

End-user Luminaires Catalog

Indoor & Controls

Central & Eastern Europe - 2018

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LED luminaires



PowerBalance gen2 6



PowerBalance RC360B 11



PowerBalance Tunable White, recessed 15



SmartBalance, recessed 18



SmartBalance Tunable White, recessed 23



SlimBlend Square, recessed 25



SlimBlend Rectangular, recessed 29



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CoreLine Recessed 42



CoreLine Panel 47



SkyRibbon IntelliHue Wall Washing Powercore 53



SkyRibbon IntelliHue Linear Direct 55



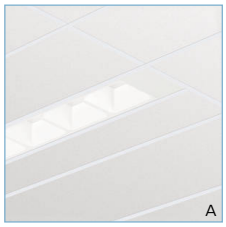
GreenPerform Panel 57

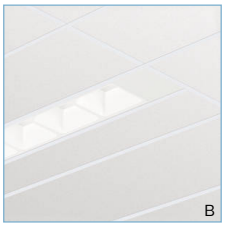


PowerBalance gen2 – sustainable performance

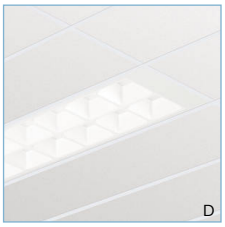
When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability provided the investment pays back. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance gen2 is Philips' most energy-efficient office-norm-compliant LED luminaire. It more than halves energy costs compared to a T5 solution, and the light source has a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market. The gen2 architecture enables a range of highly versatile modular and semi-modular luminaires. These luminaires can be easily mounted in ceilings with exposed T-bar and concealed T-bar, as well as plaster ceilings and bandraster-type ceilings. PowerBalance is also available in a surface-mounted version.

Product Range

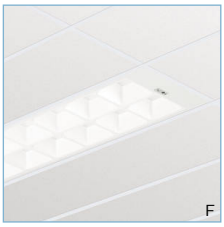

A


B

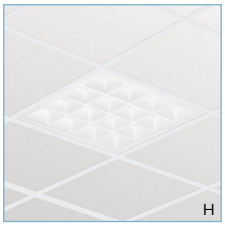

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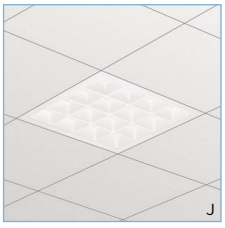

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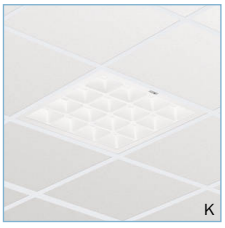

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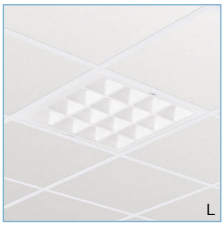

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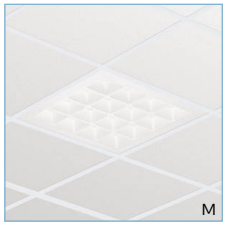

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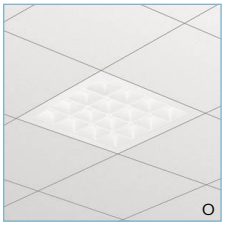

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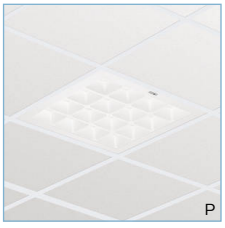

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Q

Detailed Photos

PowerBalance gen2 RC415B recessed LED luminaire (visible profile ceiling version)


A


B


C


D

PowerBalance gen2 RC415B recessed LED luminaire (visible profile ceiling version)



E



F



G



H



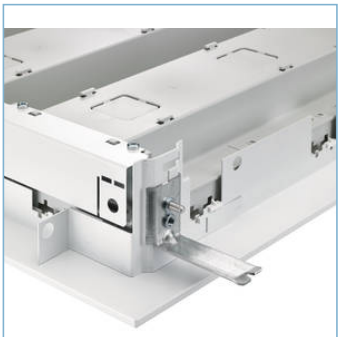
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PowerBalance gen2 RC460B/RC461B recessed LED luminaire with air handling (visible profile ceiling version)



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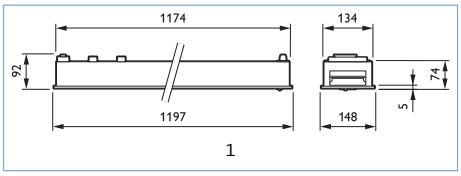


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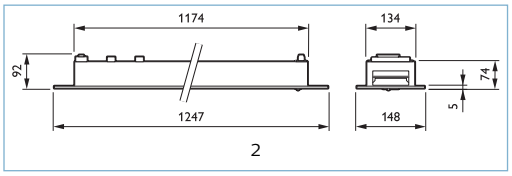


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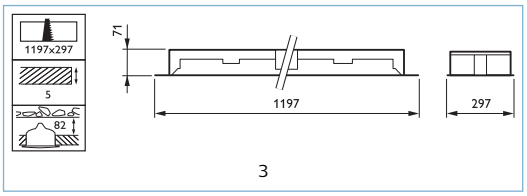
Dimension Drawing



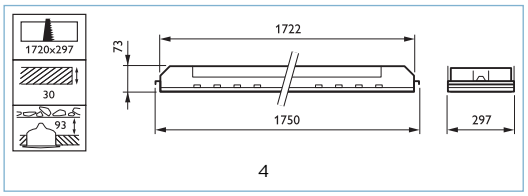
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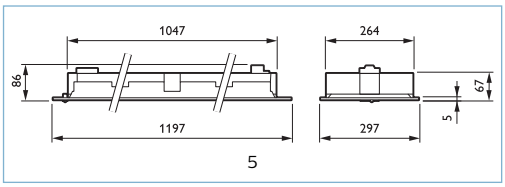
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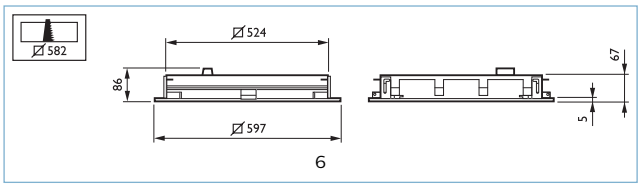
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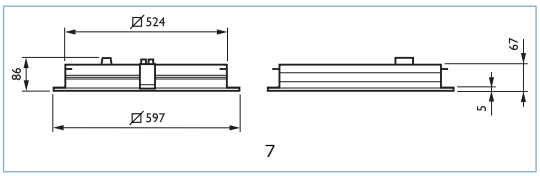
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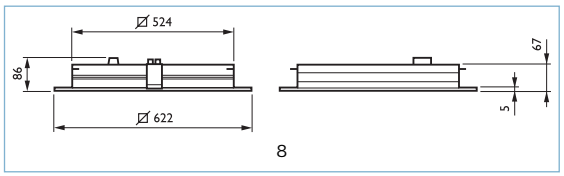
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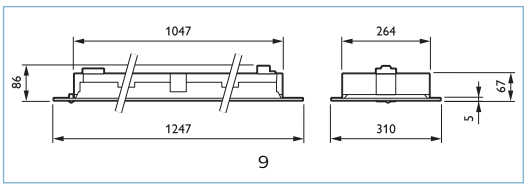
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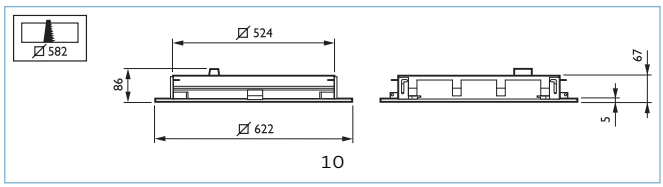
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8



9



10

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/ lens type[5]	Connec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC415B	1x LED20S/840	PSD	W15L120	PC	W	VPC	WH		16.5	130	A	A-D	1	020**09303**
RC415B	1x LED20S/840	PSD	W15L125	PC	W	VPC	WH		16.5	130	B	B-E	2	020**09503**
RC415B	1x LED34S/840	POE	W15L120	PC	RJ45-M	VPC	WH		26.0	128	A			020**45903**
RC415B	1x LED34S/840	POE	W15L120	PC	RJ45-M	VPC	WH	ACL	27.0	124	A			020**46003**
RC461B	1x LED34S/840	POE	W30L120	PC	RJ45-M	VPC	WH		23.5	145	C		3	020**45603**
RC461B	1x LED34S/840	POE	W30L120	PC	RJ45-M	VPC	WH		26.5	128	D		3	020**52103**
RC461B	1x LED34S/840	POE	W30L120	PC	RJ45-M	VPC	WH	ACL	24.5	139	C		3	020**45303**
RC461B	1x LED34S/840	POE	W30L172		RJ45-M	BCV	WH		23.5	145	E		4	020**45803**
RC461B	1x LED34S/840	POE	W30L172		RJ45-M	BCV	WH	ACL	24.5	139	E		4	020**45503**
RC461B	1x LED34S/840	PSD	W30L120		PIP	VPC	WH		24.0	142	D	B-D, F	5	020**08103**
RC461B	1x LED34S/840	PSD	W30L120		W	VPC	WH		25.0	136	D	B-D, F	5	020**07903**
RC461B	1x LED34S/840	PSD	W30L120		W	VPC	WH		24.0	142	D		5	020**32103**
RC461B	1x LED34S/840	PSD	W30L120		W	VPC	WH	ACL	25.0	136	F	B-D, G, H	5	020**08203**
RC461B	1x LED34S/840	PSD	W30L120		W	VPC	WH	ACL	25.0	136	F		5	020**32003**
RC461B	1x LED34S/840	PSD	W60L60	PC	PIP	PCV	WH		24.0	142	G	B-D, I-N	6	020**12103**
RC461B	1x LED34S/840	PSD	W60L60	PC	PIP	VPC	WH		24.0	142	H	B-D, O	7	020**03003**
RC461B	1x LED34S/840	PSD	W60L60	PC	PIP	VPC	WH		28.0	121	I			020**50203**
RC461B	1x LED34S/840	PSD	W60L60	PC	PIP	VPC	WH		28.0	121	I			020**50103**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	CPC	WH		24.0	142	J	B-D, I-N	6	020**03203**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	PCV	WH		24.0	142	G	B-D, I-N	6	020**05603**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	VPC	WH		24.0	142	H	B-D, O	7	020**02903**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	VPC	WH		25.0	136	H		7	020**31503**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	VPC	WH	ACL	25.0	136	K	B-D, H, P	7	020**03103**
RC461B	1x LED34S/840	PSD	W60L60	PC	W	VPC	WH	ACL	25.0	136	K		7	020**31403**
RC461B	1x LED34S/840	PSD	W60L60	PC	W4	VPC	WH		25.0	136	I		7	020**41903**
RC461B	1x LED34S/840	PSD-T	W60L60	PC	PIP	PCV	WH	ACL	25.0	136	L	B-D, H-N	6	020**12303**
RC461B	1x LED40S/840	PSD	W60L60	PC	PIP	PCV	WH		28.5	140	G	B-D, I-N	6	020**12203**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/ lens type[5]	Connec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC461B	1x LED40S/840	PSD	W60L60	PC	W	VPC	WH		28.5	140	H			020**44103**
RC461B	1x LED40S/840	PSD	W60L60	PC	W	VPC	WH		30.0	133	H	B-D, Q, R	7	020**17803**
RC463B	1x LED28S/830	PSD	W62L62	PC	PIP	VPC	WH		21.5	130	M		8	020**38703**
RC463B	1x LED28S/840	PSD	W31L125	PC	PIP	CPC	WH		20.5	137				020**39803**
RC463B	1x LED28S/840	PSD	W62L62	PC	PIP	CPC	WH		20.5	137				020**39403**
RC463B	1x LED28S/840	PSD	W62L62	PC	PIP	VPC	WH		20.5	137	M	B-D	8	020**11403**
RC463B	1x LED28S/840	PSD	W62L62	PC	W	VPC	WH		20.5	137	M	B-D	8	020**12903**
RC463B	1x LED34S/830	PSD	W31L125	PC	PIP	VPC	WH		25.0	136	N		9	020**39203**
RC463B	1x LED34S/830	PSD	W62L62	PC	PIP	CPC	WH		25.0	136				020**39603**
RC463B	1x LED34S/830	PSD	W62L62	PC	PIP	VPC	WH		25.0	136	M		8	020**38803**
RC463B	1x LED34S/840	POE	W31L125	PC	PIP	VPC	WH		23.5	145	N			020**45703**
RC463B	1x LED34S/840	POE	W31L125	PC	RJ45-M	VPC	WH	ACL	24.5	139	N			020**45403**
RC463B	1x LED34S/840	PSD	W31L125	PC	PIP	CPC	WH		24.0	142				020**40003**
RC463B	1x LED34S/840	PSD	W31L125	PC	PIP	VPC	WH		24.0	142	N	B-D, S	9	020**08503**
RC463B	1x LED34S/840	PSD	W62L62	PC	PIP	CPC	WH		24.0	142	O	B-D, I-N, T	10	020**11703**
RC463B	1x LED34S/840	PSD	W62L62	PC	PIP	VPC	WH		24.0	142	M	B-D	8	020**05903**
RC463B	1x LED34S/840	PSD	W62L62	PC	PIP	VPC	WH		26.5	128	I			020**50303**
RC463B	1x LED34S/840	PSD	W62L62	PC	W	CPC	WH		24.0	142	O	B-D, I-N, T	10	020**06103**
RC463B	1x LED34S/840	PSD	W62L62	PC	W	VPC	WH		24.0	142	M	B-D	8	020**05703**
RC463B	1x LED34S/840	PSD	W62L62	PC	W	VPC	WH	ACL	25.0	136	P	B-D, H	8	020**05803**
RC463B	1x LED34S/840	PSD-T	W62L62	PC	PIP	CPC	WH	ACL	25.0	136	Q	B-D, H-N, U	10	020**11903**
RC463B	1x LED34S/840	PSD-T	W62L62	PC	PIP	VPC	WH	ACL	25.0	136	P	B-D, H	8	020**06003**
RC463B	1x LED40S/830	PSD	W31L125		PIP	VPC	WH		30.0	133	N		9	020**39303**
RC463B	1x LED40S/830	PSD	W62L62		PIP	CPC	WH		30.0	133				020**39703**
RC463B	1x LED40S/830	PSD	W62L62		PIP	VPC	WH		30.0	133	P		8	020**38903**
RC463B	1x LED40S/840	PSD	W31L125		PIP	CPC	WH		28.5	140				020**40203**
RC463B	1x LED40S/840	PSD	W31L125		PIP	VPC	WH		28.5	140	N		9	020**35903**
RC463B	1x LED40S/840	PSD	W62L62		PIP	CPC	WH		28.5	140	O	B-D, I-N, T	10	020**11803**
RC463B	1x LED40S/840	PSD	W62L62		PIP	VPC	WH		28.5	140	M	B-D	8	020**11503**
RC463B	1x LED40S/840	PSD	W62L62		W	CPC	WH	ACL	29.5	136	Q	B-D, H-N, U	10	020**13403**
RC463B	1x LED40S/840	PSD	W62L62		W	VPC	WH		28.5	140	M	B-D	8	020**13003**
RC463B	1x LED40S/840	PSD	W62L62		W	VPC	WH	ACL	29.5	136	P	B-D, H	8	020**13103**
RC463B	1x LED40S/840	PSD-T	W62L62		PIP	CPC	WH	ACL	29.5	136	Q	B-D, H-N, U	10	020**12003**
RC463B	1x LED40S/840	PSD-T	W62L62		PIP	VPC	WH	ACL	29.5	136	P	B-D, H	8	020**11603**

[1] 'Type' value description(s): '**RC415B**' = PowerBalance recessed, '**RC461B**' = PowerBalance recessed, '**RC463B**' = PowerBalance recessed

[2] 'Lamp' value description(s): '**LED20S**' = LED Module, system flux 2 000 lm, '**LED28S**' = LED Module, system flux 2 800 lm, '**LED34S**' = LED Module, system flux 3 400 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet, '**PSD**' = Power supply unit with DALI interface, '**PSD-T**' = Power supply unit with DALI touch-switch & dimming interface

[4] 'Geometry' value description(s): '**W15L120**' = Width 0.15 m, length 1.20 m, '**W15L125**' = Width 0.15 m, length 1.25 m, '**W30L120**' = Width 0.30 m, length 1.20 m, '**W30L172**' = Width 0.30 m, length 1.72 m, '**W31L125**' = Width 0.31 m, length 1.25 m, '**W60L60**' = Width 0.60 m, length 0.60 m, '**W62L62**' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**RJ45-M**' = RJ45 connector, male, '**W**' = Plug-in connector 3-pole Wieland/ Adels compatible, '**W4**' = Plug-in connector 4-pole Wieland/Adels compatible

[7] 'Housing' value description(s): '**BCV**' = Bandraster ceiling version, '**CPC**' = Concealed profile ceiling version, '**PCV**' = Plaster ceiling version, '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

[9] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC415B		51 to 54	+/-10%		0.255	21.0	26.0	1	70 000	50 000	25 000
RC415B		51 to 54	+/-10%		0.255	21.0	27.0	1	70 000	50 000	25 000
RC415B	50-60	220-240	+/-10%	0.9	0.255	21.0	16.5	1	70 000	50 000	25 000
RC461B		51 to 54	+/-10%		1.000	5.0	23.5	1	70 000	50 000	25 000
RC461B		51 to 54	+/-10%		1.000	5.0	24.5	1	70 000	50 000	25 000
RC461B		51 to 54	+/-10%		1.000	5.0	26.5	1	70 000	50 000	25 000
RC461B	50-60	220-240	+/-10%	0.9	1.000	0.7	25.0	1	70 000	50 000	25 000
RC461B	50-60	220-240	+/-10%	0.9	1.000	5.0	24.0	1	70 000	50 000	25 000
RC461B	50-60	220-240	+/-10%	0.9	1.000	5.0	25.0	1	70 000	50 000	25 000
RC461B	50-60	220-240	+/-10%	0.9	1.000	5.0	28.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC461B	50-60	220-240	+/-10%	0.9	1.000	5.0	28.5	1	70 000	50 000	25 000
RC461B	50-60	220-240	+/-10%	0.9	1.000	5.0	30.0	1	70 000	50 000	25 000
RC463B		51 to 54	+/-10%		1.000	5.0	23.5	1	70 000	50 000	25 000
RC463B		51 to 54	+/-10%		1.000	5.0	24.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	20.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	21.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	24.0	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	25.0	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	26.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	28.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	29.5	1	70 000	50 000	25 000
RC463B	50-60	220-240	+/-10%	0.9	1.000	5.0	30.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC415B	LED20S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	130	2 000	+/-10%
RC415B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	124	3 400	+/-10%
RC415B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	121	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	136	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	139	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	142	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	145	3 400	+/-10%
RC461B	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136	3 400	+/-10%
RC461B	LED40S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	133	4 000	+/-10%
RC461B	LED40S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	140	4 000	+/-10%
RC463B	LED28S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	130	2 800	+/-10%
RC463B	LED28S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	137	2 800	+/-10%
RC463B	LED34S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	136	3 400	+/-10%
RC463B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%
RC463B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	136	3 400	+/-10%
RC463B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	139	3 400	+/-10%
RC463B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	142	3 400	+/-10%
RC463B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	145	3 400	+/-10%
RC463B	LED40S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	133	4 000	+/-10%
RC463B	LED40S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	136	4 000	+/-10%
RC463B	LED40S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	140	4 000	+/-10%

[10] 'Lamp family code' value description(s): 'LED20S' = LED Module, system flux 2 000 lm, 'LED28S' = LED Module, system flux 2 800 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	Safety device[13]	IP Classification[14]	Mech. impact protection code[15]	CE mark	ENEC mark	Flammability mark[16]	Glow-wire test[17] (°C/s)	RoHS mark
RC415B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC415B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC461B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC461B	I	SC	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC461B	III		IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC461B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC463B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC463B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[13] 'Safety device' value description(s): 'SC' = Safety cable

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected

[15] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[16] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

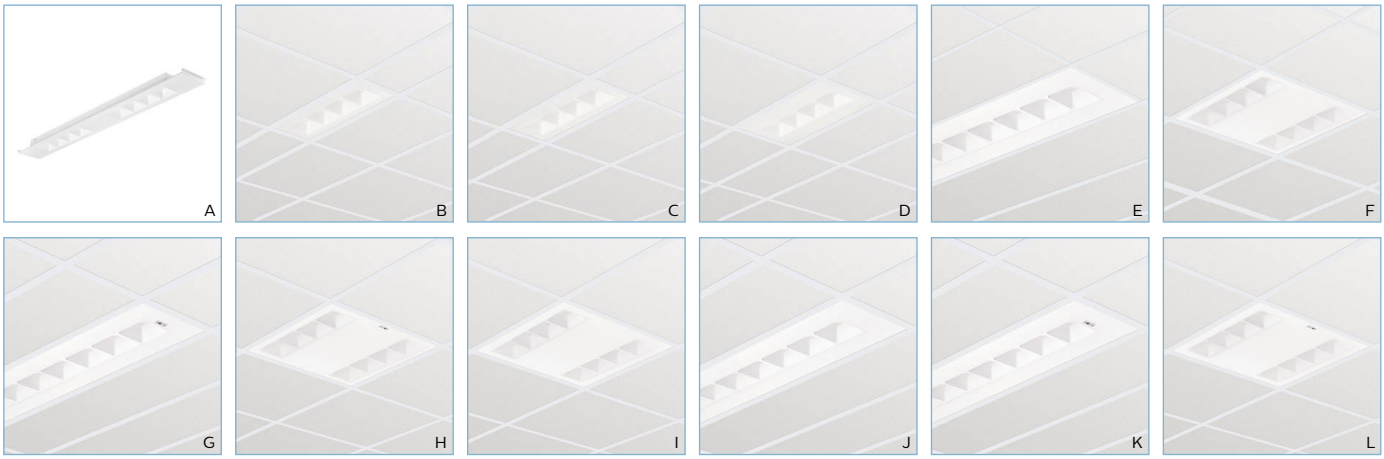
[17] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



PowerBalance RC360 – Perfect combination of sustainable performance and return on investment

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability, provided the investment pays back. At the same time, the system should comply with office lighting norms in order to ensure a comfortable working environment. PowerBalance RC360 offers the ideal combination of sustainable performance and return on investment on the one hand, and compliance with relevant office norms on the other. It reduces energy costs by more than half compared to a T5 solution, and the light source also has a longer lifetime. This results in significantly lower operating costs, ensuring a payback that meets the needs of the specification market. The architecture of PowerBalance RC360 enables a range of highly versatile modular and semi-modularluminaires. These can be easily mounted in ceilings with exposed or concealed T-bars, as well as plaster ceilings and bandraster-type ceilings.

Product Range



Detailed Photos

PowerBalance RC360B recessed luminaire, module size 200x600



PowerBalance RC360B recessed luminaire, module size 260x600



PowerBalance RC360B recessed luminaire, module size 300x600



PowerBalance gen2 RC360B recessed luminaire, rectangular version




E

PowerBalance gen2 RC360B recessed luminaire, square version


F


G

PowerBalance gen2 RC360B recessed luminaire with ActiLume, square version

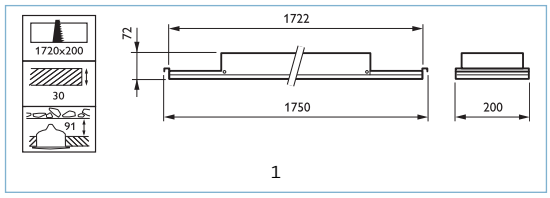

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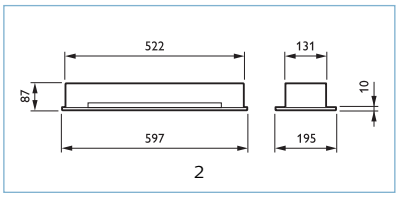

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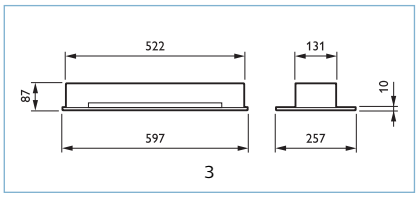
Dimension Drawing



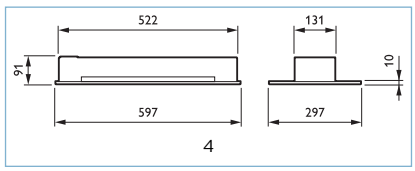
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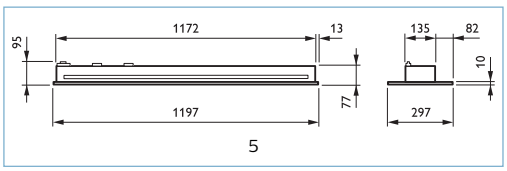
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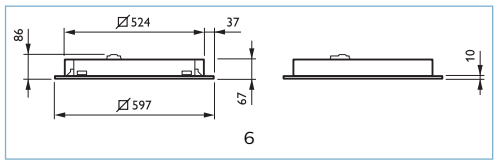
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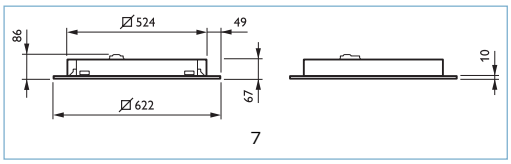
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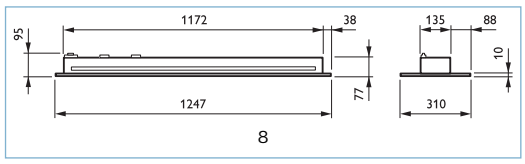
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8

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/ lens type[5]	Connec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
RC315B	1 LED34S/840	POE	W20L172	PC	RJ45-M	BCV	WH		26.0	128	A		1	020**46503**
RC315B	1 LED34S/840	POE	W20L172	PC	RJ45-M	BCV	WH	ACL	27.0	124	A		1	020**46603**
RC360B	1 LED20S/830	PSU	W20L60	PC	W	VPC	WH		17.4	104	B	A	2	020**47503**
RC360B	1 LED20S/830	PSU	W26L60	PC	W	VPC	WH		17.4	104	C	B	3	020**47403**
RC360B	1 LED20S/830	PSU	W30L60	PC	W	VPC	WH		17.4	104	D	C	4	020**47303**
RC360B	1 LED20S/830	PSU	W30L60	PC	W2	VPC	WH		17.4	104	D	C		020**47103**
RC360B	1 LED34S/830	PSD	W30L120	PC	PIP	VPC	WH		28.5	117	E	D, E	5	020**34903**
RC360B	1 LED34S/830	PSD	W30L120	PC	W	VPC	WH		29.0	117	E	D, E	5	020**34803**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/ lens type[5]	Connec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
RC360B	1 LED34S/830	PSD	W60L60	PC	PIP	VPC	WH		29.0	117	F	E, F	6	020**34703**
RC360B	1 LED34S/830	PSD	W60L60	PC	W	VPC	WH		28.5	117	F	E, F	6	020**34603**
RC360B	1 LED34S/840	POE	W30L120		RJ45-M	VPC	WH		26.0	128	E			020**46103**
RC360B	1 LED34S/840	POE	W30L120	PC	RJ45-M	VPC	WH	ACL	30.0	111	G			020**53403**
RC360B	1 LED34S/840	POE	W60L60		RJ45-M	VPC	WH		26.0	128	F			020**54303**
RC360B	1 LED34S/840	POE	W60L60		RJ45-M	VPC	WH	ACL	27.0	124	H			020**54503**
RC360B	1 LED34S/840	PSD	W30L120	PC	PIP	VPC	WH		27.5	124	E	D, E	5	020**30303**
RC360B	1 LED34S/840	PSD	W30L120	PC	W	VPC	WH		27.5	124	E	D, E	5	020**30203**
RC360B	1 LED34S/840	PSD	W30L120	PC	W	VPC	WH		27.5	124	E	D, E	5	020**31703**
RC360B	1 LED34S/840	PSD	W60L60		W4	CPC	WH		30.0	111	I			020**49903**
RC360B	1 LED34S/840	PSD	W60L60	PC	PIP	VPC	WH		27.0	124	F	E, F	6	020**30103**
RC360B	1 LED34S/840	PSD	W60L60	PC	W	VPC	WH		27.5	124	F	E, F	6	020**30003**
RC360B	1 LED34S/840	PSD	W60L60	PC	W	VPC	WH		27.5	124	F	E, F	6	020**31103**
RC360B	1 LED34S/840	PSD	W60L60	PC	W	VPC	WH	ACL	28.0	119	H	E, G, H	6	020**30403**
RC360B	1 LED34S/840	PSD	W60L60	PC	W	VPC	WH	ACL	28.0	119	H	E, G, H	6	020**31003**
RC360B	1 LED34S/840	PSU	W60L60	PC	PIP	PCV	WH		27.5	124				020**38303**
RC362B	1 LED28S/830	PSD	W62L62	PC	PIP	VPC	WH		23.5	126	I	E, I	7	020**36203**
RC362B	1 LED28S/840	PSD	W31L125	PC	PIP	VPC	WH		22.0	127	J	E, J	8	020**36503**
RC362B	1 LED28S/840	PSD	W62L62	PC	PIP	VPC	WH		22.0	126	I	E, I	7	020**36103**
RC362B	1 LED28S/840	PSU	W31L125	PC	PIP	VPC	WH		22.0	127	J	E, J	8	020**36703**
RC362B	1 LED34S/830	PSD	W31L125	PC	PIP	VPC	WH		28.5	117	J	E, J	8	020**35403**
RC362B	1 LED34S/830	PSD	W62L62	PC	PIP	VPC	WH		28.5	119	I	E, I	7	020**35003**
RC362B	1 LED34S/830	PSU	W62L62	PC	PIP	VPC	WH		28.5	119	I	E, I	7	020**35303**
RC362B	1 LED34S/840	POE	W31L125		RJ45-M		WH		26.0	128	J			020**46203**
RC362B	1 LED34S/840	POE	W31L125		RJ45-M		WH	ACL	27.0	124	K			020**46403**
RC362B	1 LED34S/840	POE	W62L62		RJ45-M	VPC	WH		26.0	128	I			020**54403**
RC362B	1 LED34S/840	POE	W62L62		RJ45-M	VPC	WH	ACL	27.0	124	L			020**54603**
RC362B	1 LED34S/840	PSD	W31L125	PC	PIP	VPC	WH		27.0	124	J	E, J	8	020**30703**
RC362B	1 LED34S/840	PSD	W62L62		PIP	VPC	WH		30.0	111	I			020**50003**
RC362B	1 LED34S/840	PSD	W62L62	PC	PIP	CPC	WH		27.0	124				020**36903**
RC362B	1 LED34S/840	PSD	W62L62	PC	PIP	VPC	WH		27.0	124	I	E, I	7	020**30603**
RC362B	1 LED34S/840	PSD-T	W62L62	PC	PIP	VPC	WH	ACL	28.0	121	L	E, G, K	7	020**30803**
RC362B	1 LED34S/840	PSU	W31L125	PC	PIP	VPC	WH		27.0	124	J	E, J	8	020**35603**
RC362B	1 LED34S/840	PSU	W62L62	PC	PIP	CPC	WH		27.0	124				020**37303**
RC362B	1 LED34S/840	PSU	W62L62	PC	PIP	VPC	WH		27.0	124	I	E, I	7	020**35203**

[1] 'Type' value description(s): '**RC315B**' = PowerBalance recessed, '**RC360B**' = PowerBalance recessed, '**RC362B**' = PowerBalance recessed

[2] 'Lamp' value description(s): '**LED20S**' = LED Module, system flux 2 000 lm, '**LED28S**' = LED Module, system flux 2 800 lm, '**LED34S**' = LED Module, system flux 3 400 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet, '**PSD**' = Power supply unit with DALI interface, '**PSD-T**' = Power supply unit with DALI touch-switch & dimming interface, '**PSU**' = Power supply unit

[4] 'Geometry' value description(s): '**W20L172**' = Width 0.20 m, length 1.72 m, '**W20L60**' = Width 0.20 m, length 0.60 m, '**W26L60**' = Width 0.26 m, length 0.60 m, '**W30L120**' = Width 0.30 m, length 1.20 m, '**W30L60**' = Width 0.30 m, length 0.60 m, '**W31L125**' = Width 0.31 m, length 1.25 m, '**W60L60**' = Width 0.60 m, length 0.60 m, '**W62L62**' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**RJ45-M**' = RJ45 connector, male, '**W**' = Plug-in connector 3-pole Wieland/ Adels compatible, '**W2**' = Plug-in connector 2-pole Wieland/Adels compatible, '**W4**' = Plug-in connector 4-pole Wieland/Adels compatible

[7] 'Housing' value description(s): '**BCV**' = Bandraster ceiling version, '**CPC**' = Concealed profile ceiling version, '**PCV**' = Plaster ceiling version, '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

[9] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC315B		51 to 54	+/-10%		0.255	21	26.0	1	70 000	50 000	25 000
RC315B		51 to 54	+/-10%		0.255	21	27.0	1	70 000	50 000	25 000
RC360B		51 to 54	+/-10%		0.255	21	26.0	1	70 000	50 000	25 000
RC360B		51 to 54	+/-10%		0.255	21	27.0	1	70 000	50 000	25 000
RC360B		51 to 54	+/-10%		0.255	21	30.0	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	17.4	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	27.0	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	27.5	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	28.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	28.5	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	29.0	1	70 000	50 000	25 000
RC360B	50-60	220-240	+/-10%	0.9	0.255	21	30.0	1	70 000	50 000	25 000
RC362B		51 to 54	+/-10%		0.255	21	26.0	1	70 000	50 000	25 000
RC362B		51 to 54	+/-10%		0.255	21	27.0	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	22.0	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	23.5	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	27.0	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	28.0	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	28.5	1	70 000	50 000	25 000
RC362B	50-60	220-240	+/-10%	0.9	0.255	21	30.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC315B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	124	3 400	+/-10%
RC315B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%
RC360B	LED20S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	104	2 000	+/-10%
RC360B	LED34S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	117	3 400	+/-10%
RC360B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	111	3 400	+/-10%
RC360B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	119	3 400	+/-10%
RC360B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	124	3 400	+/-10%
RC360B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%
RC362B	LED28S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	126	2 800	+/-10%
RC362B	LED28S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	126	2 800	+/-10%
RC362B	LED28S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	127	2 800	+/-10%
RC362B	LED34S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	117	3 400	+/-10%
RC362B	LED34S	830	3000	≥80	86	(0.43, 0.40) SDCM <3	119	3 400	+/-10%
RC362B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	111	3 400	+/-10%
RC362B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	121	3 400	+/-10%
RC362B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	124	3 400	+/-10%
RC362B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%

[10] 'Lamp family code' value description(s): 'LED20S' = LED Module, system flux 2 000 lm, 'LED28S' = LED Module, system flux 2 800 lm, 'LED34S' = LED Module, system flux 3 400 lm

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	Safety device[13]	IP Classification[14]	Mech. impact protection code[15]	CE mark	ENEC mark	Flammability mark[16]	Glow-wire test[17] (°C/s)	RoHS mark
RC315B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC360B	I		IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC360B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC360B	I	SC	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC360B	III		IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC360B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC362B	I		IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC362B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC362B	III		IP20	IK02	CE	ENEC+	F	850/5	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[13] 'Safety device' value description(s): 'SC' = Safety cable

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected

[15] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[16] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

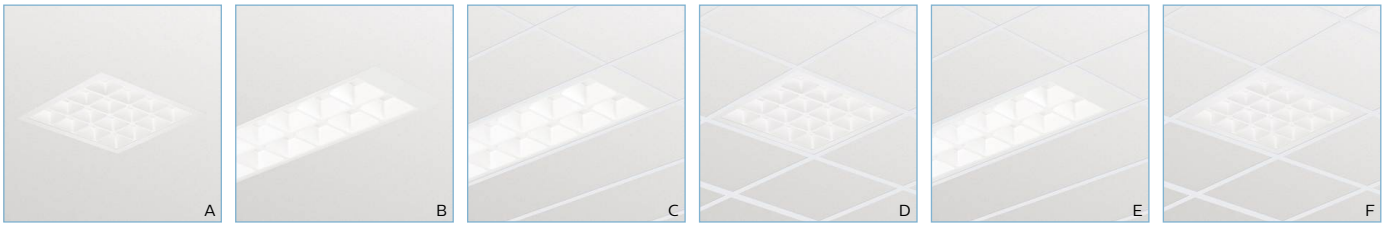
[17] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



PowerBalance Tunable White, recessed – Supporting a general feeling of health and well-being

The right light can have a favorable effect on various physiological processes in the human body. Statistically, 65% of office workers don't feel at their best before 9.00 hours. By giving them personal control over the lighting in their work space, so they can tailor it to suit the time of day and what they are doing, our PowerBalance Tunable White solution can enhance their comfort, task performance, and productivity. Similarly, in schools, PowerBalance Tunable White allows teachers to create the right mood to help pupils to concentrate, relax, etc., depending on the activity at hand, and so perform better overall.

Product Range



Detailed Photos

Push button, 4 scenes



A

Control box



B

User-interface touch panel



C

Sensor



D

PowerBalance Tunable White RC464B recessed luminaire, rectangular version (module size 600)



E

PowerBalance Tunable White RC464B recessed luminaire, square version (module size 600)



F

PowerBalance Tunable White RC466B recessed luminaire, rectangular version (module size 625)



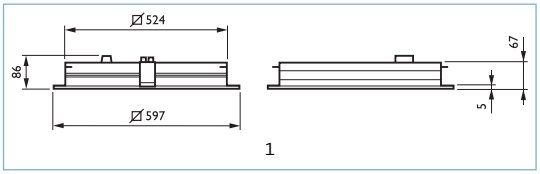
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PowerBalance Tunable White RC466B recessed luminaire, square version (module size 625)

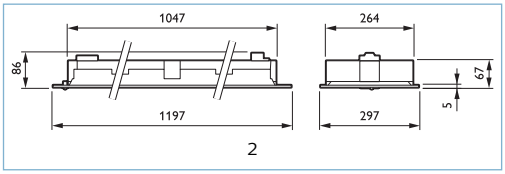


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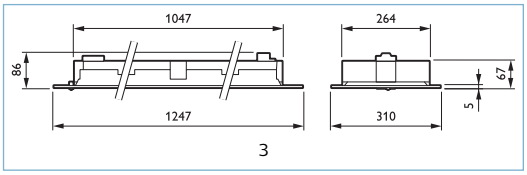
Dimension Drawing



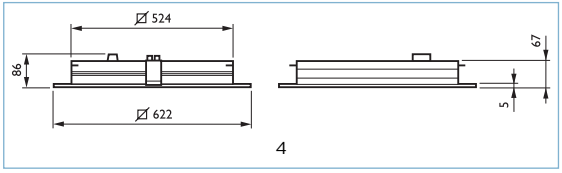
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2



3



4

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/ lens type[5]	Con-nection[6]	Housing[7]	Accessory color[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC464B	1 LED80S/TWH	PSD	W30L120	PC	PIP	PCV	WH	73	110	A		1	020**54803**
RC464B	1 LED80S/TWH	PSD	W30L120	PC	PIP	PCV	WH	73	110	B		2	020**54703**
RC464B	1 LED80S/TWH	PSD	W30L120	PC	PIP	VPC	WH	73	110	C	A-E	2	020**42703**
RC464B	1 LED80S/TWH	PSD	W30L120	PC	W	VPC	WH	73	110	C	A-E	2	020**42803**
RC464B	1 LED80S/TWH	PSD	W60L60	PC	PIP	VPC	WH	73	110	D	A-D, F	1	020**42503**
RC464B	1 LED80S/TWH	PSD	W60L60	PC	W	VPC	WH	73	110	D	A-D, F	1	020**42603**
RC466B	1 LED80S/TWH	PSD	W31L125	PC	PIP	VPC	WH	73	110	E	A-D, G	3	020**43103**
RC466B	1 LED80S/TWH	PSD	W31L125	PC	W	VPC	WH	73	110	E	A-D, G	3	020**43203**
RC466B	1 LED80S/TWH	PSD	W62L62	PC	PIP	VPC	WH	73	110	F	A-D, H	4	020**42903**
RC466B	1 LED80S/TWH	PSD	W62L62	PC	W	VPC	WH	73	110	F	A-D, H	4	020**43003**

[1] 'Type' value description(s): '**RC464B**' = PowerBalance recessed Tuneable WH, '**RC466B**' = PowerBalance recessed Tuneable WH

[2] 'Lamp' value description(s): '**LED80S**' = LED Module, system flux 8 000 lm, '**TWH**' = Tunable white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): '**W30L120**' = Width 0.30 m, length 1.20 m, '**W31L125**' = Width 0.31 m, length 1.25 m, '**W60L60**' = Width 0.60 m, length 0.60 m, '**W62L62**' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**W**' = Plug-in connector 3-pole Wieland/Adels compatible

[7] 'Housing' value description(s): '**PCV**' = Plaster ceiling version, '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC464B	50-60	220-240	+/-10%	0.9	1	5	73	1	70 000	50 000	25 000
RC466B	50-60	220-240	+/-10%	0.9	1	5	73	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC464B	LED80S	TWH	2700 to 6400	≥80	86	(0.31, 0.32) SDCM <3 to (0.43, 0.40) SDCM <3	110	8 000	+/-10%
RC466B	LED80S	TWH	2700 to 6400	≥80	86	(0.31, 0.32) SDCM <3 to (0.43, 0.40) SDCM <3	110	8 000	+/-10%

[9] 'Lamp family code' value description(s): '**LED80S**' = LED Module, system flux 8 000 lm

[10] 'Light source color' value description(s): '**TWH**' = Tunable white

Protection & classification standards

Type	Protection class IEC[11]	Safety device	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
RC464B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS
RC466B	I	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



SmartBalance recessed – combining performance with smart design

Many people are keen to apply recessed luminaires with a surface of light as an alternative to louver-type solutions. At the same time they expect the luminaires to be office norm-compliant as well as highly energy-efficient. Meeting all relevant office norms, SmartBalance recessed is the next step in surface-of-light recessed luminaires for the specification market. Thanks to state-of-the-art LED technology it not only offers increased energy efficiency compared with fluorescent, but is also visually appealing without being intrusive. For those looking for an exciting design element there are versions with inner masking. SmartBalance is also available in surface-mounted, suspended and free floor-standing versions.

Product Range



Detailed Photos





Connectors for ease of installation



SmartBalance features rounded outer masking and a slim rim design



Outer masking only (AC-MLO)



E



F



G



H

SmartBalance recessed RC480B LED luminaire with inner masking, module size 300x1200 (visible profile ceiling version)



I



J

SmartBalance recessed RC480B LED luminaire, module size 600 (concealed profile or plaster ceiling version)



K

SmartBalance recessed RC480B LED luminaire, module size 600 (visible profile ceiling version)



L



M

SmartBalance recessed RC482B LED luminaire with ActiLume, module size 625 (visible profile ceiling version)



N

SmartBalance recessed RC480B LED luminaire with inner masking, module size 600 (visible profile ceiling version)



O

SmartBalance recessed RC480B LED luminaire, module size 300x1200 (concealed profile or plaster ceiling version)



P

SmartBalance recessed RC482B LED luminaire, module size 625 (visible profile ceiling version)



Q

SmartBalance recessed RC482B LED luminaire, module size 625 (concealed profile or plaster ceiling version)



R



S



T



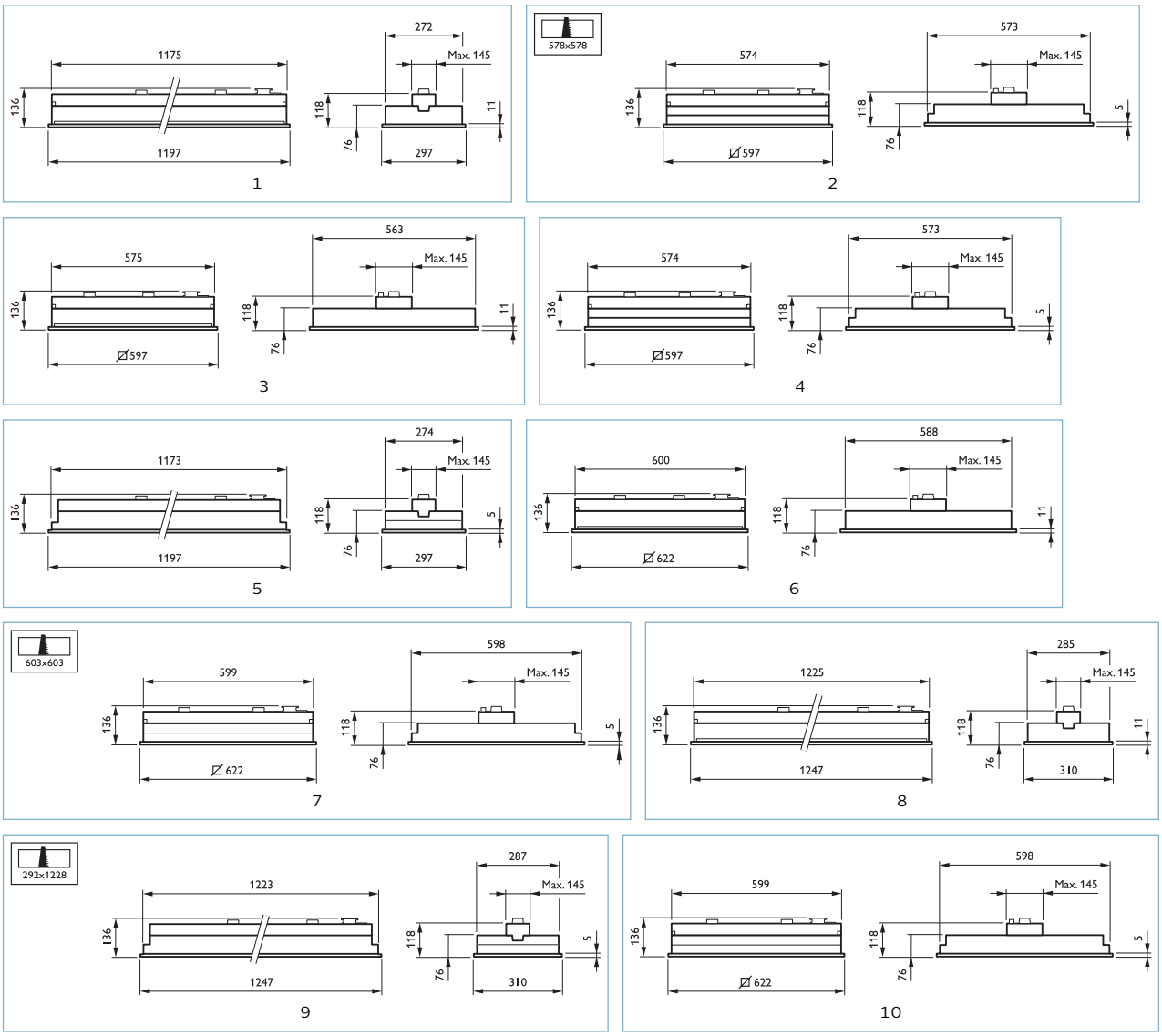
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SmartBalance recessed RC482B LED luminaire with inner masking and ActiLume, module size 625 (visible profile ceiling version)



V

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connec-tion[6]	Hous-ing[7]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC480B	1 LED35S/840	PSD	W30L120	AC-MLO	PIP	VPC		30.0	117.0	A	A-F	1	020**23203**
RC480B	1 LED35S/840	PSD	W30L120	AC-MLO-R	PIP	VPC		34.5	101.0	B	A-C, G-I	1	020**23403**
RC480B	1 LED35S/840	PSD	W30L120	AC-MLO-R	W	VPC		34.5	101.0	B	A, B, G-I	1	020**24303**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO	PIP	PCV		29.5	119.0	C	A-E, J, K	2	020**24603**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO	PIP	VPC		28.5	123.0	D	A-E, L	3	020**22903**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO	W	CPC		29.5	119.0	E	A, B, D, E, J, K	4	020**24403**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO	W	VPC		28.5	123.0	D	A, B, D, E, L	3	020**22803**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO	W	VPC	ACL	29.5	119.0	F	A, B, D, E, M, N	3	020**23003**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO-R	PIP	CPC		34.5	101.0	G	A-C, G, H, J	4	020**22403**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO-R	PIP	VPC		32.5	108.0	H	A-C, G, H, O	3	020**23303**
RC480B	1 LED35S/840	PSD	W60L60	AC-MLO-R	W	VPC		32.5	108.0	H	A, B, G, H, O	3	020**24203**
RC480B	1 LED42S/840	PSD	W30L120	AC-MLO	W	CPC		38.0	111.0	I	A, B, D, E, J, P	5	020**22603**
RC480B	1 LED42S/840	PSD	W60L60	AC-MLO	PIP	VPC		34.0	124.0	D	A-E, L	3	020**22703**
RC482B	1 LED35S/830	PSD	W62L62	AC-MLO	PIP	VPC		30.0	117.0	J	A-E, Q	6	020**26603**
RC482B	1 LED35S/830	PSD	W62L62	AC-MLO	W	PCV		31.5	111.0	K	A, B, D, E, J, R	7	020**27403**
RC482B	1 LED35S/840	PSD	W31L125	AC-MLO	PIP	VPC		30.0	117.0	L	A-E, S	8	020**23603**
RC482B	1 LED35S/840	PSD	W31L125	AC-MLO-R	W	PCV		36.5	96.0	M	A, B, G, H, J, T	9	020**28203**
RC482B	1 LED35S/840	PSD	W60L60	AC-MLO	PIP	CPC		29.5	119.0	E	A-E, J, K	4	020**23903**
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO	PIP	CPC		29.5	119.0	N	A-E, J, R	10	020**24003**
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO	PIP	VPC		28.5	123.0	J	A-E, Q	6	020**23503**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connec-tion[6]	Hous-ing[7]	Em-bed-ded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO	W	PCV		29.5	119.0	K	A, B, D, E, J, R	7	020**27203**
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO-R	PIP	VPC		32.5	108.0	O	A-C, G, H, U	6	020**23703**
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO-R	W	VPC		32.5	108.0	O	A, B, G, H, U	6	020**25403**
RC482B	1 LED35S/840	PSD	W62L62	AC-MLO-R	W	VPC	ACL	33.5	104.0	P	A, B, G, H, M, V	6	020**25803**
RC482B	1 LED35S/840	PSD-T	W62L62	AC-MLO-R	PIP	VPC	ACL	32.5	108.0	P	A-C, G, H, M, V	6	020**27103**
RC482B	1 LED42S/830	PSD	W62L62	AC-MLO	PIP	VPC		36.5	115.0	J	A-E, Q	6	020**26703**
RC482B	1 LED42S/830	PSD	W62L62	AC-MLO	W	PCV		38.0	111.0	K	A, B, D, E, J, R	7	020**27503**
RC482B	1 LED42S/840	PSD	W31L125	AC-MLO	W	VPC		36.0	117.0	L	A, B, D, E, S	8	020**26103**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	PIP	PCV		35.5	118.0				020**50503**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	PIP	VPC		34.0	124.0	J	A-E, Q	6	020**26503**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	W	PCV		35.5	118.0	K	A, B, D, E, J, R	7	020**27303**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	W	PCV	ACL	36.5	115.0	K	A, B, D, E, J, M	7	020**28503**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	W	VPC		34.0	124.0	J	A, B, D, E, Q	6	020**25103**
RC482B	1 LED42S/840	PSD	W62L62	AC-MLO	W	VPC	ACL	35.0	120.0	F	A, B, D, E, M, N	6	020**25703**
RC482B	1 LED42S/840	PSD-T	W62L62	AC-MLO	PIP	VPC	ACL	35.0	120.0	F	A-E, M, N	6	020**27003**

[1] 'Type' value description(s): '**RC480B**' = SmartBalance module 600, '**RC482B**' = SmartBalance module 625

[2] 'Lamp' value description(s): '**LED35S**' = LED Module, system flux 3 500 lm, '**LED42S**' = LED Module, system flux 4 200 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSD-T**' = Power supply unit with DALI touch-switch & dimming interface

[4] 'Geometry' value description(s): '**W30L120**' = Width 0.30 m, length 1.20 m, '**W31L125**' = Width 0.31 m, length 1.25 m, '**W60L60**' = Width 0.60 m, length 0.60 m, '**W62L62**' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): '**AC-MLO**' = Acrylate micro-lens optic, '**AC-MLO-R**' = Acrylate micro-lens optic with rectangle

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**W**' = Plug-in connector 3-pole Wieland/Adels compatible

[7] 'Housing' value description(s): '**CPC**' = Concealed profile ceiling version, '**PCV**' = Plaster ceiling version, '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

[9] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC480B	50-60	220-240	+/-10%	0.9	1	48	28.5	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	29.5	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	30.0	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	32.5	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	34.0	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	34.5	1	70 000	50 000	25 000
RC480B	50-60	220-240	+/-10%	0.9	1	48	38.0	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	28.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	29.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	30.0	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	31.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	32.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	33.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	34.0	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	35.0	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	35.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	36.0	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	36.5	1	70 000	50 000	25 000
RC482B	50-60	220-240	+/-10%	0.9	1	48	38.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC480B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	101.0	3 500	+/-10%
RC480B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	108.0	3 500	+/-10%
RC480B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	117.0	3 500	+/-10%
RC480B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	119.0	3 500	+/-10%

More data see next page

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC480B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	123.0	3 500	+/-10%
RC480B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	111.0	4 200	+/-10%
RC480B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	124.0	4 200	+/-10%
RC482B	LED35S	830	3000	≥80	130	(0.43, 0.40) SDCM <3	111.0	3 500	+/-10%
RC482B	LED35S	830	4000	≥80	130	(0.43, 0.40) SDCM <3	117.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	96.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	104.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	108.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	117.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	119.0	3 500	+/-10%
RC482B	LED35S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	123.0	3 500	+/-10%
RC482B	LED42S	830	3000	≥80	130	(0.43, 0.40) SDCM <3	111.0	4 200	+/-10%
RC482B	LED42S	830	3000	≥80	130	(0.43, 0.40) SDCM <3	115.0	4 200	+/-10%
RC482B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	115.0	4 200	+/-10%
RC482B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	117.0	4 200	+/-10%
RC482B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	118.0	4 200	+/-10%
RC482B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	120.0	4 200	+/-10%
RC482B	LED42S	840	4000	≥80	130	(0.38, 0.38) SDCM <3	124.0	4 200	+/-10%

[10] 'Lamp family code' value description(s): 'LED35S' = LED Module, system flux 3 500 lm, 'LED42S' = LED Module, system flux 4 200 lm

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
RC480B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC482B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I

[13] 'IP Classification' value description(s): 'IP20' = Finger-protected

[14] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[15] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

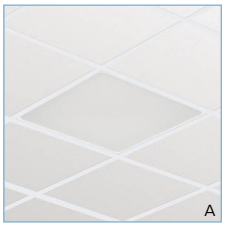
[16] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s

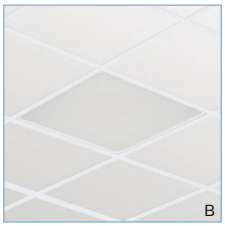


SmartBalance Tunable White recessed – supporting a general feeling of health and well-being

SmartBalance Tunable White recessed improves patients' sense of well-being during their hospital stay. . This dynamic lighting solution enables hospitals to provide patient rooms that are more homely and inviting, where the atmosphere can be changed to suit the time of day or the activity being carried out. At the same time, it helps hospital managers to ensure that medical staff remain alert, especially on round-the-clock shifts.

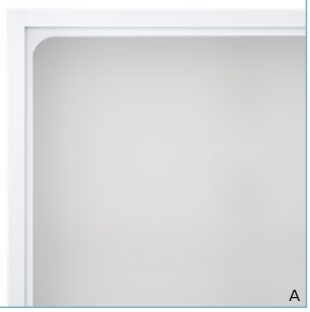
Product Range


A


B

Detailed Photos

Rounded outer masking and slim rim design


A

Outer masking


B

Connectors for easy installation


C

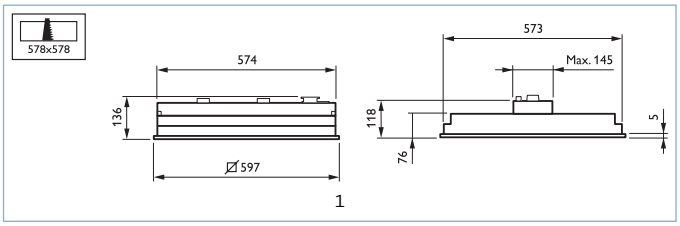
SmartBalance Tunable White RC484B recessed luminaire (module size 600)


D

SmartBalance Tunable White RC486B recessed luminaire (module size 625)


E

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Con-nec-tion[6]	Hous-ing[7]	Accessory color[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC484B	1 LED78S/TWH	PSD	W60L60	ACC-MLO	PIP	VPC	WH	87	90.0	A	A-D	1	020**38503**
RC484B	1 LED78S/TWH	PSD	W62L62	ACC-MLO	PIP	VPC	WH	85	92.0	B	E	2	020**38603**

[1] 'Type' value description(s): '**RC484B**' = SMARTBALANCE RECESSED TUNEABLE WH

[2] 'Lamp' value description(s): '**LED78S**' = LED Module, system flux 7 800 lm, '**TWH**' = Tunable white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): '**W60L60**' = Width 0.60 m, length 0.60 m, '**W62L62**' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): '**ACC-MLO**' = Acrylate micro-lens optic clear

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[7] 'Housing' value description(s): '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC484B	50-60	220-240	+/-10%	0.9	0.9	4.6	85	1	70 000	50 000	25 000
RC484B	50-60	220-240	+/-10%	0.9	0.9	4.6	87	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC484B	LED78S	TWH	3100 to 6700	≥80	130	(0.31, 0.32) SDCM <3 to (0.43, 0.40) SDCM <3	90.0	7 800	+/-10%
RC484B	LED78S	TWH	3100 to 6700	≥80	130	(0.31, 0.32) SDCM <3 to (0.43, 0.40) SDCM <3	92.0	7 800	+/-10%

[9] 'Lamp family code' value description(s): '**LED78S**' = LED Module, system flux 7 800 lm

[10] 'Light source color' value description(s): '**TWH**' = Tunable white

Protection & classification standards

Type	Protection class IEC[11]	Safety device	IP Classifica-tion[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
RC484B	I	No	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[11] 'Protection class IEC' value description(s): '**I**' = Safety class I

[12] 'IP Classification' value description(s): '**IP40**' = Wire-protected

[13] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[14] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s

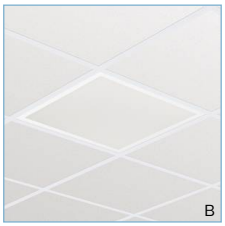


SlimBlend Square – High performance, advanced control

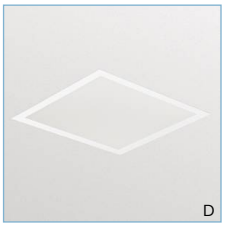
Office norm-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting smoothly blending into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics thanks to integrated control options, it also creates a special blending of light. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure enabling data on usage to be collected to help reduce energy costs and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling types can take advantage of this luminaire family. SlimBlend comes in square, rectangular and can be either recessed, surface-mounted, suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast Return on Investment for offices.

Product Range


A


B


C


D

Detailed Photos


A

SlimBlend_RR-RC400B-1DPP.tif


B

SlimBlend_SR-RC400B-1DPP.tif


C

SlimBlend_SR-RC400B-9DPP.tif


D

SlimBlend_SR-RC400B-5DPP.tif


E

SlimBlend_SR-RC400B-10DPP.tif

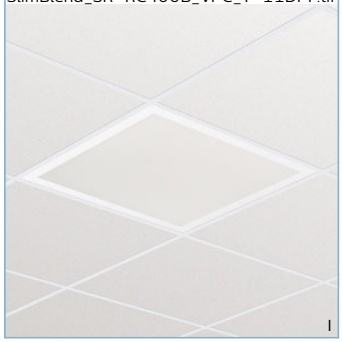

F


G

SlimBlend_SR-RC400B-11DPP.tif


H

SlimBlend_SR-RC400B_VPC_T-11DPP.tif



I



J

SlimBlend_SR-RC400B-8DPP.tif



K

SlimBlend_SR-RC400B-7DPP.tif



L

SlimBlend_SR-RC400B-9DPP.tif



M

SlimBlend_SR-RC400B-4DPP.tif



N

SlimBlend_SR-RC400B_VPC_ACL_EXP-10DPP.tif



O



P



Q

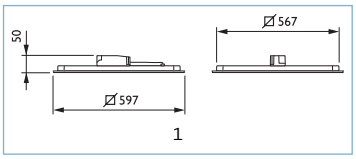


R

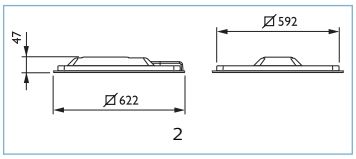


S

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
RC400B	LED36S/830	PSD	W60L60	PIP	WH	36.0	100.0	A	A-H	1	004**59905**
RC400B	LED36S/830	PSD	W60L60	PIP	WH	36.0	100.0	B	A, D, F, I	1	004**59901**
RC400B	LED36S/830	PSD	W60L60	W	WH	36.0	100.0	B	A, D, F, I-L	1	004**59903**
RC400B	LED36S/830	PSU	W60L60	PIP	WH	36.0	100.0	B	A, I, J, M	1	004**59945**
RC400B	LED36S/840	POE	W60L60	RJ45	WH	33.0	109.0	B	A, I, J, M, N	1	004**59954**
RC400B	LED36S/840	POE	W60L60	RJ45	WH	33.0	109.0	C	A-C, E, J, O	1	004**59955**
RC400B	LED36S/840	PSD	W60L60	PIP	WH	33.5	107.0	C	A-H, J, N, P	1	004**59906**
RC400B	LED36S/840	PSD	W60L60	PIP	WH	33.5	107.0	B	A, D, F, I, J, N	1	004**59902**
RC400B	LED36S/840	PSD	W60L60	W	WH	33.5	107.0	B	A, D, F, I-L	1	004**59904**
RC400B	LED36S/840	PSU	W60L60	PIP	WH	33.5	107.0	B	A, I, J, M	1	004**59946**
RC400B	LED42S/830	PSD	W60L60	PIP	WH	43.5	97.0	D	A, G, J, N, P-S	1	004**59957**
RC400B	LED42S/840	PSU	W60L60	PIP	WH	40.5	104.0	B	A, I, J, M, N	1	004**59956**
RC402B	LED28S/840	PSD	W62L62	PIP	WH	23.5	119.0	B	A, I, J, M, N	2	004**59971**
RC402B	LED28S/840	PSU	W62L62	PIP	WH	23.5	119.0	B	A, I, J, M, N	2	004**59970**
RC402B	LED36S/830	PSD	W62L62	PIP	WH	34.5	104.0	B	A, D, F, I	2	004**59908**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC402B	LED36S/840	POE	W62L62	RJ45	WH	31.5	114.0	C	A-C, E, J, O	2	004**59973**
RC402B	LED36S/840	PSD	W62L62	PIP	WH	31.0	116.0	B	A, D, F, I	2	004**59909**
RC402B	LED36S/840	PSU	W62L62	PIP	WH	31.0	116.0	B	A, I, J, M, N	2	004**59972**
RC402B	LED42S/830	PSD	W62L62	PIP	WH	41.5	101.0	B	A, D, F, I, J, M, N	2	004**59975**
RC402B	LED42S/840	POE	W62L62	RJ45	WH	38.0	111.0	C	A-C, E, J, O	2	004**59977**
RC402B	LED42S/840	PSD	W62L62	PIP	WH	37.0	114.0	B	A, D, F, I, J, M, N	2	004**59976**
RC402B	LED42S/840	PSU	W62L62	PIP	WH	37.0	114.0	B	A, I, J, M, N	2	004**59974**

[1] 'Type' value description(s): '**RC400B**' = SlimBlend recessed mod. 600, '**RC402B**' = SlimBlend recessed mod. 625

[2] 'Lamp' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet, '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[4] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**RJ45**' = RJ45 connector, '**W**' = Plug-in connector 3-pole Wieland/Adels compatible

[5] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC400B	50-60	220-240	+/-10%	0.9	0.700	5.3	43.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.140	26.0	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.140	26.0	36.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.250	18.0	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.250	18.0	36.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.250	18.0	40.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.195	20.4	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.195	20.4	36.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	1.000	5.0	33.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.250	18.0	23.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.250	18.0	31.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.250	18.0	37.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	23.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	31.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	34.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	37.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	41.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	1.000	5.0	31.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	1.000	5.0	38.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC400B	LED36S	830	3000	80	120	(0.43, 0.40) SDCM<3	100.0	3 600	+/-10%
RC400B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	107.0	3 600	+/-10%
RC400B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	109.0	3 600	+/-10%
RC400B	LED42S	830	3000	80	120	(0.43, 0.40) SDCM<3	97.0	4 200	+/-10%
RC400B	LED42S	840	4000	80	120	(0.38, 0.38) SDCM<3	104.0	4 200	+/-10%
RC402B	LED28S	840	4000	80	120	(0.38, 0.38) SDCM<3	119.0	2 800	+/-10%
RC402B	LED36S	830	3000	80	120	(0.43, 0.40) SDCM<3	104.0	3 600	+/-10%
RC402B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	114.0	3 600	+/-10%
RC402B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	116.0	3 600	+/-10%
RC402B	LED42S	830	3000	80	120	(0.43, 0.40) SDCM<3	101.0	4 200	+/-10%
RC402B	LED42S	840	4000	80	120	(0.38, 0.38) SDCM<3	111.0	4 200	+/-10%
RC402B	LED42S	840	4000	80	120	(0.38, 0.38) SDCM<3	114.0	4 200	+/-10%

[6] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	ENEC mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
RC400B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC400B	III	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC402B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC402B	III	IP20	IK02	CE	ENEC	F	650/5	ROHS

[7] 'Protection class IEC' value description(s): 'II' = Safety class II, 'III' = Safety class III

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s

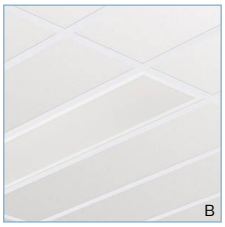


SlimBlend Rectangular - High performance, advanced control

Office norm-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting smoothly blending into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics thanks to integrated control options, it also creates a special blending of light. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure enabling data on usage to be collected to help reduce energy costs and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling types can take advantage of this luminaire family. SlimBlend comes in square, rectangular and can be either recessed, surface-mounted, suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast Return on Investment for offices.

Product Range

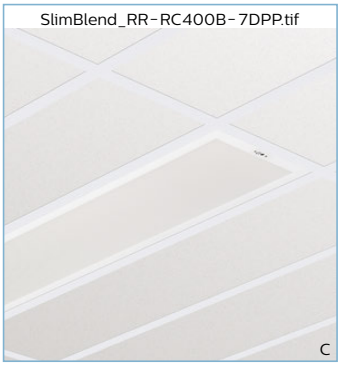




Detailed Photos

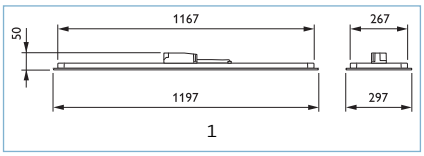


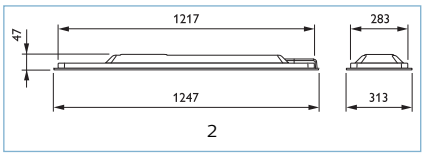






Dimension Drawing





Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
RC400B	LED36S/830	PSD	W30L120	PIP	WH	37.0	97.0	A	A-C	1	004**59914**
RC400B	LED36S/830	PSD	W30L120	PIP	WH	37.0	97.0	B	A, D	1	004**59911**
RC400B	LED36S/840	POE	W30L120	RJ45	WH	31.5	114.0	B	A, D	1	004**59941**
RC400B	LED36S/840	POE	W30L120	RJ45	WH	31.5	114.0	A	A-C	1	004**59943**
RC400B	LED36S/840	PSD	W30L120	PIP	WH	33.5	107.0	A	A-C	1	004**59915**
RC400B	LED36S/840	PSD	W30L120	PIP	WH	33.5	107.0	B	A, D	1	004**59912**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC400B	LED36S/840	PSD	W30L120	W	WH	33.5	107.0	A	A-C	1	004**59916**
RC400B	LED36S/840	PSD	W30L120	W	WH	33.5	107.0	B	A, D	1	004**59913**
RC400B	LED36S/840	PSU	W30L120	PIP	WH	33.5	107.0	B	A, D	1	004**59958**
RC400B	LED42S/840	PSU	W30L120	PIP	WH	40.0	105.0	B	A, D	1	004**59961**
RC402B	LED36S/840	POE	W31L125	RJ45	WH	31.0	116.0	A	A-C	2	004**59982**
RC402B	LED36S/840	PSD	W31L125	PIP	WH	32.5	111.0	B	A, D	2	004**59917**
RC402B	LED36S/840	PSU	W31L125	PIP	WH	32.5	111.0	B	A, D	2	004**59981**
RC402B	LED42S/840	PSD	W31L125	PIP	WH	39.0	108.0	B	A, D	2	004**59984**
RC402B	LED42S/840	PSU	W31L125	PIP	WH	39.0	108.0	B	A, D	2	004**59983**

[1] 'Type' value description(s): '**RC400B**' = SlimBlend recessed mod. 600, '**RC402B**' = SlimBlend recessed mod. 625

[2] 'Lamp' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet, '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[4] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**RJ45**' = RJ45 connector, '**W**' = Plug-in connector 3-pole Wieland/Adels compatible

[5] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC400B	50-60	220-240	+/-10%	0.9	0.140	26.0	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.140	26.0	37.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.250	18.0	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.250	18.0	40.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.195	20.4	33.5	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	0.195	20.4	37.0	1	70 000	50 000	25 000
RC400B	50-60	220-240	+/-10%	0.9	1.000	5.0	31.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.250	18.0	32.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.250	18.0	39.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	32.5	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	0.195	20.4	39.0	1	70 000	50 000	25 000
RC402B	50-60	220-240	+/-10%	0.9	1.000	5.0	31.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC400B	LED36S	830	3000	80	120	(0.43, 0.40) SDCM<3	97.0	3 600	+/-10%
RC400B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	107.0	3 600	+/-10%
RC400B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	114.0	3 600	+/-10%
RC400B	LED42S	840	4000	80	120	(0.38, 0.38) SDCM<3	105.0	4 200	+/-10%
RC402B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	111.0	3 600	+/-10%
RC402B	LED36S	840	4000	80	120	(0.38, 0.38) SDCM<3	116.0	3 600	+/-10%
RC402B	LED42S	840	4000	80	120	(0.38, 0.38) SDCM<3	108.0	4 200	+/-10%

[6] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	ENEC mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
RC400B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC400B	III	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC402B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RC402B	III	IP20	IK02	CE	ENEC	F	650/5	ROHS

[7] 'Protection class IEC' value description(s): '**II**' = Safety class II, '**III**' = Safety class III

[8] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[9] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[10] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



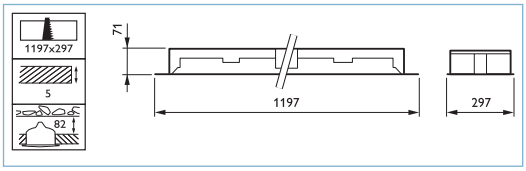
PowerBalance PoE – Intelligent energy-saving luminaire enabled for connected lighting systems

With Power-over-Ethernet (PoE) technology, PowerBalance PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, PowerBalance PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, PowerBalance PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO_2, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connection[6]	Housing[7]	Accessory color[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
RC461B	1 LED34S/840	POE	W30L120	PC	RJ45-M	VPC	WH	26.5	128	*020***52103**

[1] 'Type' value description(s): '**RC461B**' = PowerBalance recessed

[2] 'Lamp' value description(s): '**LED34S**' = LED Module, system flux 3 400 lm, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet

[4] 'Geometry' value description(s): '**W30L120**' = Width 0.30 m, length 1.20 m

[5] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**RJ45-M**' = RJ45 connector, male

[7] 'Housing' value description(s): '**VPC**' = Visible profile ceiling version

[8] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Voltage (V)	Lamp Power Tolerance	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC461B	51 to 54	+/-10%	1	5	26.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC461B	LED34S	840	4000	≥80	86	(0.38, 0.38) SDCM <3	128	3 400	+/-10%

[9] 'Lamp family code' value description(s): 'LED34S' = LED Module, system flux 3 400 lm

[10] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	Safety device	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
RC461B	III	No	IP20	IK02	CE	ENEC+	F	850/5	ROHS

[11] 'Protection class IEC' value description(s): 'III' = Safety class III

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



Simple and flexible solution to design modern light lines in professional and retail spaces

Light line solutions are always in fashion. therefore we know that delivering innovation in this field is crucial. PlainView is a modern looking, neat luminaire offering comfortable, good quality lighting and can also work as a design element. The luminaires offer high quality specifications and flexibility with different options for lumen packages. Thanks to these features and benefits, PlainView delivers ideal lighting in the non-working areas of professional spaces such as offices, educational institutes, and also the welcoming areas and entrances of retail spaces.

Product Range



Detailed Photos

PlainView_Recessed-RC140B-5DPP.tif



A

PlainView_Recessed-RC140B-2DPP.tif



B

PlainView_Recessed-RC140B-1DPP.tif



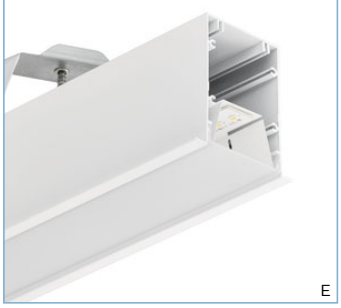
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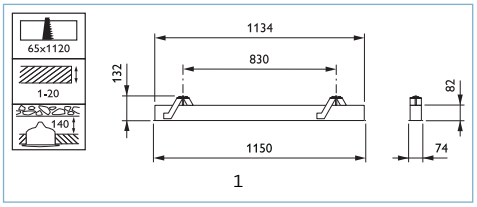
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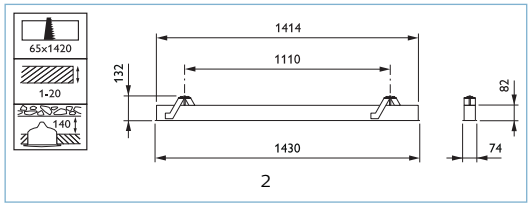


E

Dimension Drawing



1



2

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Housing[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9124...)
RC140B	840	PSD	PI5	PCV	WH	40	90.0	A-E	1	014**83009**
RC140B	840	PSD	PI5	PCV	WH	50	95.0	A-E	2	014**83013**
RC140B	840	PSU	PI	PCV	WH	40	90.0	A-E	1	014**83010**
RC140B	840	PSU	PI	PCV	WH	50	95.0	A-E	2	014**83014**

[1] 'Lamp' value description(s): '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit

[3] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'PI5' = Push-in connector 5-pole

[4] 'Housing' value description(s): 'PCV' = Plaster ceiling version

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC140B	50-60	220 to 240	+/-10%	0.9	275	22	40	1	50 000	30 000	15 000
RC140B	50-60	220 to 240	+/-10%	0.9	275	22	50	1	50 000	30 000	15 000
RC140B	50-60	220 to 240	+/-10%	0.9	280	19	40	1	50 000	30 000	15 000
RC140B	50-60	220 to 240	+/-10%	0.9	280	19	50	1	50 000	30 000	15 000

Light technical data

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC140B	840	4000	≥80	100	(0.38, 0.38) SDCM <3	90.0	3 800	+/-10%
RC140B	840	4000	≥80	100	(0.38, 0.38) SDCM <3	95.0	4 800	+/-10%

[6] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
RC140B	I	IP40	IK02	CE	F	650/30	ROHS

[7] 'Protection class IEC' value description(s): 'I' = Safety class I

[8] 'IP Classification' value description(s): 'IP40' = Wire-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



TrueLine, recessed – True line of light: elegant, energy-efficient and compliant with office lighting norms

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, recessed is able to meet both sets of requirements. TrueLine is also available in suspended and surface-mounted versions.

Product Range


A


B


C


D


E


F


G


H


I


J


K


L


M


N


O

Detailed Photos

Bandraster brackets


A

TrueLine_recessed-RC515B_DP03.tif


B

Air handling


C

Optics integrated in the bandraster module


D

TrueLine_recessed-RC530B_PCV_L1130-DP.tif



E

TrueLine_recessed-RC530B_PCV_ACL_L1170-DP.tif



F

TrueLine-RC530_RC531_RC534B_VPC_PI5-DPP.tif



G

TrueLine-RC530_RC531_RC534B_VPC-DPP.tif



H

TrueLine-RC530_RC531_RC532_RC533B_PCV-2DPP.tif



I

TrueLine-RC530_RC531_RC532_RC533B_PCV-1DPP.tif



J

TrueLine-RC530_RC531B_W_VPC-DPP.tif



K

TrueLine_recessed-RC531B_PCV_L1130-DP.tif



L

TrueLine_recessed-RC531B_PCV_ACL_L1170-DP.tif



M

TrueLine-RC532_RC533B_ELP3-2DPP.tif



N

TrueLine-RC532_RC533B_ELP3-1DPP.tif



O

TrueLine_recessed-RC532B_PCV_L1130_line-DP.tif



P

Coupling feature



Q

Light-line, office-compliant



R

Office-compliant luminaire, view from below



S

DALI connector



T

TrueLine_recessed-RC533B_PCV_L1130_line-DP.tif



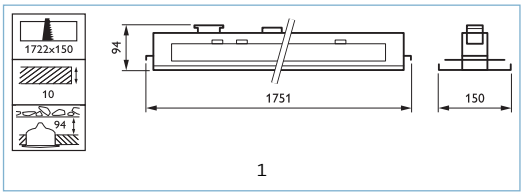
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TrueLine-RC534B_SM534C_SP534P-DPP.tif

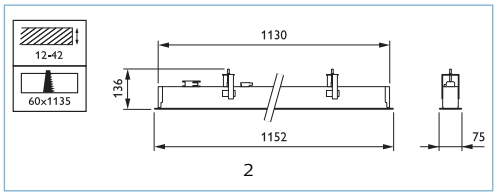


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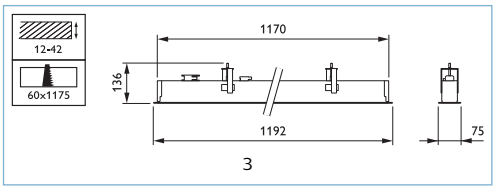
Dimension Drawing



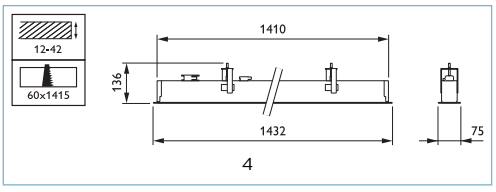
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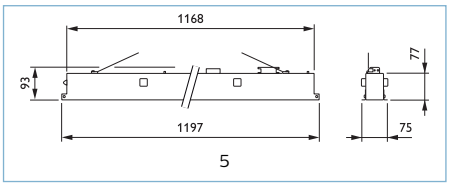
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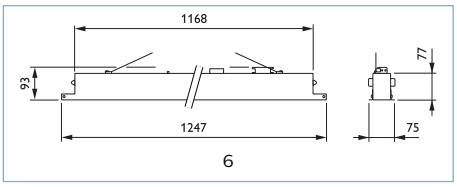
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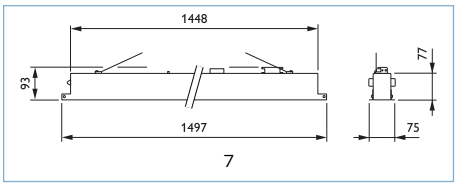
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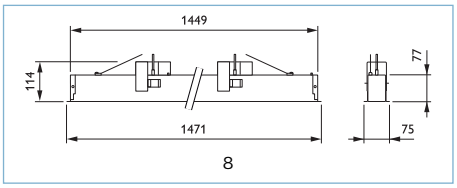
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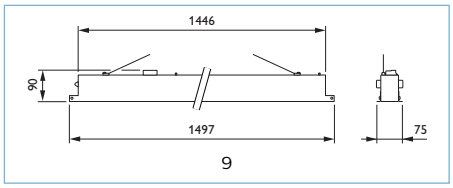
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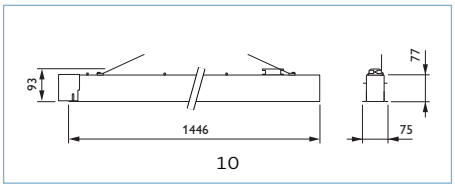
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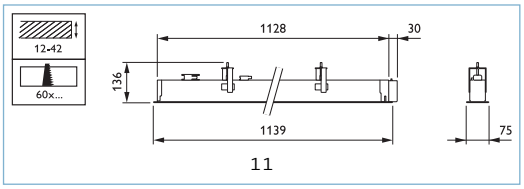
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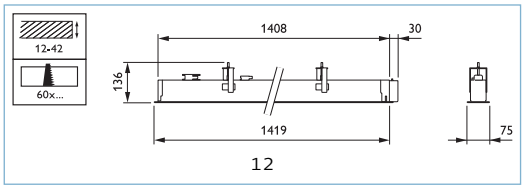
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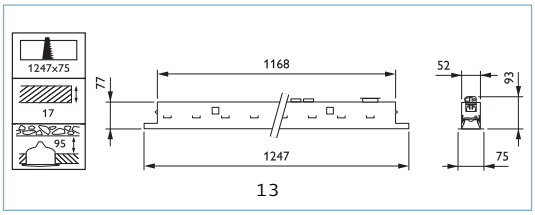
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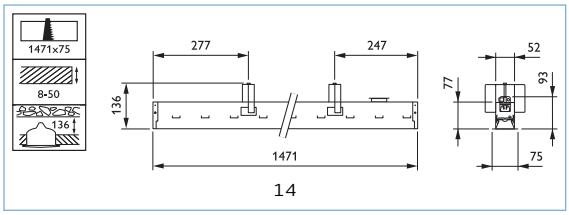
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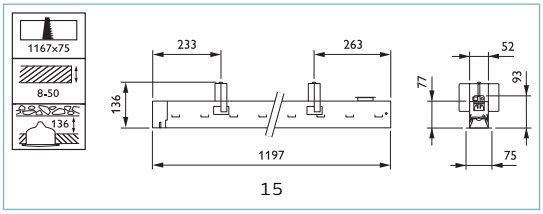
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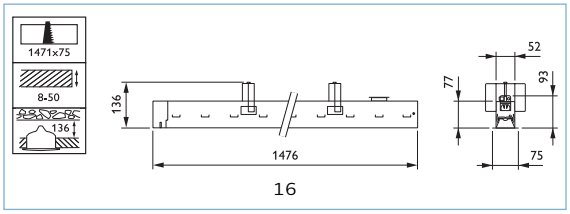
13



14



15



16

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bedded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
RC515B	1 LED34S/840	PSD		PM	W	BCV	WH		24.0	142.0	A	A-C	1	020**47703**
RC515B	1 LED34S/840	PSD		PM	W	BCV	WH		24.0	142.0	B	A, B, D	1	020**47603**
RC515B	1 LED34S/840	PSU		PM	W	BCV	WH		24.0	142.0	A	A-C	1	020**47903**
RC515B	1 LED34S/840	PSU		PM	W	BCV	WH		24.0	142.0	B	A, B, D	1	020**47803**
RC530B	1 LED15S/840	PSD	W8L113	PM	PI5	PCV	WH		10.0	150.0	C	E	2	020**48003**
RC530B	1 LED15S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	11.0	136.0	D	F	3	020**48403**
RC530B	1 LED19S/840	PSD	W8L141	PM	PI5	PCV	WH		12.4	153.0	C		4	020**50603**
RC530B	1 LED25S/840	PSD	W8L113	PM	PI5	PCV	WH		17.5	143.0	C	E	2	020**48103**
RC530B	1 LED25S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	18.5	135.0	D	F	3	020**48503**
RC530B	1 LED31S/840	PSD	W8L141	PM	PI5	PCV	WH		21.5	144.0	C		4	020**50703**
RC530B	1 LED34S/830	PSD	W8L120	PM	PI5	VPC	WH		25.5	133.0	E	G, H	5	020**57103**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bedded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
RC530B	1 LED34S/830	PSD	W8L125	PM	PI5	VPC	WH		25.5	133.0	E	G, H	6	020**58503**
RC530B	1 LED34S/840	PSD	W8L113	PM	PI5	PCV	WH		24.0	142.0	C	E	2	020**48203**
RC530B	1 LED34S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	25.0	136.0	D	F	3	020**48603**
RC530B	1 LED34S/840	PSD	W8L120	PM	PI5	VPC	WH		24.0	142.0	E	G, H	5	020**56703**
RC530B	1 LED34S/840	PSD	W8L125	PM	PI5	VPC	WH		24.0	142.0	E	G, H	6	020**58103**
RC530B	1 LED40S/840	PSD	W8L113	PM	PI5	PCV	WH		29.0	138.0	C	E	2	020**48303**
RC530B	1 LED40S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	30.0	133.0	D	F	3	020**48703**
RC530B	1 LED40S/840	PSD	W8L120	PM	PI5	VPC	WH		29.0	138.0	E	G, H	5	020**56803**
RC530B	1 LED40S/840	PSD	W8L120	PM	PI5	VPC	WH	ACL	30.0	133.0	F	G	5	020**57003**
RC530B	1 LED40S/840	PSD	W8L125	PM	PI5	VPC	WH		29.0	138.0	E	G, H	6	020**58203**
RC530B	1 LED40S/840	PSD	W8L125	PM	PI5	VPC	WH	ACL	30.0	133.0	F	G	6	020**58403**
RC530B	1 LED43S/830	PSD	W8L150	PM	PI5	VPC	WH		34.0	126.0	E	G, H	7	020**57503**
RC530B	1 LED43S/840	PSD	W8L141	PM	PI5	PCV	WH		32.0	134.0	C		4	020**50803**
RC530B	1 LED43S/840	PSD	W8L145	PM	PI6	PCV	WH		3.0	173.0	G	I, J	8	020**55703**
RC530B	1 LED43S/840	PSD	W8L150	PM	PI5	VPC	WH		32.0	134.0	E	G, H	7	020**57303**
RC530B	1 LED43S/840	PSD	W8L150	PM	PI6	VPC	WH		3.0	173.0	H	G, H	9	020**55003**
RC530B	1 LED43S/840	PSD	W8L150	PM	W2	VPC	WH		3.0	173.0	H	H, K	9	020**54903**
RC530B	1 LED50S/840	PSD	W8L141	PM	PI5	PCV	WH		38.5	130.0	C		4	020**50903**
RC530B	1 LED50S/840	PSD	W8L145	PM	PI6	PCV	WH		3.0	173.0	G	I, J	8	020**55803**
RC530B	1 LED50S/840	PSD	W8L150	PM	PI5	VPC	WH		38.5	130.0	E	G, H	7	020**57403**
RC530B	1 LED50S/840	PSD	W8L150	PM	PI5	VPC	WH	ACL	39.5	127.0	F	G	7	020**57603**
RC530B	1 LED50S/840	PSD	W8L150	PM	PI6	VPC	WH		3.0	173.0	H	G, H	9	020**55203**
RC530B	1 LED50S/840	PSD	W8L150	PM	W2	VPC	WH		3.0	173.0	H	H, K	9	020**55103**
RC531B	1 LED15S/830	PSD	W8L113	PM	PI5	PCV	WH		15.6	96.0	I	L	2	020**49203**
RC531B	1 LED15S/830	PSD	W8L120	PM	PI5	VPC	WH		15.6	96.0	E	G, H	5	020**57203**
RC531B	1 LED15S/830	PSD	W8L125	PM	PI5	VPC	WH		15.6	96.0	E	G, H	6	020**58603**
RC531B	1 LED15S/840	PSD	W8L113	PM	PI5	PCV	WH		14.6	103.0	I	L	2	020**49103**
RC531B	1 LED15S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	15.6	96.0	J	M	3	020**49503**
RC531B	1 LED15S/840	PSD	W8L120	PM	PI5	VPC	WH		14.6	103.0	E	G, H	5	020**56903**
RC531B	1 LED15S/840	PSD	W8L125	PM	PI5	VPC	WH		14.6	103.0	E	G, H	6	020**58303**
RC531B	1 LED19S/830	PSD	W8L141	PM	PI5	PCV	WH		18.8	101.0	I		4	020**51403**
RC531B	1 LED19S/830	PSD	W8L150	PM	PI5	VPC	WH		18.8	101.0	E	G, H	7	020**57803**
RC531B	1 LED19S/840	PSD	W8L141	PM	PI5	PCV	WH		17.8	107.0	I		4	020**51303**
RC531B	1 LED19S/840	PSD	W8L145	PM	PI6	PCV	WH		3.0	127.0	G	I, J	8	020**55903**
RC531B	1 LED19S/840	PSD	W8L150	PM	PI5	VPC	WH		17.8	107.0	E	G, H	7	020**57703**
RC531B	1 LED19S/840	PSD	W8L150	PM	PI6	VPC	WH		3.0	127.0	H	G, H	9	020**55403**
RC531B	1 LED19S/840	PSD	W8L150	PM	W2	VPC	WH		3.0	127.0	H	H, K	9	020**55303**
RC531B	1 LED25S/830	PSD	W8L113	PM	PI5	PCV	WH		26.0	96.0	I	L	2	020**49403**
RC531B	1 LED25S/840	PSD	W8L113	PM	PI5	PCV	WH		24.5	102.0	I	L	2	020**49303**
RC531B	1 LED25S/840	PSD	W8L117	PM	PI5	PCV	WH	ACL	25.5	98.0	J	M	3	020**49603**
RC531B	1 LED31S/840	PSD	W8L145	PM	PI6	PCV	WH		3.0	127.0	G	I, J	8	020**56003**
RC531B	1 LED31S/840	PSD	W8L150	PM	PI6	VPC	WH		3.0	127.0	H	G, H	9	020**55603**
RC531B	1 LED31S/840	PSD	W8L150	PM	W2	VPC	WH		3.0	127.0	H	H, K	9	020**55503**
RC532B	1 DLED/840	PSD	W8L145	PM	W2	VPC	WH		3.0	173.0	K	N, O	10	020**56403**
RC532B	1 LED15S/840	PSD	W8L113	PM	PI5	PCV	WH		10.0	150.0	L	P	11	020**48803**
RC532B	1 LED19S/840	PSD	W8L141	PM	PI5	PCV	WH		12.4	153.0	L		12	020**51003**
RC532B	1 LED19S/840	PSD	W8L145	PM	W2	VPC	WH		3.0	173.0	K	N, O	10	020**56103**
RC532B	1 LED25S/840	PSD	W8L113	PM	PI5	PCV	WH		17.5	143.0	L	P	11	020**48903**
RC532B	1 LED25S/840	PSD	W8L113	PM	PI5	VPC	WH		17.5	143.0	L	Q-T	11	020**43803**
RC532B	1 LED31S/840	PSD	W8L141	PM	PI5	PCV	WH		21.5	144.0	L		12	020**51103**
RC532B	1 LED31S/840	PSD	W8L141	PM	PI5	VPC	WH		21.5	144.0	L	Q-T	12	020**44603**
RC532B	1 LED31S/840	PSD	W8L145	PM	W2	VPC	WH		3.0	173.0	K	N, O	10	020**56203**
RC532B	1 LED34S/840	PSD	W8L113	PM	PI5	PCV	WH		24.0	142.0	L	P	11	020**49003**
RC532B	1 LED43S/840	PSD	W8L141	PM	PI5	PCV	WH		32.0	134.0	L		12	020**51203**
RC532B	1 LED43S/840	PSD	W8L145	PM	W2	VPC	WH		3.0	173.0	K	N, O	10	020**56303**
RC533B	1 LED15S/840	PSD	W8L113	PM	PI5	PCV	WH		14.6	103.0	M	U	11	020**49703**
RC533B	1 LED19S/830	PSD	W8L141	PM	PI5	PCV	WH		18.8	101.0	M		12	020**51603**
RC533B	1 LED19S/840	PSD	W8L141	PM	PI5	PCV	WH		17.8	107.0	M		12	020**51503**
RC533B	1 LED19S/840	PSD	W8L145	PM	W2	VPC	WH		3.0	127.0	K	N, O	10	020**56503**
RC533B	1 LED25S/840	PSD	W8L113	PM	PI5	PCV	WH		24.5	102.0	M	U	11	020**49803**
RC533B	1 LED31S/840	PSD	W8L145	PM	W2	VPC	WH		3.0	127.0	K	N, O	10	020**56603**
RC534B	1 LED40S/840	PSD	W8L120	PM	PI5	VPC	WH		34.5	116.0	N	G, H, V	5	020**57903**
RC534B	1 LED40S/840	PSD	W8L125	PM	PI5	VPC	WH		34.5	116.0	N		13	020**58703**
RC534B	1 LED43S/840	PSD	W8L141	PM	PI5	PCV	WH		35.5	121.0	N		14	020**58803**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Hous-ing[7]	Acces-sory color[8]	Em-bedded con-trol[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
RC534B	1 LED50S/840	PSD	W8L141	PM	PI5	PCV	WH		42.5	118.0	N		14	020**58903**
RC534B	1 LED50S/840	PSD	W8L150	PM	PI5	VPC	WH		42.5	118.0	N	G, H, V	7	020**58003**
RC535B	1 LED34S/840	PSD	W8L113	PM	PI5	PCV	WH		28.0	121.0	O		15	020**59003**
RC535B	1 LED40S/840	PSD	W8L113	PM	PI5	PCV	WH		34.5	116.0	O		15	020**59103**
RC535B	1 LED43S/840	PSD	W8L141	PM	PI5	PCV	WH		35.5	121.0	O		16	020**59203**
RC535B	1 LED50S/840	PSD	W8L141	PM	PI5	PCV	WH		42.5	118.0	O		16	020**59303**

[1] 'Type' value description(s): 'RC515B' = TrueLine Recessed Band Raster OC, 'RC530B' = TrueLine Recessed OC, 'RC531B' = TrueLine Recessed NOC, 'RC532B' = TrueLine Recessed Line OC, 'RC533B' = TrueLine Recessed Line NOC, 'RC534B' = TrueLine Recessed Standalone Asym, 'RC535B' = TrueLine Recessed Line Asym

[2] 'Lamp' value description(s): 'DLED' = DLED Module, 'LED15S' = LED Module, system flux 1 500 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED25S' = LED Module, system flux 2 500 lm, 'LED31S' = LED Module, system flux 3 100 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED50S' = LED Module, system flux 5 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit

[4] 'Geometry' value description(s): 'W8L113' = Width 0.08 m, length 1.13 m, 'W8L117' = Width 0.08 m, length 1.17 m, 'W8L120' = Width 0.08 m, length 1.20 m, 'W8L125' = Width 0.08 m, length 1.25 m, 'W8L141' = Width 0.08 m, length 1.41 m, 'W8L145' = Width 0.08 m, length 1.45 m, 'W8L150' = Width 0.08 m, length 1.50 m

[5] 'Optical cover/lens type' value description(s): 'PM' = Polymethyl methacrylate bowl/cover

[6] 'Connection' value description(s): 'PI5' = Push-in connector 5-pole, 'PI6' = Push-in connector 6-pole, 'W' = Plug-in connector 3-pole Wieland/Adels compatible, 'W2' = Plug-in connector 2-pole Wieland/Adels compatible

[7] 'Housing' value description(s): 'BCV' = Bandraster ceiling version, 'PCV' = Plaster ceiling version, 'VPC' = Visible profile ceiling version

[8] 'Accessory color' value description(s): 'WH' = White

[9] 'Embedded control' value description(s): 'ACL' = ActiLume

Accessory Range

End caps, two pieces



Accessory Specification

Type[10]	Accessory color[11]	Material[12]	Product Length (mm)	CE mark	Mech. impact protection code[13]	IP Classifi-cation[14]	Protection class IEC[15]	Mechanical accessories[16]	SAP Packing (Piece)/Pack-aging configuration	Material Nr. (12NC) (9104...)
RC530Z	WH	STL	75	CE	IK02	IP20	I	EP	CT / 20	032**19703**

[10] 'Type' value description(s): 'RC530Z' = TrueLine ACC

[11] 'Accessory color' value description(s): 'WH' = White

[12] 'Material' value description(s): 'STL' = Steel

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected

[15] 'Protection class IEC' value description(s): 'I' = Safety class I

[16] 'Mechanical accessories' value description(s): 'EP' = End piece

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC515B	50-60	220-240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	25.5	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	30.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	34.0	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
RC530B	50-60	220 to 240	+/-10%	0.9	0.28	19	39.5	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	10.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	11.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	12.4	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	17.5	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	18.5	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	21.5	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	25.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	30.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
RC530B	50-60	220-240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
RC531B	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
RC531B	50-60	220 to 240	+/-10%	0.9	0.28	19	14.6	1	70 000	50 000	25 000
RC531B	50-60	220 to 240	+/-10%	0.9	0.28	19	15.6	1	70 000	50 000	25 000
RC531B	50-60	220 to 240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
RC531B	50-60	220 to 240	+/-10%	0.9	0.28	19	18.8	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	14.6	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	15.6	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	18.8	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	24.5	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	25.5	1	70 000	50 000	25 000
RC531B	50-60	220-240	+/-10%	0.9	0.28	19	26.0	1	70 000	50 000	25 000
RC532B	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
RC532B	50-60	220 to 240	+/-10%	0.9	0.28	19	21.5	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	10.0	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	12.4	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	17.5	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	21.5	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
RC532B	50-60	220-240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
RC533B	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
RC533B	50-60	220-240	+/-10%	0.9	0.28	19	14.6	1	70 000	50 000	25 000
RC533B	50-60	220-240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
RC533B	50-60	220-240	+/-10%	0.9	0.28	19	18.8	1	70 000	50 000	25 000
RC533B	50-60	220-240	+/-10%	0.9	0.28	19	24.5	1	70 000	50 000	25 000
RC534B	50-60	220 to 240	+/-10%	0.9	0.28	19	34.5	1	70 000	50 000	25 000
RC534B	50-60	220 to 240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000
RC534B	50-60	220-240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
RC534B	50-60	220-240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000
RC535B	50-60	220-240	+/-10%	0.9	0.28	19	28.0	1	70 000	50 000	25 000
RC535B	50-60	220-240	+/-10%	0.9	0.28	19	34.5	1	70 000	50 000	25 000
RC535B	50-60	220-240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
RC535B	50-60	220-240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[17]	Light source color[18]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC515B	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	3 400	+/-10%
RC530B	LED15S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136.0	1 500	+/-10%
RC530B	LED15S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	150.0	1 500	+/-10%
RC530B	LED19S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	153.0	1 900	+/-10%
RC530B	LED25S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	135.0	2 500	+/-10%
RC530B	LED25S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	143.0	2 500	+/-10%
RC530B	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144.0	3 100	+/-10%
RC530B	LED34S	830	3000	≥80	100	(0.43, 0.40) SDCM<3	133.0	3 400	+/-10%
RC530B	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136.0	3 400	+/-10%
RC530B	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	3 400	+/-10%
RC530B	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	133.0	4 000	+/-10%
RC530B	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	4 000	+/-10%
RC530B	LED43S	830	3000	≥80	100	(0.43, 0.40) SDCM<3	126.0	4 300	+/-10%
RC530B	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	4 300	+/-10%
RC530B	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%

More data see next page

Type	Lamp family code[17]	Light source color[18]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC530B	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	127.0	5 000	+/-10%
RC530B	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	130.0	5 000	+/-10%
RC530B	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
RC531B	LED15S	830	3000	≥80	160	(0.43, 0.40) SDCM<3	96.0	1 500	+/-10%
RC531B	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	96.0	1 500	+/-10%
RC531B	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	103.0	1 500	+/-10%
RC531B	LED19S	830	3000	≥80	160	(0.43, 0.40) SDCM<3	101.0	1 900	+/-10%
RC531B	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	107.0	1 900	+/-10%
RC531B	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
RC531B	LED25S	830	3000	≥80	160	(0.43, 0.40) SDCM<3	96.0	2 500	+/-10%
RC531B	LED25S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	98.0	2 500	+/-10%
RC531B	LED25S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	102.0	2 500	+/-10%
RC531B	LED31S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
RC532B	DLED	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
RC532B	LED15S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	150.0	1 500	+/-10%
RC532B	LED19S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	153.0	1 900	+/-10%
RC532B	LED19S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
RC532B	LED25S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	143.0	2 500	+/-10%
RC532B	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144.0	3 100	+/-10%
RC532B	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
RC532B	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	3 400	+/-10%
RC532B	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	4 300	+/-10%
RC532B	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
RC533B	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	103.0	1 500	+/-10%
RC533B	LED19S	830	3000	≥80	160	(0.43, 0.40) SDCM<3	101.0	1 900	+/-10%
RC533B	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	107.0	1 900	+/-10%
RC533B	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
RC533B	LED25S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	102.0	2 500	+/-10%
RC533B	LED31S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
RC534B	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	116.0	4 000	+/-10%
RC534B	LED43S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	4 300	+/-10%
RC534B	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118.0	5 000	+/-10%
RC535B	LED34S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	3 400	+/-10%
RC535B	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	116.0	4 000	+/-10%
RC535B	LED43S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	4 300	+/-10%
RC535B	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118.0	5 000	+/-10%

[17] 'Lamp family code' value description(s): '**DLED**' = DLED Module, '**LED15S**' = LED Module, system flux 1 500 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED25S**' = LED Module, system flux 2 500 lm, '**LED31S**' = LED Module, system flux 3 100 lm, '**LED34S**' = LED Module, system flux 3 400 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**LED43S**' = LED Module, system flux 4 300 lm, '**LED50S**' = LED Module, system flux 5 000 lm

[18] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[19]	IP Classification[20]	Mech. impact protection code[21]	CE mark	ENEC mark	Flammability mark[22]	Glow-wire test[23] (°C/s)	RoHS mark
RC515B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC530B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC531B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC532B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC533B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC534B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS
RC535B	I	IP20	IK02	CE	ENEC+	F	650/5	ROHS

[19] 'Protection class IEC' value description(s): '**I**' = Safety class I

[20] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[21] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[22] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[23] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



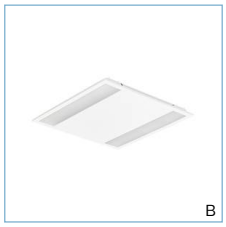
CoreLine Recessed – the clear choice for LED

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product Range


A


B

Detailed Photos

CoreLine_Recessed-RC134B_W30L120-DPP.tif


A

CoreLine_Recessed-RC134B_W30L120_electr-DPP.tif


B

CoreLine_Recessed-RC134B_W30L120_led_compartment-DPP.tif


C

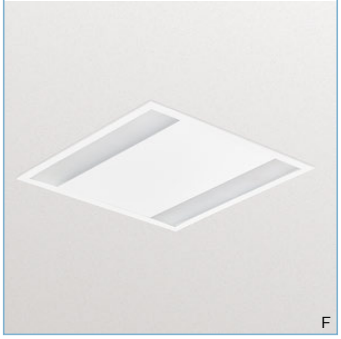
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D

CoreLine_Recessed-RC134B_plaster_ceiling_W30L120-DPP.tif


E

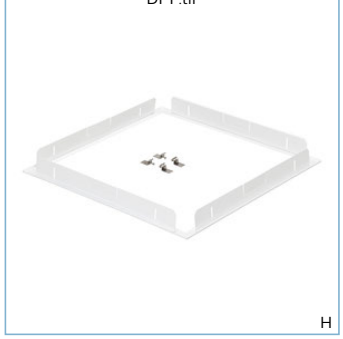
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F

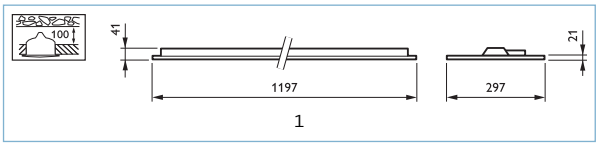
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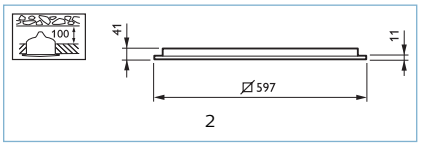
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H

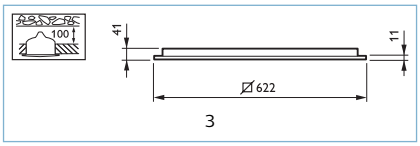
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
RC134B	LED27S/830	PSD	W30L120	WB	PIP	WH	23.0	117.0	A	A-E	1	258**64774**
RC134B	LED27S/830	PSD	W30L120	WB	PIP	WH	30.5	89.0	A	A-E	1	258**64761**
RC134B	LED27S/830	PSD	W30L120	WB	PIP	WH	34.0	79.0	A	A-E	1	258**64799**
RC134B	LED27S/830	PSD	W60L60	WB	PIP	WH	23.0	117.0	B	F-H	2	258**64772**
RC134B	LED27S/830	PSD	W60L60	WB	PIP	WH	30.5	89.0	B	F-H	2	258**64759**
RC134B	LED27S/830	PSU	W30L120	WB	PIP	WH	28.5	95.0	A	A-E	1	258**64755**
RC134B	LED27S/830	PSU	W30L120	WB	PIP	WH	32.0	84.0	A	A-E	1	258**64797**
RC134B	LED27S/830	PSU	W60L60	WB	PIP	WH	28.5	95.0	B	F-H	2	258**64753**
RC134B	LED27S/840	PSD	W30L120	WB	PIP	WH	22.0	123.0	A	A-E	1	258**64770**
RC134B	LED27S/840	PSD	W30L120	WB	PIP	WH	25.5	106.0	A	A-E	1	258**64795**
RC134B	LED27S/840	PSD	W30L120	WB	PIP	WH	26.5	102.0	A	A-E	1	258**64784**
RC134B	LED27S/840	PSD	W30L120	WB	PIP	WH	30.5	89.0	A	A-E	1	258**64793**
RC134B	LED27S/840	PSD	W60L60	WB	PIP	WH	22.0	123.0	B	F-H	2	258**64768**
RC134B	LED27S/840	PSD	W60L60	WB	PIP	WH	25.5	106.0	B	F-H	2	258**64780**
RC134B	LED27S/840	PSD	W60L60	WB	PIP	WH	26.5	102.0	B	F-H	2	258**64783**
RC134B	LED27S/840	PSD	W60L60	WB	PIP	WH	30.5	89.0	B	F-H	2	258**64786**
RC134B	LED27S/840	PSU	W30L120	WB	PIP	WH	27.0	100.0	A	A-E	1	258**64782**
RC134B	LED27S/840	PSU	W30L120	WB	PIP	WH	30.5	89.0	A	A-E	1	258**64791**
RC134B	LED27S/840	PSU	W60L60	WB	PIP	WH	27.0	100.0	B	F-H	2	258**64781**
RC134B	LED27S/840	PSU	W60L60	WB	PIP	WH	30.5	89.0	B	F-H	2	258**64785**
RC134B	LED37S/830	PSD	W30L120	WB	PIP	WH	31.5	117.0	A	A-E	1	258**64773**
RC134B	LED37S/830	PSD	W30L120	WB	PIP	WH	35.0	106.0	A	A-E	1	258**64802**
RC134B	LED37S/830	PSD	W30L120	WB	PIP	WH	35.5	104.0	A	A-E	1	258**64760**
RC134B	LED37S/830	PSD	W30L120	WB	PIP	WH	39.0	95.0	A	A-E	1	258**64801**
RC134B	LED37S/830	PSD	W60L60	WB	PIP	WH	31.5	117.0	B	F-H	2	258**64771**
RC134B	LED37S/830	PSD	W60L60	WB	PIP	WH	35.5	104.0	B	F-H	2	258**64758**
RC134B	LED37S/830	PSR-E	W30L120	WB	PIP	WH	35.4	105.0	A	E	1	258**65177**
RC134B	LED37S/830	PSR-E	W30L120	WB	PIP	WH	35.4	105.0	A	E	1	258**65178**
RC134B	LED37S/830	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D, F	2	258**65172**
RC134B	LED37S/830	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D, F	2	258**65171**
RC134B	LED37S/830	PSU	W30L120	WB	PIP	WH	34.0	109.0	A	A-E	1	258**64754**
RC134B	LED37S/830	PSU	W30L120	WB	PIP	WH	34.5	107.0	A	A-E	1	258**64790**
RC134B	LED37S/830	PSU	W30L120	WB	PIP	WH	38.0	97.0	A	A-E	1	258**64798**
RC134B	LED37S/830	PSU	W60L60	WB	PIP	WH	34.0	109.0	B	F-H	2	258**64752**
RC134B	LED37S/830	PSU	W60L60	WB	PIP	WH	34.5	107.0	B	F-H	2	258**64789**
RC134B	LED37S/840	PSD	W30L120	WB	PIP	WH	31.5	117.0	A	A-E	1	258**64769**
RC134B	LED37S/840	PSD	W30L120	WB	PIP	WH	35.0	106.0	A	A-E	1	258**64796**
RC134B	LED37S/840	PSD	W30L120	WB	PIP	WH	35.5	104.0	A	A-E	1	258**64757**
RC134B	LED37S/840	PSD	W30L120	WB	PIP	WH	35.5	104.0	A	A-E	1	258**64794**
RC134B	LED37S/840	PSD	W60L60	WB	PIP	WH	31.5	117.0	B	F-H	2	258**64762**
RC134B	LED37S/840	PSD	W60L60	WB	PIP	WH	35.0	106.0	B	F-H	2	258**64779**
RC134B	LED37S/840	PSD	W60L60	WB	PIP	WH	35.5	104.0	B	F-H	2	258**64756**
RC134B	LED37S/840	PSD	W60L60	WB	PIP	WH	39.0	95.0	B	F-H	2	258**64778**
RC134B	LED37S/840	PSR-E	W30L120	WB	PIP	WH	35.4	105.0	A	E	1	258**65175**
RC134B	LED37S/840	PSR-E	W30L120	WB	PIP	WH	35.4	105.0	A	E	1	258**65174**
RC134B	LED37S/840	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D, F	2	258**65170**
RC134B	LED37S/840	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D, F	2	258**65169**
RC134B	LED37S/840	PSU	W30L120	WB	PIP	WH	30.5	121.0	A	A-E	1	258**64788**
RC134B	LED37S/840	PSU	W30L120	WB	PIP	WH	34.0	109.0	A	A-E	1	258**64776**
RC134B	LED37S/840	PSU	W30L120	WB	PIP	WH	38.0	97.0	A	A-E	1	258**64792**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
RC134B	LED37S/840	PSU	W60L60	WB	PIP	WH	30.5	121.0	B	F-H	2	258**64787**
RC134B	LED37S/840	PSU	W60L60	WB	PIP	WH	34.0	109.0	B	F-H	2	258**64775**
RC134B	LED37S/840	PSU	W60L60	WB	PIP	WH	38.0	97.0	B	F-H	2	258**64777**
RC135B	LED27S/840	PSD	W62L62	WB	PIP	WH	22.0	123.0	B	F, G	3	258**64805**
RC135B	LED27S/840	PSD	W62L62	WB	PIP	WH	26.5	102.0	B	F, G	3	258**64808**
RC135B	LED27S/840	PSU	W62L62	WB	PIP	WH	27.0	100.0	B	F, G	3	258**64807**
RC135B	LED37S/840	PSD	W62L62	WB	PIP	WH	31.5	117.0	B	F, G	3	258**64804**
RC135B	LED37S/840	PSD	W62L62	WB	PIP	WH	35.5	104.0	B	F, G	3	258**64809**
RC135B	LED37S/840	PSR-E	W62L62	WB	PIP	WH	35.4	105.0	B	D, F	3	258**65176**
RC135B	LED37S/840	PSR-E	W62L62	WB	PIP	WH	35.4	105.0	B	D, F	3	258**65173**
RC135B	LED37S/840	PSU	W62L62	WB	PIP	WH	30.5	121.0	B	F, G	3	258**64806**
RC135B	LED37S/840	PSU	W62L62	WB	PIP	WH	34.0	109.0	B	F, G	3	258**64803**

[1] 'Type' value description(s): 'RC134B' = Coreline Recessed, 'RC135B' = Coreline Recessed

[2] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSR-E' = Power supply unit regulating external, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'WB' = Wide beam

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Coreline Recessed Acc.

A

Coreline Recessed Acc.

B

Accessory Specification

Type[7]	Type description	Accessory color[8]	Material[9]	CE mark	Ceiling mounting accessories[10]	Photo letter	SAP Packing (Piece)/Packag-ing configuration	Material Nr. (12NC) (9109...)
RC134Z	Width 300 mm, length 1 200 mm	WH	STL	CE	CFRM-PLC	A	UNP / 1	258**64623**
RC134Z	Width 600 mm, length 600 mm	WH	STL	CE		B	UNP / 1	258**64621**
RC135Z	Width 625 mm, length 625 mm	WH	STL	CE		B	UNP / 1	258**64622**

[7] 'Type' value description(s): 'RC134Z' = Coreline Recessed Acc., 'RC135Z' = Coreline Recessed Acc.

[8] 'Accessory color' value description(s): 'WH' = White

[9] 'Material' value description(s): 'STL' = Steel

[10] 'Ceiling mounting accessories' value description(s): 'CFRM-PLC' = Ceiling frame for recessed mounting for plaster ceiling

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC134B	50-60	220 to 240	+/-10%	0.9	0.060	8.0	34.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.060	8.0	38.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.070	5.3	27.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.070	5.3	30.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.0	28.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.0	32.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	22.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	23.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	25.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	26.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	30.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	34.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.280	19.0	30.5	1	50 000	30 000	15 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC134B	50-60	220 to 240	+/-10%	0.9	0.280	19.0	34.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	31.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	35.0	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	35.5	1	50 000	30 000	15 000
RC134B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	39.0	1	50 000	30 000	15 000
RC134B	50-60	220-240	+/-10%	0.9	0.275	22.0	35.4	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.060	8.0	34.0	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.070	5.3	27.0	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	22.0	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.250	14.7	26.5	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.280	19.0	30.5	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	31.5	1	50 000	30 000	15 000
RC135B	50-60	220 to 240	+/-10%	0.9	0.275	22.0	35.5	1	50 000	30 000	15 000
RC135B	50-60	220-240	+/-10%	0.9	0.275	22.0	35.4	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC134B	LED27S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	117.0	2 700	+/-8%
RC134B	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	79.0	2 700	+/-8%
RC134B	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	84.0	2 700	+/-8%
RC134B	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	89.0	2 700	+/-8%
RC134B	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	95.0	2 700	+/-8%
RC134B	LED27S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	106.0	2 700	+/-8%
RC134B	LED27S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	123.0	2 700	+/-8%
RC134B	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	89.0	2 700	+/-8%
RC134B	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	100.0	2 700	+/-8%
RC134B	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	102.0	2 700	+/-8%
RC134B	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	105.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	106.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	107.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	117.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	95.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	97.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	104.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	105.0	3 700	+/-8%
RC134B	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	109.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	106.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	117.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	121.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	95.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	97.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	104.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
RC134B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	109.0	3 700	+/-8%
RC135B	LED27S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	123.0	2 700	+/-8%
RC135B	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	100.0	2 700	+/-8%
RC135B	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	102.0	2 700	+/-8%
RC135B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
RC135B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	117.0	3 700	+/-8%
RC135B	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	121.0	3 700	+/-8%
RC135B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	104.0	3 700	+/-8%
RC135B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
RC135B	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	109.0	3 700	+/-8%

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
RC134B	I	IP20/44	IK02	CE	ENEC	F	850/30	ROHS
RC134B	I	IP44	IK02	CE	ENEC	F	850/30	ROHS
RC135B	I	IP20/44	IK02	CE	ENEC	F	850/30	ROHS
RC135B	I	IP44	IK02	CE	ENEC	F	850/30	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I

[13] 'IP Classification' value description(s): 'IP20/44' = Finger-protected; wire-protected, splash-proof, 'IP44' = Wire-protected, splash-proof

[14] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[15] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

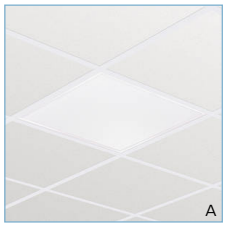
[16] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s

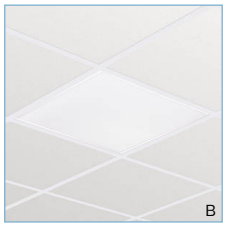


CoreLine Panel – the clear choice for LED

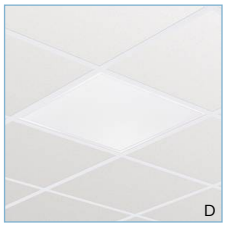
Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Panel range of LED products can be used to replace functional luminaires in general lighting applications. Both Non-Office Compliant (NOC) version and Office Compliant version (OC) are now available. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product Range

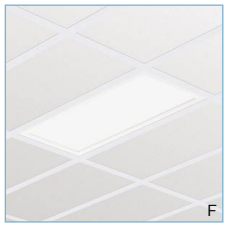
















Detailed Photos

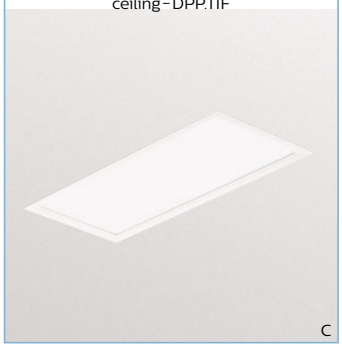
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CoreLine Panel_RC132V_connection box-DPP.TIF



CoreLine Panel RC132V_W30L60_plaster ceiling-DPP.TIF



CoreLine Panel RC132V_W30L60_suspended-DPP.TIF



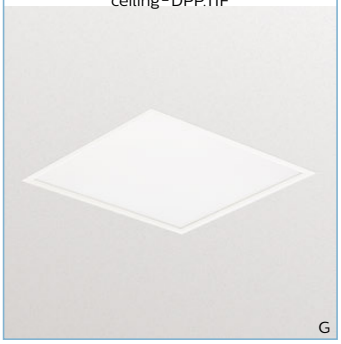
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E

CoreLine Panel RC132V_W30L60_surface mounted-DPP.TIF

F

CoreLine Panel RC132V_W60L60_RC133V_W62L62_plaster ceiling-DPP.TIF



G

CoreLine Panel RC132V_W60L60_RC133V_W62L62_surface mounted-DPP.TIF

H

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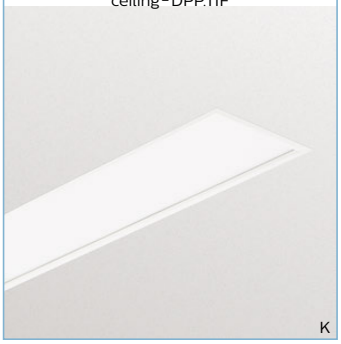
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CoreLine Panel_RC132V_W60L60_RC133V_W62L62 DPP.TIF



J

CoreLine Panel RC132V_W30L120_plaster ceiling-DPP.TIF



K

CoreLine Panel RC132V_W30L120_surface mounted-DPP.TIF

L

CoreLine Panel RC132V_W30L120_suspended-DPP.TIF

M

CoreLine Panel_RC132V_W30L120_PSU-DPP.TIF

N

CoreLine Panel_RC132V_W60L60_RC133V_W62L62 DPP.TIF

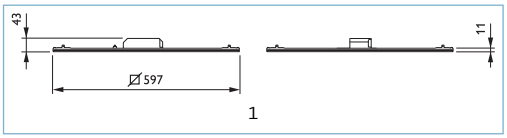
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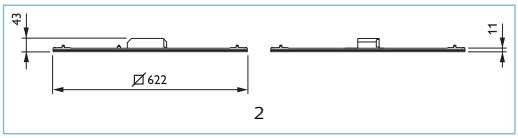


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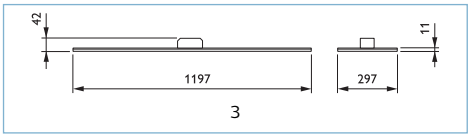
Dimension Drawing



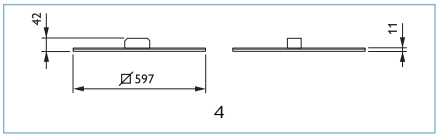
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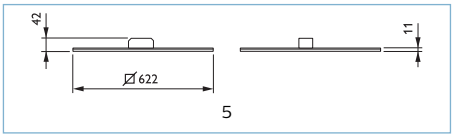
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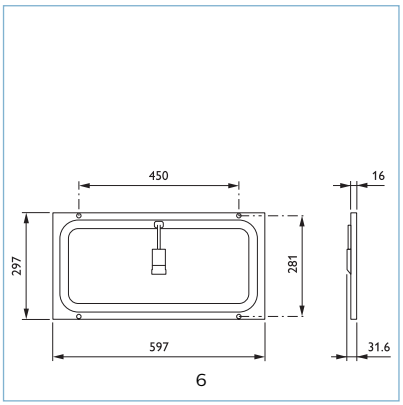
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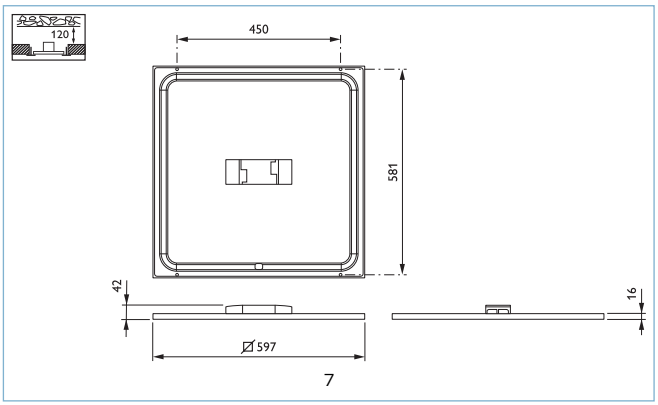
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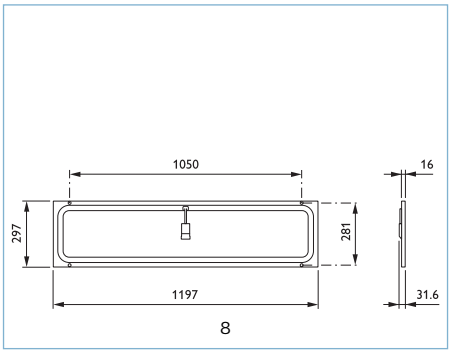
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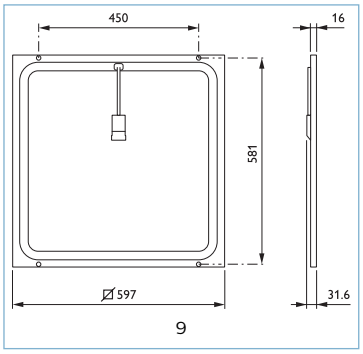
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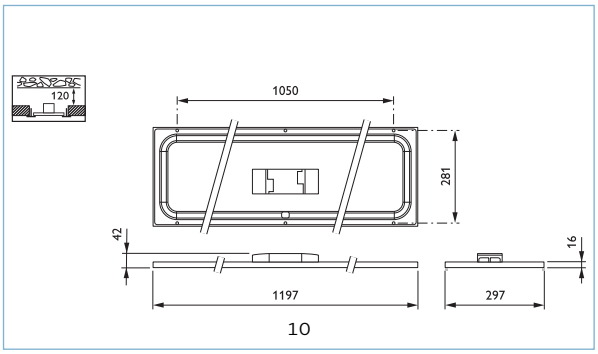
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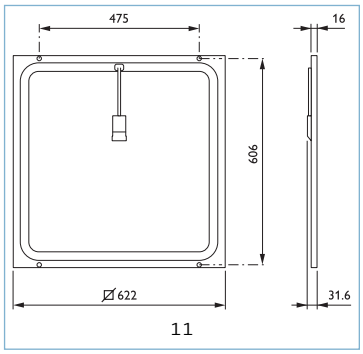
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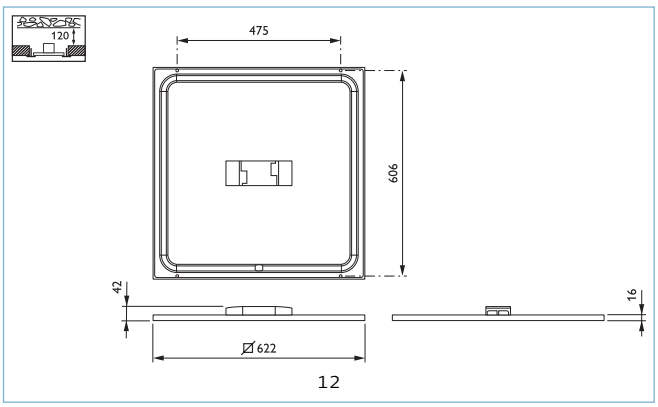
9



10



11



12

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optic type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
RC125B	LED32S/830	PSU	W60L60		PIP	WH	36	94.0	A		1	910503910256
RC125B	LED36S/840	PSU	W60L60		PIP	WH	36	100.0	A		1	910503910255
RC126B	LED32S/830	PSU	W62L62		PIP	WH	36	94.0	B		2	910503910258
RC126B	LED36S/840	PSU	W62L62		PIP	WH	36	100.0	B		2	910503910257
RC127V	LED32S/830	PSD	W30L120		PIP	WH	36	94.0	C		3	910503910266
RC127V	LED32S/830	PSD	W30L120		PIP	WH	36	94.0	C		3	910503910326
RC127V	LED32S/830	PSD	W60L60		PIP	WH	36	94.0	D		4	910503910324
RC127V	LED32S/830	PSD	W60L60		PIP	WH	36	94.0	D		4	910503910264
RC127V	LED32S/830	PSU	W30L120		PIP	WH	36	94.0	C		3	910503910262
RC127V	LED32S/830	PSU	W60L60		PIP	WH	36	94.0	D		4	910503910260
RC127V	LED34S/830	PSU	W30L120		PIP	WH	41	83.0	C		3	910503910322
RC127V	LED34S/830	PSU	W60L60		PIP	WH	41	83.0	D		4	910503910320
RC127V	LED36S/840	PSD	W30L120		PIP	WH	36	100.0	C		3	910503910325
RC127V	LED36S/840	PSD	W30L120		PIP	WH	36	100.0	C		3	910503910265
RC127V	LED36S/840	PSD	W60L60		PIP	WH	36	100.0	D		4	910503910263
RC127V	LED36S/840	PSD	W60L60		PIP	WH	36	100.0	D		4	910503910323
RC127V	LED36S/840	PSU	W30L120		PIP	WH	36	100.0	C		3	910503910321
RC127V	LED36S/840	PSU	W30L120		PIP	WH	36	100.0	C		3	910503910261
RC127V	LED36S/840	PSU	W60L60		PIP	WH	36	100.0	D		4	910503910259
RC127V	LED36S/840	PSU	W60L60		PIP	WH	36	100.0	D		4	910503910319
RC128V	LED32S/830	PSD	W62L62		PIP	WH	41	78.0	E		5	910503910270
RC128V	LED32S/830	PSU	W62L62		PIP	WH	41	78.0	E		5	910503910268

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optic type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
RC128V	LED34S/830	PSD	W62L62		PIP	WH	36	94.0	E		5	910503910306
RC128V	LED34S/830	PSD	W62L62		PIP	WH	36	94.0	E		5	910503910330
RC128V	LED34S/830	PSU	W62L62		PIP	WH	36	94.0	E		5	910503910328
RC128V	LED34S/840	PSD	W62L62		PIP	WH	36	94.0	E		5	910503910269
RC128V	LED34S/840	PSU	W62L62		PIP	WH	36	94.0	E		5	910503910267
RC128V	LED36S/840	PSD	W62L62		PIP	WH	36	100.0	E		5	910503910305
RC128V	LED36S/840	PSD	W62L62		PIP	WH	36	100.0	E		5	910503910329
RC128V	LED36S/840	PSU	W62L62		PIP	WH	36	100.0	E		5	910503910327
RC132V	LED18S/840	PSU	W30L60	110	PIP	WH	16	110.0	F	A-F	6	910503910308
RC132V	LED34S/830	PSD	W60L60	90	PIP	WH	35	100.0				912401483166
RC132V	LED34S/830	PSR	W60L60		PIP	WH	34	94.0	G	A, G-J	7	912401483124
RC132V	LED34S/830	PSR	W60L60		PIP	WH	34	94.0	G	A, G-J	7	912401483128
RC132V	LED34S/830	PSU	W30L120	90	PIP	WH	33	105.0	H	K-N	8	910503910315
RC132V	LED34S/830	PSU	W60L60	90	PIP	WH	33	105.0	G	A, B, G-I, O	9	910503910311
RC132V	LED34S/830	PSU	W60L60	110	PIP	WH	33	105.0				912401483171
RC132V	LED36/840	PSD	W30L120		PIP	WH	36	100.0				910500465358
RC132V	LED36/840	PSD	W60L60		PIP	WH	40	100.0				910500465357
RC132V	LED36S/830	PSD	W30L120	90	PIP	WH	35	100.0				912401483170
RC132V	LED36S/840	PSD	W30L120	90	PIP	WH	35	105.0				912401483169
RC132V	LED36S/840	PSD	W60L60	90	PIP	WH	35	105.0				912401483165
RC132V	LED36S/840	PSR	W30L120		PIP	WH	34	100.0	H	A, K-M, P	10	912401483130
RC132V	LED36S/840	PSR	W30L120		PIP	WH	34	100.0	H	A, K-M, P	10	912401483126
RC132V	LED36S/840	PSR	W60L60		PIP	WH	34	100.0	G	A, G-J	7	912401483123
RC132V	LED36S/840	PSR	W60L60		PIP	WH	34	100.0	G	A, G-J	7	912401483127
RC132V	LED36S/840	PSU	W30L120		PIP	WH	36	100.0				910500465361
RC132V	LED36S/840	PSU	W30L120		PIP	WH	36	100.0				910500465363
RC132V	LED36S/840	PSU	W30L120	90	PIP	WH	33	110.0	H	K-N	8	910503910314
RC132V	LED36S/840	PSU	W30L120	110	PIP	WH	33	105.0	H	A, B, K-N	8	910503910309
RC132V	LED36S/840	PSU	W60L60		PIP	WH	36	100.0				910500465360
RC132V	LED36S/840	PSU	W60L60		PIP	WH	40	100.0				910500465362
RC132V	LED36S/840	PSU	W60L60	90	PIP	WH	33	110.0	G	A, B, G-I, O	9	910503910310
RC132V	LED36S/840	PSU	W60L60	110	PIP	WH	33	110.0	G	A, B, G-I, O	9	910503910307
RC133V	LED34S/830	PSU	W62L62	90	PIP	WH	33	105.0	G	A, B, G-I, O	11	910503910313
RC133V	LED36S/830	PSD	W62L62	90	PIP	WH	35	100.0				912401483168
RC133V	LED36S/830	PSU	W62L62	110	PIP	WH	33	105.0				912401483173
RC133V	LED36S/840	PSD	W62L62	90	PIP	WH	35	105.0				912401483167
RC133V	LED36S/840	PSR	W62L62		PIP	WH	34	100.0	G	A, G-J	12	912401483125
RC133V	LED36S/840	PSR	W62L62		PIP	WH	34	100.0	G	A, G-J	12	912401483129
RC133V	LED36S/840	PSU	W62L62	90	PIP	WH	33	110.0	G	A, B, G-I, O	11	910503910312
RC133V	LED36S/840	PSU	W62L62	110	PIP	WH	33	110.0				912401483172

[1] 'Type' value description(s): 'RC125B' = CORELINE PANEL NOC, 'RC126B' = CORELINE PANEL NOC, 'RC127V' = CORELINE PANEL OC, 'RC128V' = CORELINE PANEL OC, 'RC132V' = CoreLine Panel

[2] 'Lamp' value description(s): 'LED32S' = LED Module, system flux 3 200 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED36' = LED module 3 600 lm, 'LED36S' = LED Module, system flux 3 600 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSR' = Power supply unit regulating, 'PSU' = Power supply unit

[4] 'Geometry' value description(s): 'W30L120' = Width 0.30 m, length 1.20 m, 'W60L60' = Width 0.60 m, length 0.60 m, 'W62L62' = Width 0.62 m, length 0.62 m

[5] 'Optic type' value description(s): '90' = Beam angle 90°, '110' = Beam angle 110°

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'WH' = White

Accessory Range

CORELINE PANEL NOC ACC.



A

CORELINE PANEL NOC ACC.



B

CORELINE PANEL NOC ACC.



C

CORELINE PANEL NOC ACC.



D

CORELINE PANEL NOC ACC.



E

Suspension set with electrical cable, 2-pole



F

Suspension set with electrical cable, 4-pole



G

Accessory Specification

Type[8]	Type description	Input Frequency (Hz)	Input Voltage (V)	Accessory color[9]	Material[10]	CE mark	Mech. impact protection code[11]	IP Classification[12]	Protection class IEC[13]	Suspension accessories[14]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC)
RC125Z		50-60	220 to 240	STL	SS	CE	IK02	IP20	II		A	CT / 40	910930031518
RC125Z		50-60	220 to 240	STL	SS	CE	IK02	IP20	II		B	CT / 10	910930031318
RC125Z		50-60	220 to 240	WH	COMP	CE	IK02	IP20	II			CT / 20	910930031418
RC125Z	Width 300 mm, length 1 200 mm	50-60	220 to 240	WH	ALU	CE	IK02	IP20	II		C	CT / 10	910930031218
RC125Z	Width 600 mm, length 600 mm	50-60	220 to 240	WH	ALU	CE	IK02	IP20	II		D	CT / 10	910930031018
RC126Z		50-60	220 to 240	WH	ALU	CE	IK02	IP20	II		D	CT / 10	910930031118
RC126Z		50-60	220 to 240	WH	COMP	CE	IK02	IP20	II		E	CT / 20	910930031618
RC127Z		50-60	220 to 240	WH	COMP	CE	IK02	IP20	II	SME-2	F	UNP / 1	910503910138
RC127Z		50-60	220 to 240	WH	COMP	CE	IK02	IP20	II	SME-4	G	UNP / 1	910503910139

[8] 'Type' value description(s): 'RC126Z' = CORELINE PANEL NOC ACC.

[9] 'Accessory color' value description(s): 'STL' = Steel, 'WH' = White

[10] 'Material' value description(s): 'ALU' = Aluminum, 'COMP' = Composite, 'SS' = Stainless steel

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected

[13] 'Protection class IEC' value description(s): 'II' = Safety class II

[14] 'Suspension accessories' value description(s): 'SME-2' = Suspension set with electrical cable 2-pole, 'SME-4' = Suspension set with electrical cable 4-pole

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC125B	50-60	220 to 240	+/-10%	0.9	0.250	17.0	36	1	50 000	30 000	15 000
RC126B	50-60	220 to 240	+/-10%	0.9	0.250	17.0	36	1	50 000	30 000	15 000
RC127V	50-60	220 to 240	+/-10%	0.9	0.250	17.0	36	1	50 000	30 000	15 000
RC127V	50-60	220 to 240	+/-10%	0.9	0.250	17.0	41	1	50 000	30 000	15 000
RC127V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	36	1	50 000	30 000	15 000
RC128V	50-60	220 to 240	+/-10%	0.9	0.055	6.0	41	1	50 000	30 000	15 000
RC128V	50-60	220 to 240	+/-10%	0.9	0.700	5.3	41	1	50 000	30 000	15 000
RC128V	50-60	220 to 240	+/-10%	0.9	0.250	17.0	36	1	50 000	30 000	15 000
RC128V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	36	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.300	4.0	16	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.300	6.0	33	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.250	12.0	36	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.250	12.0	40	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	35	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	36	1	50 000	30 000	15 000
RC132V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	40	1	50 000	30 000	15 000
RC132V	50-60	220-240	+/-10%	0.9	0.250	12.0	34	1	50 000	30 000	15 000
RC133V	50-60	220 to 240	+/-10%	0.9	0.300	6.0	33	1	50 000	30 000	15 000
RC133V	50-60	220 to 240	+/-10%	0.9	0.195	20.4	35	1	50 000	30 000	15 000
RC133V	50-60	220-240	+/-10%	0.9	0.250	12.0	34	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[15]	Light source color[16]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC125B	LED32S	830	3000	≥80	110	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC125B	LED36S	840	4000	≥80	110	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC126B	LED32S	830	3000	≥80	110	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC126B	LED36S	840	4000	≥80	110	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%

More data see next page

Type	Lamp family code[15]	Light source color[16]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC127V	LED32S	830	3000	≥80	100	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC127V	LED34S	830	3000	≥80	100	(0.44, 0.41) SDCM <5	83.0	3 400	+/-10%
RC127V	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC128V	LED32S	830	3000	≥80	100	(0.44, 0.41) SDCM <5	78.0	3 200	+/-10%
RC128V	LED34S	830	3000	≥80	100	(0.38, 0.38) SDCM <5	94.0	3 400	+/-10%
RC128V	LED34S	830	3000	≥80	100	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC128V	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	94.0	3 400	+/-10%
RC128V	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC132V	LED18S	840	4000	≥80	110x110	(0.38, 0.38) SDCM <5	110.0	1 800	+/-10%
RC132V	LED34S	830	3000	≥80	90x90	(0.44, 0.41) SDCM <5	100.0	3 400	+/-10%
RC132V	LED34S	830	3000	≥80	90x90	(0.44, 0.41) SDCM <5	105.0	3 400	+/-10%
RC132V	LED34S	830	3000	≥80	100	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC132V	LED34S	830	3000	≥80	110	(0.44, 0.41) SDCM <5	94.0	3 400	+/-10%
RC132V	LED34S	830	3000	≥80	110x110	(0.44, 0.41) SDCM <5	105.0	3 400	+/-10%
RC132V	LED36	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC132V	LED36S	830	3000	≥80	90x90	(0.44, 0.41) SDCM <5	100.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	90x90	(0.38, 0.38) SDCM <5	105.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	90x90	(0.38, 0.38) SDCM <5	110.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	110	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	110x110	(0.38, 0.38) SDCM <5	105.0	3 600	+/-10%
RC132V	LED36S	840	4000	≥80	110x110	(0.38, 0.38) SDCM <5	110.0	3 600	+/-10%
RC133V	LED34S	830	3000	≥80	90x90	(0.44, 0.41) SDCM <5	105.0	3 400	+/-10%
RC133V	LED36S	830	3000	≥80	90x90	(0.44, 0.41) SDCM <5	100.0	3 600	+/-10%
RC133V	LED36S	830	3000	≥80	110x110	(0.44, 0.41) SDCM <5	105.0	3 600	+/-10%
RC133V	LED36S	840	4000	≥80	90x90	(0.38, 0.38) SDCM <5	105.0	3 600	+/-10%
RC133V	LED36S	840	4000	≥80	90x90	(0.38, 0.38) SDCM <5	110.0	3 600	+/-10%
RC133V	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC133V	LED36S	840	4000	≥80	110	(0.38, 0.38) SDCM <5	100.0	3 600	+/-10%
RC133V	LED36S	840	4000	≥80	110x110	(0.38, 0.38) SDCM <5	110.0	3 600	+/-10%

[15] 'Lamp family code' value description(s): 'LED32S' = LED Module, system flux 3 200 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED36' = LED module 3 600 lm, 'LED36S' = LED Module, system flux 3 600 lm

[16] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[17]	Safety device[18]	IP Classification[19]	Mech. impact protection code[20]	CE mark	ENEC mark	Flammability mark[21]	Glow-wire test[22] (°C/s)	RoHS mark
RC125B	II		IP20/44	IK02	CE		F	650/30	ROHS
RC126B	II	SC	IP20/44	IK02	CE		F	650/30	ROHS
RC127V	II	SC	IP20	IK02	CE	ENEC	F	650/30	ROHS
RC127V	II	SC	IP20/44	IK02	CE	ENEC	F	650/30	ROHS
RC128V	II		IP20/44	IK02	CE	ENEC	F	650/30	ROHS
RC128V	II	SC	IP20	IK02	CE	ENEC	F	650/30	ROHS
RC128V	II	SC	IP20/44	IK02	CE	ENEC	F	650/30	ROHS
RC132V	I		IP20/44	IK02	CE		F	650/30	ROHS
RC132V	I		IP20/44	IK02	CE	ENEC	F	650/30	ROHS
RC132V	II		IP20/44	IK03	CE	ENEC	F	650/30	ROHS
RC133V	I		IP20/44	IK02	CE	ENEC	F	650/30	ROHS
RC133V	II		IP20/44	IK03	CE	ENEC	F	650/30	ROHS

[17] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[18] 'Safety device' value description(s): 'SC' = Safety cable

[19] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP20/44' = Finger-protected; wire-protected, splash-proof

[20] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard, 'IK03' = 0.3 J

[21] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[22] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



IntelliHue SkyRibbon Wall Washing Powercore – Recessed linear interior LED wall washing luminaire with intelligent white and color light

Introducing SkyRibbon IntelliHue Wall Washing Powercore, a recessed linear interior LED wall washing luminaire offering high-quality intelligent color and white light from the same luminaire. IntelliHue is an advanced approach to color mixing that gives users the ability to precisely target a full spectrum of saturated color and high-quality white light, granting an unprecedented level of design freedom. Brilliant light output and industry-leading controls make luminaires ideal for a variety of interior wall washing applications. Users can rotate LED modules from 0° to 90° to evenly wash walls top to bottom regardless of luminaire setback. Multiple housing options accommodate a number of installation methods.

For more information please visit www.colorkinetics.com/ls/intellihue/skyribbon-wall-washing/.

Product Range



Detailed Photos

Assembled luminaire



A

Back view of LED module



B

Exploded view



C

Technical Specification

Type[1]	Lamp[2]	Optical cover/lens type[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RA503S	CK-INTELLIHUE	PC	WH	66	33.4			037**02668**
RA503S	CK-INTELLIHUE	PC	WH	66	33.4	A-C		037**04253**

[1] 'Type' value description(s): 'RA503S' = INTELLIHUE SKYRIBBON WALL WASHING

[2] 'Lamp' value description(s): 'CK-INTELLIHUE' = IntelliHue

[3] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[4] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Louver

A

Spread Lens



B

Jumper Cable



C

Jumper Cable



D

Jumper Cable



E

Leader Cable



F

Leader Cable



G

Accessory Specification

Type	Type description	CE mark	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
RA503Z			A	CT / 20	037**02690**
RA503Z			B	CC / 24	037**02691**
RA503Z			B	CT / 24	037**02694**
RA503Z			B	CT / 24	037**02698**
RA503Z			B	CT / 24	037**02697**
RA503Z			B	CT / 24	037**02692**
RA503Z			B	CT / 24	037**02696**
RA503Z			B	CT / 24	037**02693**
RA503Z	Diffuser lens 30° x 30° for European market		B	CT / 24	037**04213**
RA503Z	Diffuser lens 35° x 60° for European market		B	CT / 24	037**04216**
RA503Z	Diffuser lens 35° x 105° for European market		B	CT / 24	037**04215**
RA503Z	Diffuser lens 40° x 80° for European market		B	CT / 24	037**04214**
RA503Z	Diffuser lens 65° x 65° for European market		B	CT / 24	037**04218**
RA503Z	Diffuser lens 70° x 95° for European market		B	CT / 24	037**04219**
RA503Z	Diffuser lens 90° x 90° for European market		B	CT / 24	037**04220**
RA503Z	Jumper cable		C	UNP / 1	037**02836**
RA503Z	Jumper cable		D	CT / 10	037**02835**
RA503Z	Jumper cable		E	UNP / 1	037**02837**
RA503Z	Jumper cable 0.9 m CE-compliant		C	CT / 10	037**05049**
RA503Z	Jumper cable 1.4 m CE-compliant		C	UNP / 1	037**05050**
RA503Z	Jumper cable 1.7 m CE-compliant		C	UNP / 1	037**05051**
RA503Z	Leader cable		F	UNP / 1	037**03985**
RA503Z	Leader cable 3.0 m CE-compliant	CE	G	UNP / 1	037**05048**
RA503Z	Louver CE	CE	A	CT / 20	037**04249**

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
RA503S	50-60	120 to 277	66
RA503S	50-60	220 to 240	66

Light technical data

Type	Light source color[5]	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
RA503S	CK-INTELLIHUE	33.4	1 451	2 315	2 867

[5] 'Light source color' value description(s): 'CK-INTELLIHUE' = IntelliHue

Protection & classification standards

Type	IP Classification[6]	CE mark
RA503S	IP20	
RA503S	IP20	CE

[6] 'IP Classification' value description(s): 'IP20' = Finger-protected



SkyRibbon IntelliHue Linear Direct Powercore – recessed linear interior LED luminaire for direct-view and general illumination applications

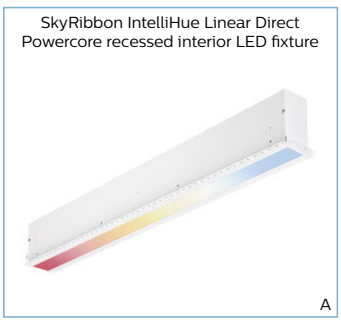
Introducing SkyRibbon IntelliHue Linear Direct Powercore, a recessed linear interior LED luminaire offering high-quality intelligent color and white light from the same luminaire. IntelliHue is an advanced approach to color mixing that gives users the ability to precisely target a full spectrum of saturated color and high-quality white light, granting an unprecedented level of design freedom. Brilliant light output and industry-leading controls make luminaires ideal for a variety of interior applications. Multiple housing options accommodate a number of installation methods. For more information please visit www.colorkinetics.com/ls/IntelliHue/skyribbon-linear-direct/.

Product Range



Detailed Photos

SkyRibbon IntelliHue Linear Direct Powercore recessed interior LED fixture



A

Technical Specification

Type[1]	Lamp[2]	Optical cover/lens type[3]	Accessory color[4]	Initial input power (W)	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
RA509S	CK-INTELLIHUE	PC	WH	25			037**02671**
RA509S	CK-INTELLIHUE	PC	WH	100	A		037**02672**

[1] 'Type' value description(s): 'RA509S' = INTELLIHUE SKYRIBBON LINEAR DIRECT

[2] 'Lamp' value description(s): 'CK-INTELLIHUE' = IntelliHue

[3] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[4] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Flangeless housing



Accessory Specification

Type	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
RA509E	UNP / 1	037**04316**
RA509E	UNP / 1	037**05032**
RA509E	UNP / 1	037**05031**
RA509E	UNP / 1	037**04304**
RA509E	UNP / 1	037**04307**
RA509E	UNP / 1	037**04319**

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
RA509S	50-60	120	25
RA509S	50-60	120	100

Light technical data

Type	Light source color[5]	(°)
RA509S	CK-INTELLIHUE	100x100

[5] 'Light source color' value description(s): 'CK-INTELLIHUE' = IntelliHue

Protection & classification standards

Type	Protection class IEC[6]	IP Classification[7]	ENEC mark	Flammability mark[8]	Glow-wire test[9] (°C/s)	UL mark
RA509S	I	IP20	ENEC	F	650/5	UL-CUL

[6] 'Protection class IEC' value description(s): 'I' = Safety class I

[7] 'IP Classification' value description(s): 'IP20' = Finger-protected

[8] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[9] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



The slimmest Panel with highest efficacy in the market

GreenPerform Panel is the slimmest Panel with highest efficacy in the market. It offers two lumen options with four dimension types, 200X1200, 300X1200, 600x600,600x1200, and three mounting options, recessed, suspended and plaster ceiling.

Product Range



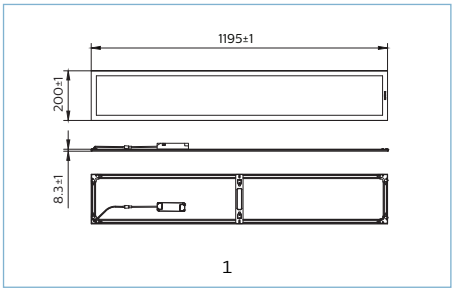


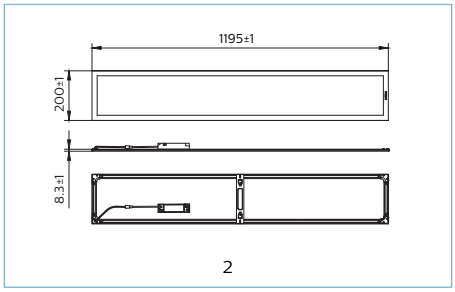


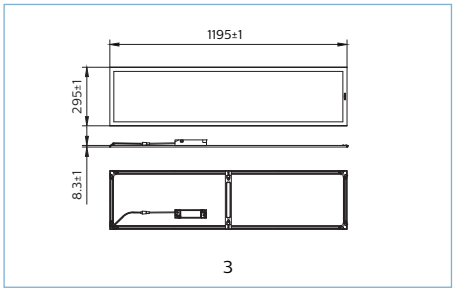


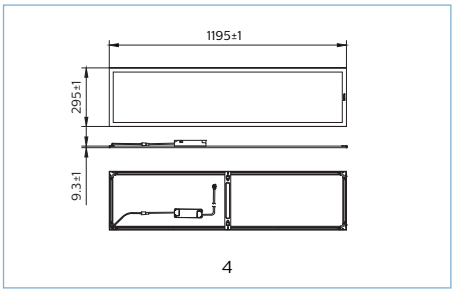


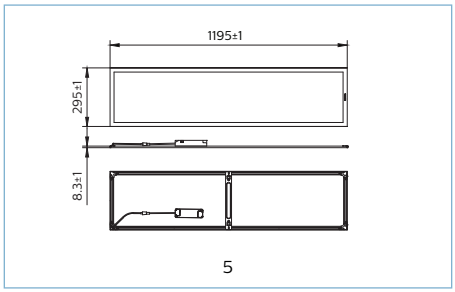
Dimension Drawing

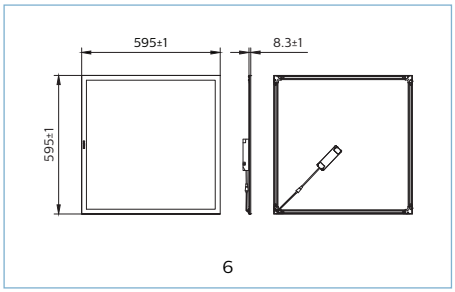


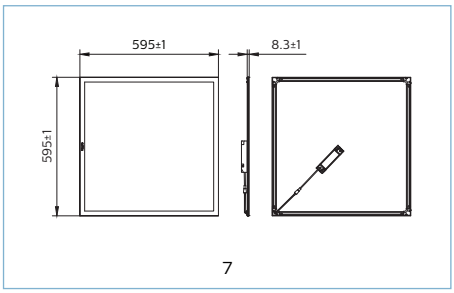


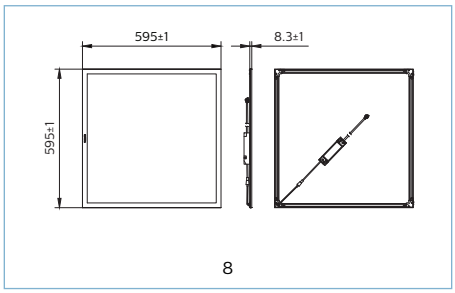


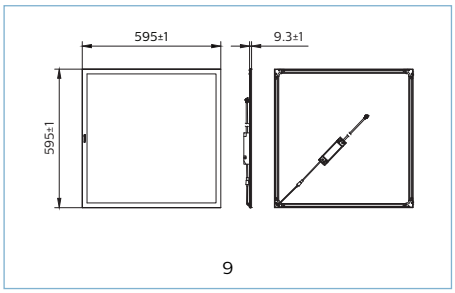


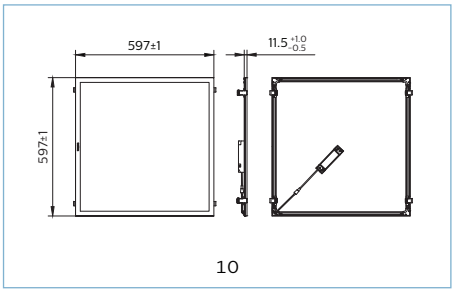




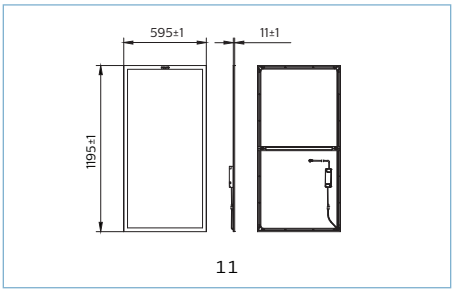




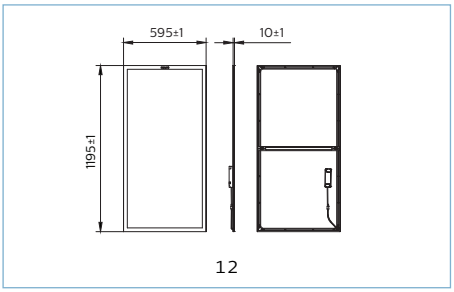




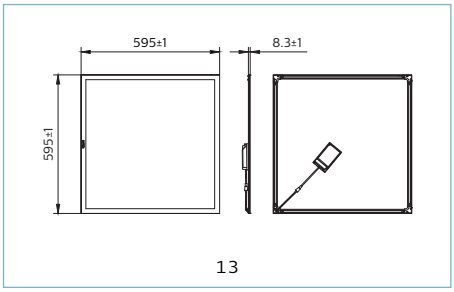
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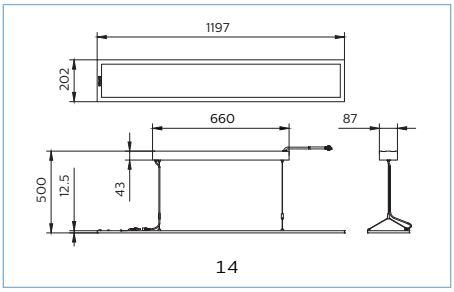
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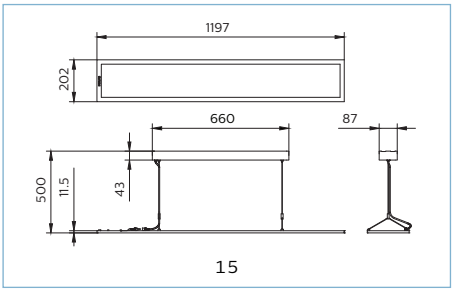
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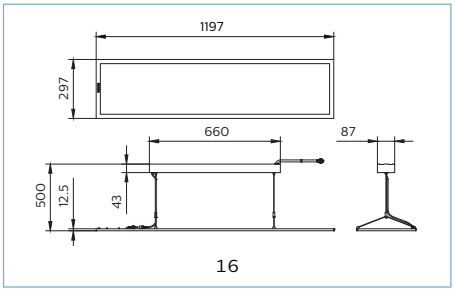
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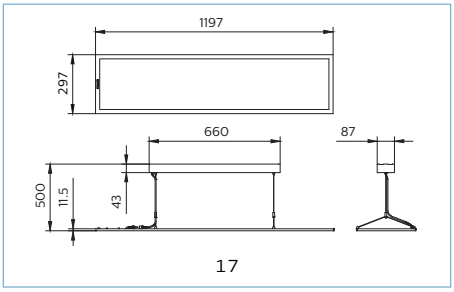
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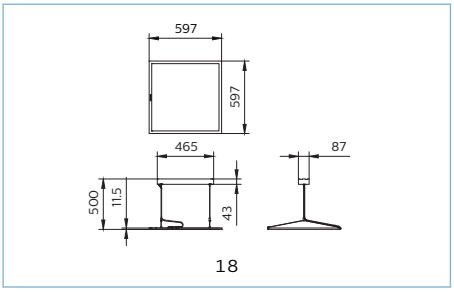
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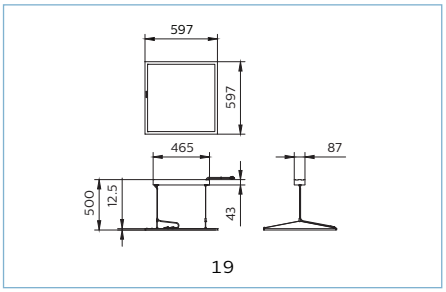
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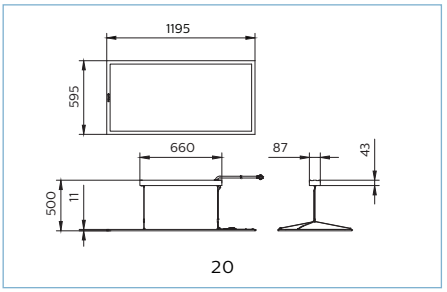
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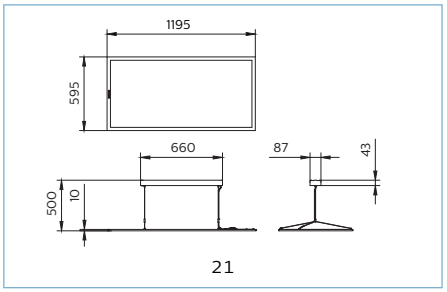
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21

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Geometry	Optic type[3]	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9114...)
RC160V	840		W20L120	WB	CI	WH	20	100.0	A	1	017**20732**
RC160V	840		W20L120	WB	CI	WH	20	100.0	A	2	017**19472**
RC160V	840		W30L120	WB	CI	WH	28	105.0	B	3	017**26852**
RC160V	840		W30L120	WB	CI	WH	36	110.0	B	3	017**19522**
RC160V	840		W30L120	WB	CI	WH	36	110.0	B	4	017**19612**
RC160V	840		W30L120	WB	CI	WH	36	110.0	B	5	017**20782**
RC160V	840		W60L60	WB	CI	WH	28	105.0	C	6	017**26842**
RC160V	840		W60L60	WB	CI	WH	28	105.0	C	6	017**26982**
RC160V	840		W60L60	WB	CI	WH	28	110.0	C	7	017**19482**
RC160V	840		W60L60	WB	CI	WH	28	110.0	C	6	017**20742**
RC160V	840		W60L60	WB	CI	WH	28	110.0	C	8	017**19562**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	6	017**20762**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	7	017**19552**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	9	017**19602**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	8	017**19582**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	7	017**19502**
RC160V	840		W60L60	WB	CI	WH	36	110.0	C	10	017**19542**
RC160V	840		W60L120	WB	CI	WH	55	110.0	D	11	017**19622**
RC160V	840		W60L120	WB	CI	WH	55	110.0	D	12	017**19532**
RC160V	840	PSD	W60L60	WB	CI	WH	36	110.0	C	13	017**20802**
RC160V	865		W60L60	WB	CI	WH	28	110.0	C	6	017**20752**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Geometry	Optic type[3]	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9114...)
RC160V	865		W60L60	WB	CI	WH	28	110.0	C	8	017**19572**
RC160V	865		W60L60	WB	CI	WH	28	110.0	C	7	017**19492**
RC160V	865		W60L60	WB	CI	WH	36	110.0	C	6	017**20772**
RC160V	865		W60L60	WB	CI	WH	36	110.0	C	8	017**19592**
RC160V	865		W60L60	WB	CI	WH	36	110.0	C	7	017**19512**
RC160V	865	PSD	W60L60	WB	CI	WH	36	110.0	C	13	017**20812**
SP160P	840		W20L120	WB	CI	WH	20	100.0	E	14	017**27092**
SP160P	840		W20L120	WB	CI	WH	20	100.0	E	15	017**26932**
SP160P	840		W20L120	WB	CI	WH	20	100.0	E	15	017**27062**
SP160P	840		W30L120	WB	CI	WH	36	110.0	E	16	017**27072**
SP160P	840		W30L120	WB	CI	WH	36	110.0	E	17	017**26942**
SP160P	840		W60L60	WB	CI	WH	28	110.0	E	18	017**27012**
SP160P	840		W60L60	WB	CI	WH	36	110.0	E	18	017**26922**
SP160P	840		W60L60	WB	CI	WH	36	110.0	E	19	017**27052**
SP160P	840		W60L60	WB	CI	WH	36	110.0	E	18	017**27032**
SP160P	840		W60L120	WB	CI	WH	55	110.0	E	20	017**27082**
SP160P	840		W60L120	WB	CI	WH	55	110.0	E	21	017**26952**
SP160P	865		W60L60	WB	CI	WH	28	110.0	E	18	017**27022**
SP160P	865		W60L60	WB	CI	WH	36	110.0	E	18	017**27042**

[1] 'Lamp' value description(s): '840' = 840 neutral white, '865' = 865 cool daylight

[2] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[3] 'Optic type' value description(s): 'WB' = Wide beam

[4] 'Connection' value description(s): 'CI' = Internal connector

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Median useful life L80B50 (h)
RC160V	50-60	110 to 277	+/-10%	0.9			20	50
RC160V	50-60	110 to 277	+/-10%	0.9			28	50
RC160V	50-60	110 to 277	+/-10%	0.9			36	50
RC160V	50-60	220-240	+/-10%	0.9	160	16.0	55	50
RC160V	50-60	220-240	+/-10%	0.9	181	15.8	28	50
RC160V	50-60	220-240	+/-10%	0.9	181	15.8	36	50
RC160V	50-60	220-240	+/-10%	0.9	206	15.6	28	50
RC160V	50-60	220-240	+/-10%	0.9	206	15.6	36	50
RC160V	50-60	220-240	+/-10%	0.9	220	16.1	36	50
RC160V	50-60	220-240	+/-10%	0.9	320	15.4	20	50
SP160P	50-60	110 to 277	+/-10%	0.9			28	50
SP160P	50-60	110 to 277	+/-10%	0.9			36	50
SP160P	50-60	220-240	+/-10%	0.9	181	15.6	20	50
SP160P	50-60	220-240	+/-10%	0.9	181	15.8	36	50
SP160P	50-60	220-240	+/-10%	0.9	181	15.8	55	50
SP160P	50-60	220-240	+/-10%	0.9	320	15.4	20	50
SP160P	50-60	220-240	+/-10%	0.9	320	15.4	36	50

Light technical data

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC160V	840	4000	>80	90	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%
RC160V	840	4000	>80	90	(0.43, 0.40) SDCM<4	110.0	6 000	+/-5%
RC160V	840	4000	>80	110	(0.43, 0.40) SDCM<4	100.0	2 000	+/-5%
RC160V	840	4000	>80	110	(0.43, 0.40) SDCM<4	105.0	2 900	+/-5%
RC160V	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	3 000	+/-5%
RC160V	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%
RC160V	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	6 000	+/-5%
RC160V	865	6500	>80	110	(0.43, 0.40) SDCM<4	110.0	3 000	+/-5%
RC160V	865	6500	>80	110	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%
SP160P	840	4000	>80	90	(0.43, 0.40) SDCM<4	100.0	2 000	+/-5%

More data see next page

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP160P	840	4000	>80	90	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%
SP160P	840	4000	>80	90	(0.43, 0.40) SDCM<4	110.0	6 000	+/-5%
SP160P	840	4000	>80	110	(0.43, 0.40) SDCM<4	100.0	2 000	+/-5%
SP160P	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	3 000	+/-5%
SP160P	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%
SP160P	840	4000	>80	110	(0.43, 0.40) SDCM<4	110.0	6 000	+/-5%
SP160P	865	6500	>80	110	(0.43, 0.40) SDCM<4	110.0	3 000	+/-5%
SP160P	865	6500	>80	110	(0.43, 0.40) SDCM<4	110.0	4 000	+/-5%

[6] 'Light source color' value description(s): '840' = 840 neutral white, '865' = 865 cool daylight

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Glow-wire test[10] (°C/s)	RoHS mark
RC160V	II	IP20	IK03	CE	650/30	ROHS
SP160P	II	IP20	IK03	CE	650/30	ROHS

[7] 'Protection class IEC' value description(s): 'II' = Safety class II

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J

[10] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



LED luminaires



SlimBlend Rectangular, suspended 63



SmartBalance, suspended 65



SmartBalance Suspended, SpaceWise 68



TrueLevel, suspended 70



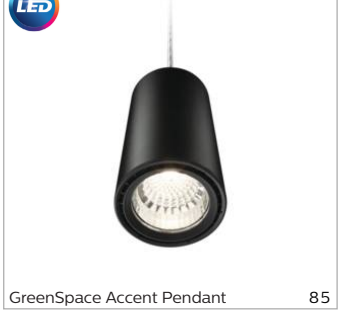
TrueLine, suspended 75



PlainView, suspended 81



Fresh Food, pendant 83



GreenSpace Accent Pendant 85



CustomCreate 88



SlimBlend Rectangular - High performance, advanced control

Building owners and tenants want office norm-compliant lighting. They also want quality of light, lower energy costs and lower maintenance costs. That's why more and more people are applying 'surface of light' solutions, which provide glare-free, diffused lighting comfort as well as flexibility and clutter-free aesthetics. SlimBlend provides all this and more. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling - for an even more comfortable working environment. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure enabling data on usage to be collected to help reduce energy costs further. Also, because SlimBlend luminaires are indeed slim, they enable technical equipment to be more easily installed in the plenum. Moreover, it offers a very wide variety of options to ensure all building types can take advantage. These high-end appearance luminaires come in square, rectangular and can be either recessed, surface-mounted or suspended. They also offer a good balance between initial cost and ROI, so everyone can enjoy high quality light combined with distinctive design.

Product Range


A


B

Detailed Photos


A


B

SlimBlend Rectangular_Suspended-SP400P-3DPP.tif


C

SlimBlend Rectangular_Suspended-SP400P-2DPP.tif


D

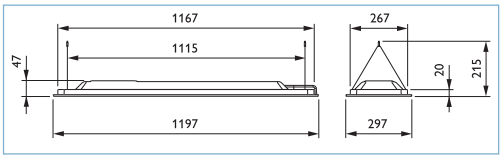
SlimBlend Rectangular_Suspended-SP400P-1DPP.tif


E

SlimBlend Rectangular_Suspended-SP400P-COM_DPP.tif


F

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans- former[3]	Geometry	Connec- tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
SP400P	LED50S/830	PSD	W30L120	PIP	WH	49.5	101	A	A-E	004**65006**
SP400P	LED50S/830	PSD	W30L120	PIP	WH	49.5	101	B	A, D-F	004**65005**
SP400P	LED50S/840	PSD	W30L120	PIP	WH	45.5	110	B	A, D-F	004**65003**
SP400P	LED50S/840	PSD	W30L120	PIP	WH	45.5	110	A	A-E	004**65004**

[1] 'Type' value description(s): 'SP400P' = SlimBlend suspended mod. 600

[2] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP400P	50-60	220-240	+/-10%	0.9	0.154	49	45.5	1	70 000	50 000	25 000
SP400P	50-60	220-240	+/-10%	0.9	0.154	49	49.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP400P	LED50S	830	3000	80	120	(0.43, 0.40) SDCM<3	101	5 000	+/-10%
SP400P	LED50S	840	4000	80	120	(0.38, 0.38) SDCM<3	110	5 000	+/-10%

[6] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	ENEC mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
SP400P	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[7] 'Protection class IEC' value description(s): 'II' = Safety class II

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



SmartBalance – combining performance with smart design

Although in many cases the functional lighting performance is key, customers are also keen to apply luminaires that are attractive and/or unobtrusive. Especially in applications where luminaires need to be surface-mounted or suspended, it can be difficult to satisfy both these requirements. SmartBalance is clearly the next step in surface-mounted and suspended luminaires for the specification market. It not only offers increased energy efficiency, but is also visually appealing without being intrusive. And its design helps to minimize clutter on the ceiling and meets all relevant office norms. SmartBalance is also available in recessed and free floor-standing versions.

Product Range



Detailed Photos

SmartBalance suspended – easy electrical connection



A

Slim ceiling cap



B

SmartBalance – Reutlinger connection for easy suspension



C

Clutch device for easy adjustment of the luminaire height



D

Powerful indirect lighting



E

SmartBalance suspended luminaire



F

SmartBalance light exit window



G

Gear tray spring for easy clicking of the housing to the gear tray



H

Service cord enabling one-man installation; hands free to connect the LED engine



I

SmartBalance in silver-grey housing



J

Gear tray spring: easy to click the gear tray onto the housing



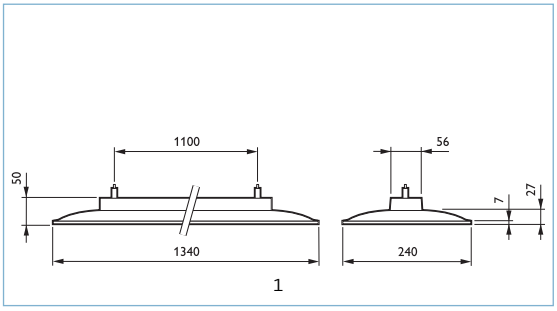
K

LED engine connector: easy connection

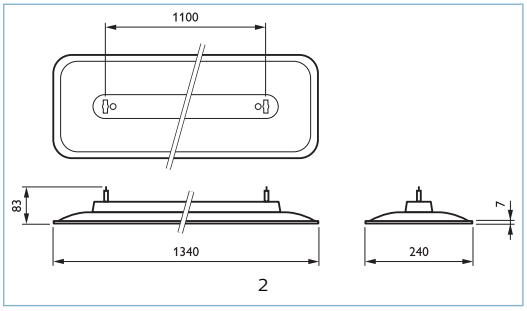


L

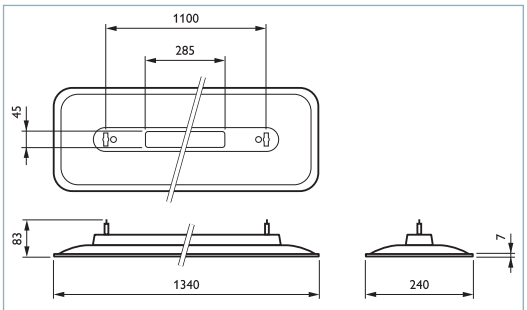
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Em-bedded con-trol[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	Com-pound Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
SP480P	1 LED35S/830	PSD	W24L134	ACC-MLO	PI	WH		32.0	109	A-L	A	1	040**85203**
SP480P	1 LED35S/830	PSD	W24L134	ACC-MLO	PI	WH		32.0	109	A-L	A	1	040**87603**
SP480P	1 LED35S/840	POE	W24L134	ACC-MLO	RJ45-M	WH	ACL	32.0	109			2	040**95903**
SP480P	1 LED35S/840	POE	W24L134	ACC-MLO	RJ45-M	WH	ACL	32.0	109			2	040**95803**
SP480P	1 LED35S/840	PSD	W24L134	ACC-MLO	PI	WH		30.0	117	A-L	A	1	040**83703**
SP482P	1 LED40S/830	PSD	W24L134	ACC-MLO	PI	WH		35.0	116	A-L	A	1	040**85603**
SP482P	1 LED40S/830	PSD	W24L134	ACC-MLO	PI	WH		35.0	116	A-L	A	1	040**87703**
SP482P	1 LED40S/840	POE	W24L134	ACC-MLO	RJ45-M	WH	ACL	36.5	112			3	040**96103**
SP482P	1 LED40S/840	POE	W24L134	ACC-MLO	RJ45-M	WH	ACL	36.5	112			3	040**96003**
SP482P	1 LED40S/840	PSD	W24L134	ACC-MLO	PI	WH		33.5	121	A-L	A	1	040**83803**

[1] 'Type' value description(s): '**SP480P**' = SmartBalance Suspended Mounted, '**SP482P**' = SmartBalance Suspended Mounted

[2] 'Lamp' value description(s): '**LED35S**' = LED Module, system flux 3 500 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet, '**PSD**' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): '**W24L134**' = Width 0.24 m, length 1.34 m

[5] 'Optical cover/lens type' value description(s): '**ACC-MLO**' = Acrylate micro-lens optic clear

[6] 'Connection' value description(s): '**PI**' = Push-in connector 3-pole, '**RJ45-M**' = RJ45 connector, male

[7] 'Accessory color' value description(s): '**WH**' = White

[8] 'Embedded control' value description(s): '**ACL**' = ActiLume

Accessory Range

Coupling piece (kit)



A

Coupling piece



B

Coupling piece



C

Coupling piece (kit)



D

Accessory Specification

Type[9]	Type description	Accessory color[10]	Material[11]	Suspension accessories[12]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9104...)
SP480Z		SI	ALU	CP	A, B	UNP / 1	032**18303**
SP480Z		WH	ALU	CP	C, D	UNP / 1	032**18203**
SP480Z	Kit	SI	ALU	CP	A	UNP / 1	032**18703**
SP480Z	Kit	WH	ALU	CP	D	UNP / 1	032**18603**

[9] 'Type' value description(s): 'SP480Z' = SmartBalance Susp. Mounted Acc.

[10] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[11] 'Material' value description(s): 'ALU' = Aluminum

[12] 'Suspension accessories' value description(s): 'CP' = Coupling piece

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP480P		51 to 54	+/-10%		0.18	48	32.0	1	70 000	50 000	25 000
SP480P	50-60	220 to 240	+/-10%	9	0.18	48	30.0	1	70 000	50 000	25 000
SP480P	50-60	220 to 240	+/-10%	9	0.18	48	32.0	1	70 000	50 000	25 000
SP482P		51 to 54	+/-10%		0.18	48	36.5	1	70 000	50 000	25 000
SP482P	50-60	220 to 240	+/-10%	9	0.18	48	33.5	1	70 000	50 000	25 000
SP482P	50-60	220 to 240	+/-10%	9	0.18	48	35.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[13]	Light source color[14]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP480P	LED35S	830	3000	>80	100	(0.43, 0.40) SDCM <3	109	3 500	+/-10%
SP480P	LED35S	840	4000	>80	100	(0.38, 0.38) SDCM <3	109	3 500	+/-10%
SP480P	LED35S	840	4000	>80	100	(0.38, 0.38) SDCM <3	117	3 500	+/-10%
SP482P	LED40S	830	3000	>80	100	(0.43, 0.40) SDCM <3	116	4 100	+/-10%
SP482P	LED40S	840	4000	>80	100	(0.38, 0.38) SDCM <3	112	4 100	+/-10%
SP482P	LED40S	840	4000	>80	100	(0.38, 0.38) SDCM <3	121	4 100	+/-10%

[13] 'Lamp family code' value description(s): 'LED35S' = LED Module, system flux 3 500 lm, 'LED40S' = LED Module, system flux 4 000 lm

[14] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[15]	IP Classification[16]	Mech. impact protection code[17]	CE mark	ENEC mark	Flammability mark[18]	Glow-wire test[19] (°C/s)	RoHS mark
SP480P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP480P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP482P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP482P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[15] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[16] 'IP Classification' value description(s): 'IP40' = Wire-protected

[17] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[18] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[19] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



Wireless lighting control for a very pleasant workplace

With Philips SpaceWise, customers can enjoy the very real benefits of controls – e. g. energy savings, visual comfort and personal control – without having to create a wired infrastructure.

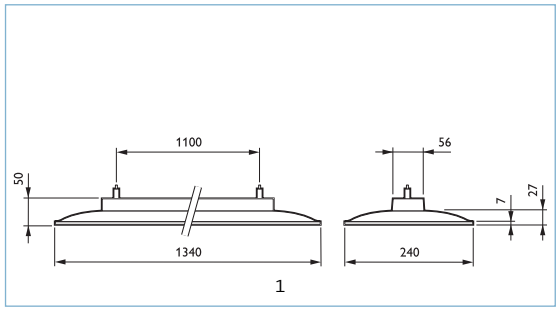
Product Range

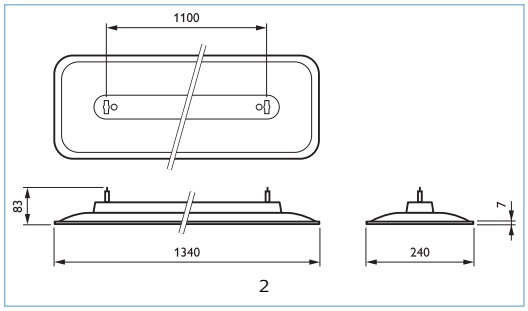


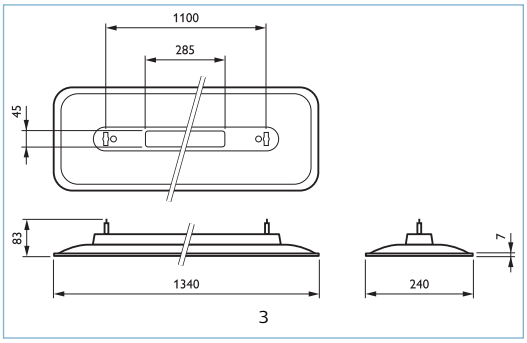
Detailed Photos



Dimension Drawing







3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Embed-ded control[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SP480P	1 LED35S/840	PSD	W24L134	ACC-MLO	PI	WH	SWZ	31.5	111	A	1	041**01203**
SP480P	1 LED35S/840	PSD	W24L134	ACC-MLO	PI	WH	SWZ	31.5	111		2	041**09603**
SP482P	1 LED40S/840	PSD	W24L134	ACC-MLO	PI	WH	SWZ	34.5	119	A	1	041**01303**
SP482P	1 LED40S/840	PSD	W24L134	ACC-MLO	PI	WH	SWZ	34.5	119		3	041**09703**

[1] 'Type' value description(s): 'SP480P' = SmartBalance Suspended Mounted, 'SP482P' = SmartBalance Suspended Mounted

[2] 'Lamp' value description(s): 'LED35S' = LED Module, system flux 3 500 lm, 'LED40S' = LED Module, system flux 4 000 lm, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): 'W24L134' = Width 0.24 m, length 1.34 m

[5] 'Optical cover/lens type' value description(s): 'ACC-MLO' = Acrylate micro-lens optic clear

[6] 'Connection' value description(s): 'PI' = Push-in connector 3-pole

[7] 'Accessory color' value description(s): 'WH' = White

[8] 'Embedded control' value description(s): 'SWZ' = SpaceWise enabled

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP480P	50-60	220 to 240	+/-10%	9	0.18	48	31.5	1	70 000	50 000	25 000
SP480P	50-60	220 to 240	+/-10%	0.9	0.18	48	31.5	1	70 000	50 000	25 000
SP482P	50-60	220 to 240	+/-10%	9	0.18	48	34.5	1	70 000	50 000	25 000
SP482P	50-60	220 to 240	+/-10%	0.9	0.18	48	34.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP480P	LED35S	840	4000	>80	100	(0.38, 0.38) SDCM <3	111	3 500	+/-10%
SP480P	LED35S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	111	3 500	+/-10%
SP482P	LED40S	840	4000	>80	100	(0.38, 0.38) SDCM <3	119	4 100	+/-10%
SP482P	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	119	4 100	+/-10%

[9] 'Lamp family code' value description(s): 'LED35S' = LED Module, system flux 3 500 lm, 'LED40S' = LED Module, system flux 4 000 lm

[10] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
SP480P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP482P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I

[12] 'IP Classification' value description(s): 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



Stylish, office-compliant lighting offering new possibilities

Today's lighting fixtures need to deliver more than just light. In offices the ideal fixture needs to enable savings, and is expected to be ready for future advances. It must also be ready to be paired with lighting controls and systems. Moreover, the ideal office lighting fixture should also complement the interior design of the office space. Philips TrueLevel fulfills all these requirements and more! Building on the strengths of Philips TrueLine a superior light line technology for offices, TrueLevel's high efficiency, superior office-compliant lighting and readiness to be potentially paired with lighting systems makes it an excellent choice for offices. In addition, TrueLevel's stylish, minimalistic, clean design complements the interior architecture and can become a design element on its own.

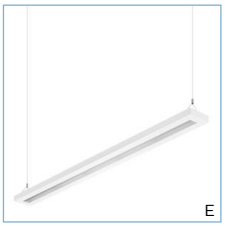
Product Range


A


B

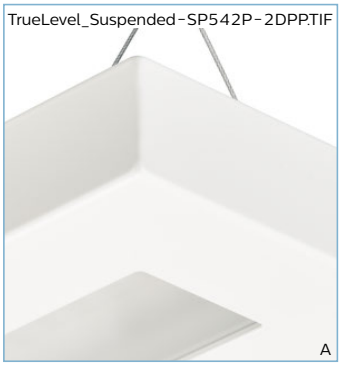

C


D


E

Detailed Photos

TrueLevel_Suspended-SP542P-2DPP.TIF


A

TrueLevel_Suspended-SP542P-1DPP.TIF


B

TrueLevel_Suspended-SP542P-4DPP.TIF


C

TrueLevel_Suspended-SP542P-6DPP.TIF


D

TrueLevel_Suspended-SP542P-3DPP.TIF


E

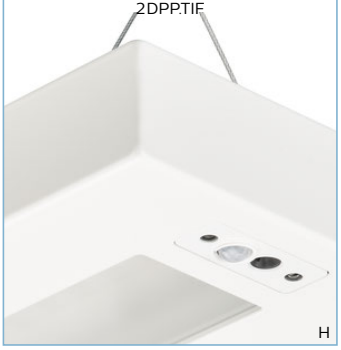
TrueLevel_Suspended-SP542P-7DPP.TIF


F

TrueLevel_Suspended-SP542P-5DPP.TIF


G

TrueLevel_Suspended-SP542P_ACL-2DPP.TIF


H

TrueLevel_Suspended-SP542P_ACL-1DPP.TIF



I

TrueLevel_Suspended-SP542P_ACL-3DPP.TIF



J

TrueLevel_Suspended-SP542P_ACL-4DPP.TIF



K

TrueLevel_Suspended-SP542P_ACL-6DPP.TIF



L

TrueLevel_Suspended-SP542P_ACL-5DPP.TIF



M

TrueLevel_Suspended-SP542P_ACL-7DPP.TIF



N

TrueLevel_Suspended-SP542P_BK-7DPP.TIF



O

TrueLevel_Suspended-SP542P_BK-2DPP.TIF



P

TrueLevel_Suspended-SP542P_BK-4DPP.TIF



Q

TrueLevel_Suspended-SP542P_BK-1DPP.TIF



R

TrueLevel_Suspended-SP542P_BK-6DPP.TIF



S

TrueLevel_Suspended-SP542P_BK-3DPP.TIF



T

TrueLevel_Suspended-SP542P_BK-5DPP.TIF



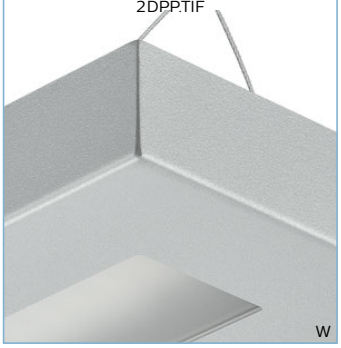
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TrueLevel_Suspended-SP542P_SI-1DPP.TIF



V

TrueLevel_Suspended-SP542P_SI-2DPP.TIF



W

TrueLevel_Suspended-SP542P_SI-7DPP.TIF



X

TrueLevel_Suspended-SP542P_SI-4DPP.TIF



Y

TrueLevel_Suspended-SP542P_SI-6DPP.TIF



Z

TrueLevel_Suspended-SP542P_SI-5DPP.TIF

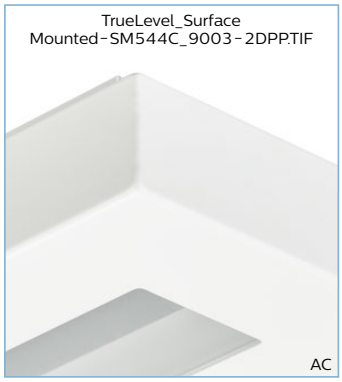


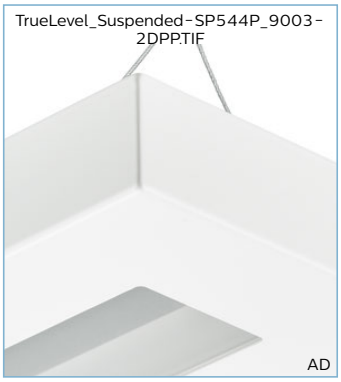
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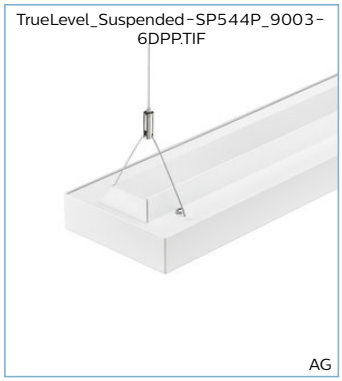
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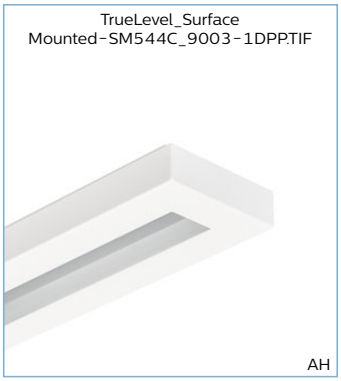




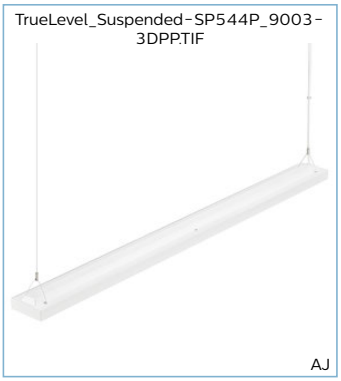






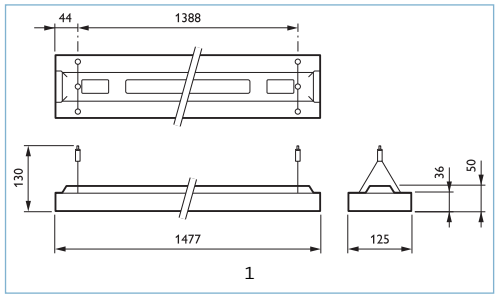




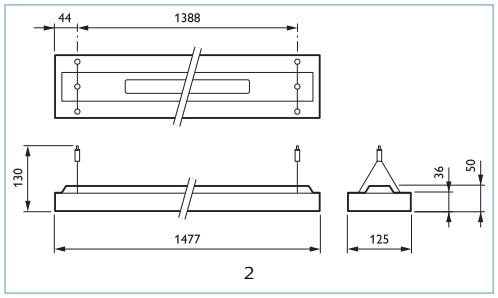




Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/ lens type[4]	Con-nec-tion[5]	Acces-sory color[6]	Em-bed-ded con-trol[7]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SP542P	1 LED29S/840	PSD	PM	PI5	WH		19.2	151	A	A-G		*041***15903**
SP542P	1 LED29S/840	PSD	PM	PI5	WH	ACL	20.2	144	B	H-N		*041***16003**
SP542P	1 LED47S/840	PSD	PM	PI5	BK		34.0	138	C	O-U		*041***16103**
SP542P	1 LED47S/840	PSD	PM	PI5	SI		34.0	138	D	V-Z, AA, AB		*041***16203**
SP542P	1 LED47S/840	PSD	PM	PI5	WH		34.0	138	A	A-G	1	*041***15103**
SP542P	1 LED47S/840	PSD	PM	PI5	WH	ACL	35.0	134	B	H-N	1, 2	*041***15203**
SP542P	1 LED66S/840	PSD	PM	PI5	WH		50.0	132	A	A-G	1	*041***15303**
SP542P	1 LED66S/840	PSD	PM	PI5	WH	ACL	51.0	129	B	H-N	1	*041***15403**
SP542P	1 LED77S/840	PSD	PM	PI5	WH		60.0	128	A	A-G	1	*041***15503**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/ lens type[4]	Con-nec-tion[5]	Acces-sory color[6]	Em-bed-ded con-trol[7]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SP542P	1 LED77S/840	PSD	PM	PI5	WH	ACL	61.0	126	B	H-N	1	041**15603**
SP543P	1 LED33S/840	PSD	PM	PI5	WH		29.0	114	A	A-G	1	041**16903**
SP543P	1 LED54S/840	PSD	PM	PI5	WH		51.0	106	C	O-U		041**16503**
SP543P	1 LED54S/840	PSD	PM	PI5	WH		51.0	106	A	A-G	1	041**17003**
SP543P	1 LED54S/840	PSD	PM	PI5	WH		51.0	106	D	V-Z, AA, AB		041**16603**
SP544P	1 LED43S/840	PSD	PM	PI5	WH		35.5	121	E	F, AC, AD, AE, AF, AG, AH, AI, AJ, AK		041**17303**
SP544P	1 LED50S/840	PSD	PM	PI5	WH		42.5	118	E	F, AC, AD, AE, AF, AG, AH, AI, AJ, AK		041**17403**

[1] 'Type' value description(s): '**SP542P**' = TrueLevel, '**SP543P**' = TrueLevel, '**SP544P**' = TrueLevel

[2] 'Lamp' value description(s): '**LED29S**' = LED Module, system flux 2 900 lm, '**LED33S**' = LED Module, system flux 3 300 lm, '**LED43S**' = LED Module, system flux 4 300 lm, '**LED47S**' = LED Module, system flux 4 700 lm, '**LED50S**' = LED Module, system flux 5 000 lm, '**LED54S**' = LED Module, system flux 5 400 lm, '**LED66S**' = LED Module, system flux 6 600 lm, '**LED77S**' = LED Module, system flux 7 700 lm, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface

[4] 'Optical cover/lens type' value description(s): '**PM**' = Polymethyl methacrylate bowl/cover

[5] 'Connection' value description(s): '**PI5**' = Push-in connector 5-pole

[6] 'Accessory color' value description(s): '**BK**' = Black, '**SI**' = Silver, '**WH**' = White

[7] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	19.2	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	20.2	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	34.0	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	35.0	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	50.0	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	51.0	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	60.0	1	70 000	50 000	25 000
SP542P	50-60	220-240	+/-10%	0.9	0.28	19	61.0	1	70 000	50 000	25 000
SP543P	50-60	220-240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
SP543P	50-60	220-240	+/-10%	0.9	0.28	19	51.0	1	70 000	50 000	25 000
SP544P	50-60	220-240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
SP544P	50-60	220-240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP542P	LED29S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144	2 900	+/-10%
SP542P	LED29S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	151	2 900	+/-10%
SP542P	LED47S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134	4 700	+/-10%
SP542P	LED47S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138	4 750	+/-10%
SP542P	LED66S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	129	6 600	+/-10%
SP542P	LED66S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	132	6 600	+/-10%
SP542P	LED77S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	126	7 700	+/-10%
SP542P	LED77S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	128	7 700	+/-10%
SP543P	LED33S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	114	3 300	+/-10%
SP543P	LED54S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	106	5 400	+/-10%
SP544P	LED43S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121	4 300	+/-10%
SP544P	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118	5 000	+/-10%

[8] 'Lamp family code' value description(s): '**LED29S**' = LED Module, system flux 2 900 lm, '**LED33S**' = LED Module, system flux 3 300 lm, '**LED43S**' = LED Module, system flux 4 300 lm, '**LED47S**' = LED Module, system flux 4 700 lm, '**LED50S**' = LED Module, system flux 5 000 lm, '**LED54S**' = LED Module, system flux 5 400 lm, '**LED66S**' = LED Module, system flux 6 600 lm, '**LED77S**' = LED Module, system flux 7 700 lm

[9] 'Light source color' value description(s): '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
SP542P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP543P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP544P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I

[11] 'IP Classification' value description(s): 'IP40' = Wire-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

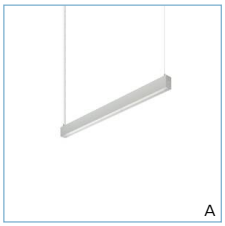
[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



TrueLine, suspended - True line of light: elegant, energy-efficient and compliant with office lighting norms

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, suspended is able to meet both sets of requirements. TrueLine is also available in recessed and surface-mounted versions.

Product Range


A


B


C


D


E

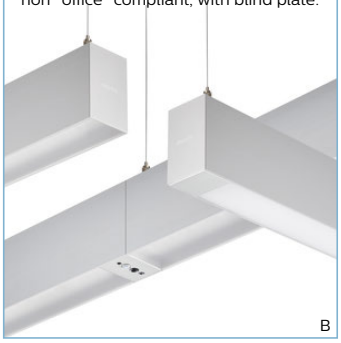

F

Detailed Photos

Office-compliant luminaire, view from below


A

Suspended stand-alone luminaire, office-compliant; suspended light-line, office-compliant, with ACL sensor; suspended stand-alone luminaire, non-office-compliant, with blind plate.


B

TrueLine_suspended-SP530P_SP531P_SP532P_SP533P_SM2_A DP17


C

TrueLine_suspended-SP530P_SP532P_L1130_ALU-DP02


D

TrueLine_suspended-SP530P_SP532P_ACL_L1170_ALU-DP03


E

TrueLine_suspended-SP531P_SP533P_L1130_ALU-DP01


F

TrueLine, suspended SP530P SP532P LE1 LF1 ALU Detail photo 11


G

TrueLine, suspended SP530P SP532P LE1 LF1 ALU Detail photo


H

TrueLine, suspended SP530P SP531P SP532P SP533P LF1 SMTT Detail photo



I

TrueLine, suspended SP530P SP531P SP532P SP533P LF1 SW2 Detail photo



J

TrueLine-SP534_SM534P-DPP.tif

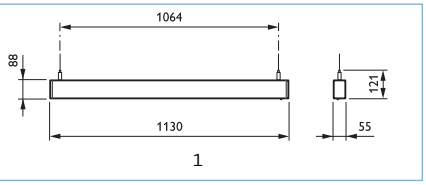


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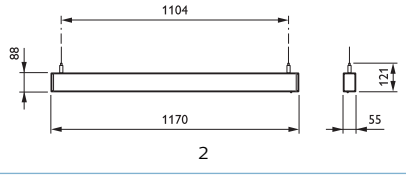


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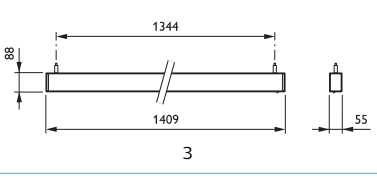
Dimension Drawing



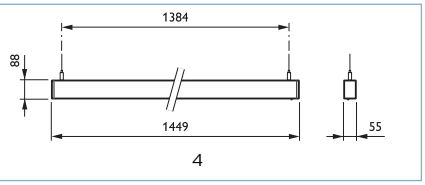
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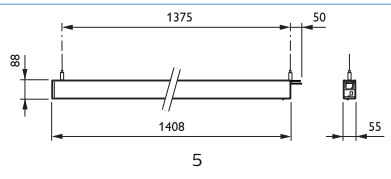
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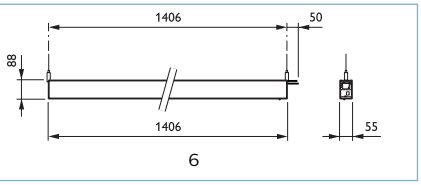
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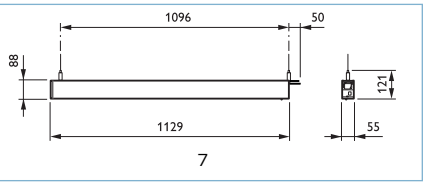
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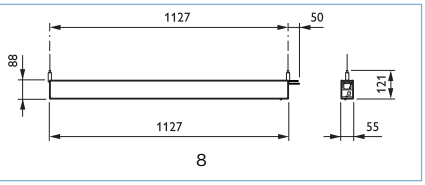
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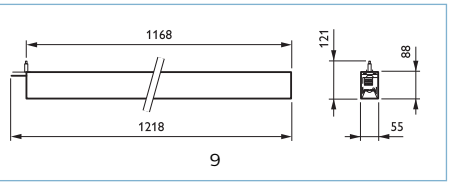
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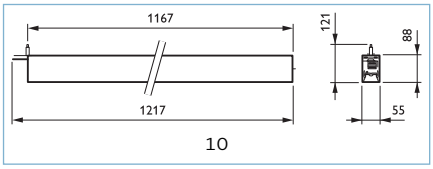
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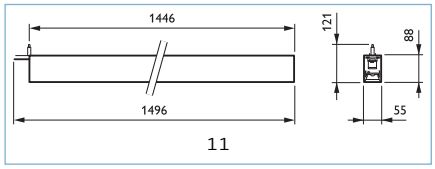
8



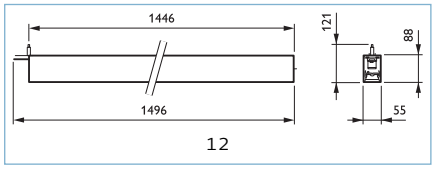
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Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/ lens type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Embed-ded control[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SP530P	1 LED25S/840	POE	PM	RJ45-M		ALU		17.0	147.0	A		1	041**01403**
SP530P	1 LED34S/840	POE	PM	RJ45-M		ALU		24.0	142.0	A		1	041**01603**
SP530P	1 LED34S/840	PSD	PM	PI5		ALU		24.0	142.0	A	A-D	1	040**97203**
SP530P	1 LED40S/840	PSD	PM	PI5		ALU		29.0	138.0	A	A-D	1	040**97303**
SP530P	1 LED40S/840	PSD	PM	PI5		ALU	ACL	30.0	133.0	B	B, C, E	2	040**97803**
SP530P	1 LED43S/840	PSD	PM	PI5		ALU		32.0	134.0	A	A-D	3	040**99903**
SP530P	1 LED50S/840	PSD	PM	PI5		ALU		38.5	130.0	A	A-D	3	041**00003**
SP530P	1 LED50S/840	PSD	PM	PI5		ALU	ACL	39.5	127.0	B	B, C, E	4	041**00103**
SP531P	1 LED15S/840	POE	PM	RJ45-M		ALU		13.8	109.0	C		1	041**01803**
SP531P	1 LED15S/840	PSD	PM	PI5		ALU		14.6	103.0	C	B, C, F	1	040**97603**
SP531P	1 LED19S/840	PSD	PM	PI5		ALU		17.8	107.0	C	B, C, F	3	041**00203**
SP531P	1 LED25S/840	POE	PM	RJ45-M		ALU		25.0	100.0	C		1	041**01903**
SP532P	1 LED21S/830	PSD	PM	PI5		ALU		15.2	142.0	A		1	041**02603**
SP532P	1 LED21S/840	POE	PM	RJ45-M		ALU		13.6	159.0	A		1	041**01503**
SP532P	1 LED21S/840	PSD	PM	PI5		ALU		15.2	142.0	A		1	041**02503**
SP532P	1 LED21S/840	PSD	PM	PI5		ALU	ACL	16.2	133.0	B		2	041**03003**
SP532P	1 LED29S/830	PSD	PM	PI5		ALU		20.0	145.0	A		3	041**04503**
SP532P	1 LED29S/830	PSD	PM	PI5		WH		20.0	145.0	A		3	041**05003**
SP532P	1 LED29S/840	PSD	PM	PI5		ALU		19.2	151.0	A		3	041**04403**

More data see next page



Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/ lens type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Embed-ded control[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
SP532P	1 LED29S/840	PSD	PM	PI5		ALU	ACL	20.2	144.0	B		4	04105703
SP532P	1 LED29S/840	PSD	PM	PI5		WH		19.2	151.0	A		3	04104903
SP532P	1 LED29S/840	PSD	PM	PI5	LE1	ALU		19.2	151.0	A		5	04106003
SP532P	1 LED29S/840	PSD	PM	PI5	LF1	ALU		19.2	151.0	A		6	04106103
SP532P	1 LED36S/830	PSD	PM	PI5		ALU		26.5	136.0	A		1	04102803
SP532P	1 LED36S/840	POE	PM	RJ45-M		ALU	ACL	26.0	138.0	B		2	04101703
SP532P	1 LED36S/840	PSD	PM	PI5		ALU		25.5	141.0	A		1	04102703
SP532P	1 LED36S/840	PSD	PM	PI5		ALU	ACL	26.5	136.0	B		2	04103103
SP532P	1 LED36S/840	PSD	PM	PI5		WH		25.5	141.0	A		1	04104303
SP532P	1 LED36S/840	PSD	PM	PI7	LE1	ALU		25.5	141.0	D	B, C, G, H	7	04098003
SP532P	1 LED36S/840	PSD	PM	PI7	LF1	ALU		25.5	141.0	D	B, G-I	8	04098103
SP532P	1 LED36S/840	PSD	PM	PI7	LF1	ALU		25.5	141.0	D	B, G, H, J	8	04098403
SP532P	1 LED47S/830	PSD	PM	PI5		ALU		36.0	132.0	A		3	04104703
SP532P	1 LED47S/830	PSD	PM	PI5		WH		36.0	132.0	A		3	04105203
SP532P	1 LED47S/840	PSD	PM	PI5		ALU		34.0	140.0	A		3	04105103
SP532P	1 LED47S/840	PSD	PM	PI5		ALU		34.0	140.0	A		3	04104603
SP532P	1 LED47S/840	PSD	PM	PI5		ALU	ACL	35.5	136.0	B		4	04105803
SP532P	1 LED47S/840	PSD	PM	PI5	LE1	ALU		34.0	140.0	D	B, C, G, H	5	04100703
SP532P	1 LED47S/840	PSD	PM	PI5	LF1	ALU		34.0	140.0	D	B, G-I	6	04100803
SP532P	1 LED47S/840	PSD	PM	PI5	LF1	ALU		34.0	140.0	D	B, G, H, J	6	04100903
SP532P	1 LED47S/840	PSD	PM	PI5	LF1	ALU		34.0	140.0	A		6	04106203
SP532P	1 LED49S/830	PSD	PM	PI5		ALU		37.5	132.0	A	A-C	1	04098203
SP532P	1 LED49S/840	PSD	PM	PI5		ALU		35.5	132.0	A	A, C	1	04097403
SP532P	1 LED49S/840	PSD	PM	PI5		ALU	ACL	36.5	136.0	B		2	04103203
SP532P	1 LED58S/830	PSD	PM	PI5		ALU		44.5	131.0	A		1	04102903
SP532P	1 LED58S/840	PSD	PM	PI5		ALU		42.5	138.0	A	A-C	1	04097503
SP532P	1 LED58S/840	PSD	PM	PI5		ALU	ACL	43.5	134.0	B	B, C, E	2	04097903
SP532P	1 LED66S/830	PSD	PM	PI5		ALU		53.0	125.0	A	A-C	3	04100403
SP532P	1 LED66S/830	PSD	PM	PI5		RALSTD		53.0	125.0	A		3	04105403
SP532P	1 LED66S/840	PSD	PM	PI5		ALU		50.0	132.0	A	A-C	3	04100303
SP532P	1 LED66S/840	PSD	PM	PI5		ALU	ACL	51.0	129.0	B		4	04105903
SP532P	1 LED66S/840	PSD	PM	PI5		RALSTD		50.0	132.0	A		3	04105303
SP532P	1 LED77S/830	PSD	PM	PI5		ALU		64.0	120.0	A		3	04104803
SP532P	1 LED77S/830	PSD	PM	PI5		RALSTD		64.0	120.0	A		3	04105603
SP532P	1 LED77S/840	PSD	PM	PI5		ALU		60.0	128.0	A	A-C	3	04100503
SP532P	1 LED77S/840	PSD	PM	PI5		ALU	ACL	61.0	126.0	B	B, C, E	4	04100603
SP532P	1 LED77S/840	PSD	PM	PI5		RALSTD		60.0	128.0	A		3	04105503
SP533P	1 LED24S/830	PSD	PM	PI5		ALU		22.0	109.0	C	B, C, F	1	04098303
SP533P	1 LED24S/840	POE	PM	RJ45-M		ALU		20.0	122.0	C		1	04102003
SP533P	1 LED24S/840	PSD	PM	PI5		ALU		21.0	116.0	C		1	04103503
SP533P	1 LED24S/840	PSD	PM	PI5		ALU	ACL	22.0	111.0	E		2	04103703
SP533P	1 LED33S/830	PSD	PM	PI5		ALU		31.0	106.0	C	B, C, F	3	04101103
SP533P	1 LED33S/830	PSD	PM	PI5		RALSTD		31.0	106.0	C		3	04106603
SP533P	1 LED33S/840	PSD	PM	PI5		ALU		29.0	114.0	C		3	04106303
SP533P	1 LED33S/840	PSD	PM	PI5		ALU	ACL	30.0	110.0	B		4	04106903
SP533P	1 LED33S/840	PSD	PM	PI5		RALSTD		29.0	114.0	C		3	04106503
SP533P	1 LED33S/840	PSD	PM	PI5	LE1	ALU		29.0	114.0	E		5	04107103
SP533P	1 LED33S/840	PSD	PM	PI5	LF1	ALU		29.0	114.0	E		6	04107303
SP533P	1 LED41S/830	PSD	PM	PI5		ALU		38.5	106.0	C		1	04103603
SP533P	1 LED41S/840	PSD	PM	PI5		ALU		36.0	114.0	C	B, C, F	1	04097703
SP533P	1 LED41S/840	PSD	PM	PI5		ALU	ACL	37.0	111.0	E		2	04103803
SP533P	1 LED54S/830	PSD	PM	PI5		ALU		55.0	98.0	C		3	04106403
SP533P	1 LED54S/830	PSD	PM	PI5		RALSTD		55.0	98.0	C		3	04106803
SP533P	1 LED54S/840	PSD	PM	PI5		ALU		51.0	106.0	C	B, C, F	3	04101003
SP533P	1 LED54S/840	PSD	PM	PI5		ALU	ACL	52.0	104.0	B		4	04107003
SP533P	1 LED54S/840	PSD	PM	PI5		RALSTD		51.0	106.0	C		3	04106703
SP533P	1 LED54S/840	PSD	PM	PI5	LE1	ALU		51.0	106.0	E		5	04107203
SP533P	1 LED54S/840	PSD	PM	PI5	LF1	ALU		51.0	106.0	E		6	04107403
SP534P	1 LED34S/840	PSD	PM	PI5	LE1	ALU		28.0	121.0	D	K, L	9	04113003
SP534P	1 LED34S/840	PSD	PM	PI5	LF1	ALU		28.0	121.0	D	K, L	10	04113103
SP534P	1 LED40S/840	PSD	PM	PI5		ALU		34.5	116.0	F	K, L	1	04112803
SP534P	1 LED40S/840	PSD	PM	PI5	LE1	ALU		34.5	116.0	D	K, L	9	04113203
SP534P	1 LED40S/840	PSD	PM	PI5	LF1	ALU		34.5	116.0	D	K, L	10	04113303
SP534P	1 LED43S/840	PSD	PM	PI5	LE1	ALU		35.5	121.0	D	K, L	11	04113403

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/ lens type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Embed-ded control[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SP534P	1 LED43S/840	PSD	PM	PI5	LF1	ALU		35.5	121.0	D	K, L	12	041**13503**
SP534P	1 LED50S/840	PSD	PM	PI5		ALU		42.5	118.0	F	K, L	3	041**12903**
SP534P	1 LED50S/840	PSD	PM	PI5	LE1	ALU		42.5	118.0	D	K, L	11	041**13603**
SP534P	1 LED50S/840	PSD	PM	PI5	LF1	ALU		42.5	118.0	D	K, L	12	041**13703**

[1] 'Type' value description(s): 'SP530P' = TrueLine DIRECT OC, 'SP531P' = TrueLine DIRECT NOC, 'SP532P' = TrueLine DIRECT/INDIRECT OC, 'SP533P' = TrueLine DIRECT/INDIRECT NOC, 'SP534P' = TrueLine Suspended DIRECT Asym

[2] 'Lamp' value description(s): 'LED15S' = LED Module, system flux 1 500 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED21S' = LED Module, system flux 2 100 lm, 'LED24S' = LED Module, system flux 2 400 lm, 'LED25S' = LED Module, system flux 2 500 lm, 'LED29S' = LED Module, system flux 2 900 lm, 'LED33S' = LED Module, system flux 3 300 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED36S' = LED Module, system flux 3 600 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED41S' = LED Module, system flux 4 100 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED47S' = LED Module, system flux 4 700 lm, 'LED49S' = LED Module, system flux 4 900 lm, 'LED50S' = LED Module, system flux 5 000 lm, 'LED54S' = LED Module, system flux 5 400 lm, 'LED58S' = LED Module, system flux 5 800 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED77S' = LED Module, system flux 7 700 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'POE' = Luminaire controller with power over Ethernet, 'PSD' = Power supply unit with DALI interface

[4] 'Optical cover/lens type' value description(s): 'PM' = Polymethyl methacrylate bowl/cover

[5] 'Connection' value description(s): 'PI5' = Push-in connector 5-pole, 'PI7' = Push-in connector 7-pole, 'RJ45-M' = RJ45 connector, male

[6] 'Housing' value description(s): 'LE1' = Line-end luminaire 1-phase, 'LF1' = Line-feature luminaire 1-phase

[7] 'Accessory color' value description(s): 'ALU' = Aluminum, 'RALSTD' = RAL standard (to be defined), 'WH' = White

[8] 'Embedded control' value description(s): 'ACL' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP530P		51 to 54	+/-10%		0.28	19	17.0	1	70 000	50 000	25 000
SP530P		51 to 54	+/-10%		0.28	19	24.0	1	70 000	50 000	25 000
SP530P	50-60	220 to 240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
SP530P	50-60	220 to 240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
SP530P	50-60	220 to 240	+/-10%	0.9	0.28	19	39.5	1	70 000	50 000	25 000
SP530P	50-60	220-240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
SP530P	50-60	220-240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
SP530P	50-60	220-240	+/-10%	0.9	0.28	19	30.0	1	70 000	50 000	25 000
SP531P		51 to 54	+/-10%		0.28	19	13.8	1	70 000	50 000	25 000
SP531P		51 to 54	+/-10%		0.28	19	25.0	1	70 000	50 000	25 000
SP531P	50-60	220 to 240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
SP531P	50-60	220-240	+/-10%	0.9	0.28	19	14.6	1	70 000	50 000	25 000
SP532P		51 to 54	+/-10%		0.28	19	13.6	1	70 000	50 000	25 000
SP532P		51 to 54	+/-10%		0.28	19	26.0	1	70 000	50 000	25 000
SP532P	50-60	220 to 240	+/-10%	0.9	0.28	19	34.0	1	70 000	50 000	25 000
SP532P	50-60	220 to 240	+/-10%	0.9	0.28	19	50.0	1	70 000	50 000	25 000
SP532P	50-60	220 to 240	+/-10%	0.9	0.28	19	53.0	1	70 000	50 000	25 000
SP532P	50-60	220 to 240	+/-10%	0.9	0.28	19	60.0	1	70 000	50 000	25 000
SP532P	50-60	220 to 240	+/-10%	0.9	0.28	19	61.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	15.2	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	16.2	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	19.2	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	20.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	20.2	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	25.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	26.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	34.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	36.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	36.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	37.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	43.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	44.5	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	50.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	51.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	53.0	1	70 000	50 000	25 000
SP532P	50-60	220-240	+/-10%	0.9	0.28	19	64.0	1	70 000	50 000	25 000
SP533P		51 to 54	+/-10%		0.28	19	20.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP533P	50-60	220 to 240	+/-10%	0.9	0.28	19	31.0	1	70 000	50 000	25 000
SP533P	50-60	220 to 240	+/-10%	0.9	0.28	19	51.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	21.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	22.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	30.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	31.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	36.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	37.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	51.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	52.0	1	70 000	50 000	25 000
SP533P	50-60	220-240	+/-10%	0.9	0.28	19	55.0	1	70 000	50 000	25 000
SP534P	50-60	220 to 240	+/-10%	0.9	0.28	19	34.5	1	70 000	50 000	25 000
SP534P	50-60	220 to 240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
SP534P	50-60	220 to 240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000
SP534P	50-60	220-240	+/-10%	0.9	0.28	19	28.0	1	70 000	50 000	25 000
SP534P	50-60	220-240	+/-10%	0.9	0.28	19	34.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP530P	LED25S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	147.0	2 500	+/-10%
SP530P	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	3 400	+/-10%
SP530P	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	133.0	4 000	+/-10%
SP530P	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	4 000	+/-10%
SP530P	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	4 300	+/-10%
SP530P	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	127.0	5 000	+/-10%
SP530P	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	130.0	5 000	+/-10%
SP531P	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	103.0	1 500	+/-10%
SP531P	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	109.0	1 500	+/-10%
SP531P	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	107.0	1 900	+/-10%
SP531P	LED25S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	100.0	2 500	+/-10%
SP532P	LED21S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	142.0	2 160	+/-10%
SP532P	LED21S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	133.0	2 160	+/-10%
SP532P	LED21S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	2 160	+/-10%
SP532P	LED21S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	159.0	2 160	+/-10%
SP532P	LED29S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	145.0	2 900	+/-10%
SP532P	LED29S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144.0	2 900	+/-10%
SP532P	LED29S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	151.0	2 900	+/-10%
SP532P	LED36S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	136.0	3 600	+/-10%
SP532P	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136.0	3 600	+/-10%
SP532P	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	3 600	+/-10%
SP532P	LED36S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	141.0	3 600	+/-10%
SP532P	LED47S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	132.0	4 750	+/-10%
SP532P	LED47S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136.0	4 750	+/-10%
SP532P	LED47S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	140.0	4 750	+/-10%
SP532P	LED49S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	132.0	4 950	+/-10%
SP532P	LED49S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	132.0	4 950	+/-10%
SP532P	LED49S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	136.0	4 950	+/-10%
SP532P	LED58S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	131.0	5 850	+/-10%
SP532P	LED58S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	5 850	+/-10%
SP532P	LED58S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	5 850	+/-10%
SP532P	LED66S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	125.0	6 600	+/-10%
SP532P	LED66S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	129.0	6 600	+/-10%
SP532P	LED66S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	132.0	6 600	+/-10%
SP532P	LED77S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	120.0	7 700	+/-10%
SP532P	LED77S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	126.0	7 700	+/-10%
SP532P	LED77S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	128.0	7 700	+/-10%
SP533P	LED24S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	109.0	2 440	+/-10%
SP533P	LED24S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	111.0	2 440	+/-10%
SP533P	LED24S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	116.0	2 440	+/-10%

More data see next page

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP533P	LED24S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	122.0	2 440	+/-10%
SP533P	LED33S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	106.0	3 300	+/-10%
SP533P	LED33S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	110.0	3 300	+/-10%
SP533P	LED33S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	114.0	3 300	+/-10%
SP533P	LED41S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	106.0	4 100	+/-10%
SP533P	LED41S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	111.0	4 100	+/-10%
SP533P	LED41S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	114.0	4 100	+/-10%
SP533P	LED54S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	98.0	5 400	+/-10%
SP533P	LED54S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	104.0	5 400	+/-10%
SP533P	LED54S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	106.0	5 400	+/-10%
SP534P	LED34S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	3 400	+/-10%
SP534P	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	116.0	4 000	+/-10%
SP534P	LED43S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	4 300	+/-10%
SP534P	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118.0	5 000	+/-10%

[9] 'Lamp family code' value description(s): 'LED15S' = LED Module, system flux 1 500 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED21S' = LED Module, system flux 2 100 lm, 'LED24S' = LED Module, system flux 2 400 lm, 'LED25S' = LED Module, system flux 2 500 lm, 'LED29S' = LED Module, system flux 2 900 lm, 'LED33S' = LED Module, system flux 3 300 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED36S' = LED Module, system flux 3 600 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED41S' = LED Module, system flux 4 100 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED47S' = LED Module, system flux 4 700 lm, 'LED49S' = LED Module, system flux 4 900 lm, 'LED50S' = LED Module, system flux 5 000 lm, 'LED54S' = LED Module, system flux 5 400 lm, 'LED58S' = LED Module, system flux 5 800 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED77S' = LED Module, system flux 7 700 lm

[10] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
SP530P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP530P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP531P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP531P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP532P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP532P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP533P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP533P	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP534P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[12] 'IP Classification' value description(s): 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



Simple and flexible solution to design modern light lines in professional and retail spaces

Light line solutions are always in fashion. therefore we know that delivering innovation in this field is crucial. PlainView is a modern looking, neat luminaire offering comfortable, good quality lighting and can also work as a design element. The luminaires offer high quality specifications and flexibility with different options for lumen packages. Thanks to these features and benefits, PlainView delivers ideal lighting in the non-working areas of professional spaces such as offices, educational institutes, and also the welcoming areas and entrances of retail spaces.

Product Range



Detailed Photos

PlainView_Suspended-SP140P-7DPP.tif



A

PlainView_Suspended-SP140P-2DPP.tif



B

PlainView_Suspended-SP140P-4DPP.tif



C

PlainView_Suspended-SP140P-1DPP.tif



D

PlainView_Suspended-SP140P-3DPP.tif



E

PlainView_Suspended-SP140P-5DPP.tif



F

PlainView_Recessed-RC140B-7DPP.tif



G

PlainView_Recessed-RC140B-6DPP.tif



H

PlainView_Recessed-RC140B-8DPP.tif



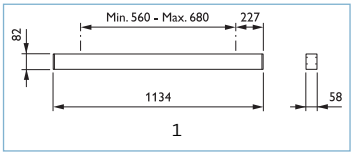
I

PlainView_Recessed-RC140B-9DPP.tif

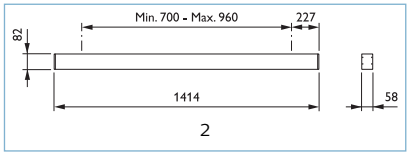


J

Dimension Drawing



1



2

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9124...)
SP140P	840	PSD	PI5	WH	40	90.0	A-I	1	*014***83007**
SP140P	840	PSD	PI5	WH	50	95.0	A-J	2	*014***83011**
SP140P	840	PSU	PI	WH	40	90.0	A-J	1	*014***83008**
SP140P	840	PSU	PI	WH	50	95.0	A-J	2	*014***83012**

[1] 'Lamp' value description(s): '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit

[3] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'PI5' = Push-in connector 5-pole

[4] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SP140P	50-60	220 to 240	+/-10%	0.9	275	22	40	1	50 000	30 000	15 000
SP140P	50-60	220 to 240	+/-10%	0.9	275	22	50	1	50 000	30 000	15 000
SP140P	50-60	220 to 240	+/-10%	0.9	280	19	40	1	50 000	30 000	15 000
SP140P	50-60	220 to 240	+/-10%	0.9	280	19	50	1	50 000	30 000	15 000

Light technical data

Type	Light source color[5]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SP140P	840	4000	≥80	100	(0.38, 0.38) SDCM <3	90.0	3 800	+/-10%
SP140P	840	4000	≥80	100	(0.38, 0.38) SDCM <3	95.0	4 800	+/-10%

[5] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[6]	IP Classification[7]	Mech. impact protection code[8]	CE mark	Flammability mark[9]	Glow-wire test[10] (°C/s)	RoHS mark
SP140P	I	IP40	IK02	CE	F	650/30	ROHS

[6] 'Protection class IEC' value description(s): 'I' = Safety class I

[7] 'IP Classification' value description(s): 'IP40' = Wire-protected

[8] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[9] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[10] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



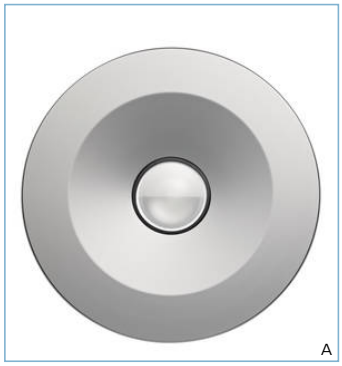
Fresh Food Pendant – LED technology in a stylish pendant

Retailers want to create an appealing ambiance and enhance the merchandize in their stores with the right light and beautifully designed products. They are also keen to reduce their running costs (energy, maintenance). By incorporating LED technology in a beautiful, pure design, the Fresh Food Pendant meets these expectations in full.

Product Range

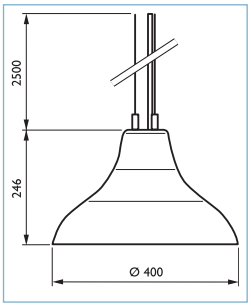


Detailed Photos





Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
PT570P	1 LED19S/FMT	PSU	WB	GR	36.0	53.0	037**06548**
PT570P	1 LED27S/840	PSU	WB	GR	26.5	102.0	037**06546**
PT570P	1 LED27S/930	PSU	WB	GR	34.0	76.0	037**06545**

[1] 'Type' value description(s): '**PT570P**' = Fresh Food Pendant

[2] 'Lamp' value description(s): '**FMT**' = Fresh meat, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**840**' = 840 neutral white, '**930**' = 930 warm white

[3] 'Driver/power unit/transformer' value description(s): '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**WB**' = Wide beam

[5] 'Accessory color' value description(s): '**GR**' = Gray

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
PT570P	50-60	220 to 240	+/-10%	0.9	0.22	14.5	26.5	1	50 000	30 000	20 000
PT570P	50-60	220 to 240	+/-10%	0.9	0.25	20.0	34.0	1	50 000	30 000	20 000
PT570P	50-60	220 to 240	+/-10%	0.9	0.25	20.0	36.0	1	50 000	30 000	20 000

Light technical data

Type	Lamp family code[6]	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
PT570P	LED19S	FMT	3100	>90	54	(0.40, 0.33) SDCM <5	53.0	1 900	+/-10%
PT570P	LED27S	840	4000	>80	54	(0.38, 0.37) SDCM <5	102.0	2 700	+/-10%
PT570P	LED27S	930	3000	>90	54	(0.43, 0.40) SDCM <5	76.0	2 600	+/-10%

[6] 'Lamp family code' value description(s): '**LED19S**' = LED Module, system flux 1 900 lm, '**LED27S**' = LED Module, system flux 2 700 lm

[7] 'Light source color' value description(s): '**FMT**' = Fresh meat, '**840**' = 840 neutral white, '**930**' = 930 warm white

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	Flammability mark[11]	Glow-wire test[12] (°C/s)
PT570P	I	IP20	IK02	CE	F	650/5

[8] 'Protection class IEC' value description(s): '**I**' = Safety class I

[9] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[10] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[11] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[12] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



A flexible and affordable retail toolbox

Thanks to the GreenSpace Accent family, retailers and building operators can now easily make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Pendant can be installed on a regular 3C adaptor or onto a ceiling mount with track interface for quick and easy installation. The cable can be cut to length to perfectly match the installation height of the luminaire. For fashion and food retailers, GreenSpace Accent Pendant is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light. Check out our Fashion and Food catalogue pages to discover more about CrispWhite, PremiumWhite, Fresh Food Meat and Fresh Food Champagne.

Product Range


A


B


C

Detailed Photos

GreenSpace_Accent_Pendant-PT320T_C-1DPP.tif


A

GreenSpace_Accent_Pendant-PT320T_C-2DPP.tif


B


C

GreenSpace_Accent_Pendant PT320T-DPP.TIF


D

GreenSpace_Accent_Pendant PT320T_RPS-DPP.TIF


E

GreenSpace_Accent_Pendant PT320T_SOS-DPP.TIF


F

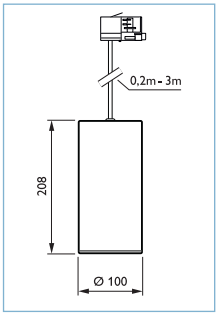
GreenSpace_Accent_Pendant PT320T_BCS-DPP.TIF


G

GreenSpace_Accent_Pendant PT320T_BBS-DPP.TIF


H

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
PT320C	840	PSU	MB	PM	CFW	WH	14.4	118.0	A	A-C	004**65124**
PT320C	LED17S/CRW	PSU	WB	PM	CFW	SI	20.0	85.0	B	A-C	004**65126**
PT320C	LED17S/PW9	PSU	WB	PM	CFW	BK	17.0	100.0	C	A-C	004**65125**
PT320T	827	PSD	MB	PM	CFW	BK	23.0	117.0	C	A, B, D-H	004**65129**
PT320T	827	PSU	MB	PM	CFW	WH	14.4	118.0	A	A, B, D-H	004**65122**
PT320T	830	PSD	MB	PM	CFW	WH	23.0	117.0	A	A, B, D-H	004**65130**
PT320T	830	PSU	MB	PM	CFW	BK	14.4	118.0	C	A, B, D-H	004**65123**
PT320T	840	PSD	MB	PM	CFW	BK	23.0	117.0	C	A, B, D-H	004**65131**
PT320T	LED17S/CH	PSU	VWB	PM	CFW	BK	14.4	118.0	C	A, B, D-H	004**65311**
PT320T	LED17S/CH	PSU	VWB	PM	CFW	BK	23.0	74.0	C	A, B	004**65127**
PT320T	LED19S/FMT	PSD	VWB	PM	CFW	BK	26.5	64.0	C	A, B, D-H	004**65128**
PT320T	LED27S/CRW	PSD	WB	PM	CFW	BK	33.0	82.0	C	A, B, D-H	004**65133**
PT320T	LED27S/PW9	PSD	WB	PM	CFW	SI	27.0	100.0	B	A, B, D-H	004**65132**

[1] 'Type' value description(s): '**PT320C**' = GSA Pendant Ceiling Mounted, '**PT320T**' = GSA Pendant Track Mounted

[2] 'Lamp' value description(s): '**CH**' = Champagne, '**CRW**' = Crisp white, '**FMT**' = Fresh meat, '**PW9**' = Premium white with CRI ≥90, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**MB**' = Medium beam, '**VWB**' = Very wide beam, '**WB**' = Wide beam

[5] 'Optical cover/lens type' value description(s): '**PM**' = Polymethyl methacrylate bowl/cover

[6] 'Connection' value description(s): '**CFW**' = Flying leads/wires

[7] 'Accessory color' value description(s): '**BK**' = Black, '**SI**' = Silver, '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
PT320C	50-60	220 to 240	+/-10%	0.9	0.240	18.6	14.4	1	70 000	50 000	25 000
PT320C	50-60	220 to 240	+/-10%	0.9	0.240	18.6	17.0	1	70 000	50 000	25 000
PT320C	50-60	220 to 240	+/-10%	0.9	0.240	18.6	20.0	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.240	18.6	14.4	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.240	18.6	23.0	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.195	20.4	23.0	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.195	20.4	26.5	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.195	20.4	27.0	1	70 000	50 000	25 000
PT320T	50-60	220 to 240	+/-10%	0.9	0.195	20.4	33.0	1	70 000	50 000	25 000
PT320T	50-60	220-240	+/-10%	0.9	0.240	18.6	14.4	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
PT320C		840	4000	≥80	24	(0.38, 0.38) SDCM<3	118.0	1 700	+/-10%
PT320C	LED17S	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	85.0	1 700	+/-10%
PT320C	LED17S	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	100.0	1 700	+/-10%
PT320T		827	2700	≥80	24	(0.46, 0.41) SDCM<3	117.0	2 700	+/-10%

More data see next page

Type	Lamp family code	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
PT320T		827	2700	≥80	24	(0.46, 0.41) SDCM<3	118.0	1 700	+/-10%
PT320T		830	3000	≥80	24	(0.43, 0.40) SDCM<3	118.0	1 700	+/-10%
PT320T		830	3000	≥80	38	(0.43, 0.40) SDCM<3	117.0	2 700	+/-10%
PT320T		840	4000	≥80	38	(0.38, 0.38) SDCM<3	117.0	2 700	+/-10%
PT320T	LED17S	CH	2500	≥90	38	(0.46, 0.39) SDCM<3	74.0	1 700	+/-10%
PT320T	LED17S	CH	2700	≥80	38	(0.46, 0.39) SDCM<3	118.0	1 700	+/-10%
PT320T	LED19S	FMT	3000	≥85	30	(0.40, 0.33) SDCM<3	64.0	1 900	+/-10%
PT320T	LED27S	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	82.0	2 700	+/-10%
PT320T	LED27S	PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	100.0	2 700	+/-10%

[8] 'Light source color' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
PT320C	I	IP20	IK02	CE	ENEC	F	650/5	ROHS
PT320T	I	IP20	IK02	CE	ENEC	F	650/5	ROHS

[9] 'Protection class IEC' value description(s): 'I' = Safety class I

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



Fully customizable pendant luminaire for retail

Retailers want to create an appealing ambiance and enhance the merchandize in their stores with the right light and beautifully matching products. Pendant luminaires can attract attention to a specific part of the store and can be used to create zones in the store. CustomCreate provides stores with the latest benefits of LED technology, and can also illuminate store areas with dedicated Fresh Food light recipes, and it enables multiple light effects and intensities thanks to the built-in PerfectAccent reflectors. Furthermore, to fully match the given retail environment and brand, the outer shade of the product is fully customizable in terms of color, translucency, pattern and form. This outer shade can also easily be changed without the need to switch off the light or demount the luminaire.

Product Range


A


B

Detailed Photos

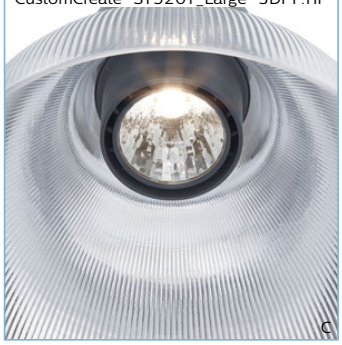
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A

CustomCreate-ST520T_Small-1DPP.TIF


B

CustomCreate-ST520T_Large-3DPP.TIF


C

CustomCreate-ST520T_Large-1DPP.TIF


D

Technical Specification

Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9125...)
827	PSU	24	CE	GR	24.5	107.0	A	A, B	001**00444**
830	PSD	24	CE	CL	54.7	119.0	B	C, D	001**00456**
830	PSD	PR-WB	CE	CL	71.0	113.0	B	C, D	001**00458**
830	PSU	24	CE	CL	40.3	122.0	B	C, D	001**00453**
830	PSU	24	CE	GR	24.5	111.0	A	A, B	001**00445**
830	PSU	24	CE	GR	33.0	120.0	A	A, B	001**00450**
840	PSD	36	CE	CL	50.9	127.0	B	C, D	001**00457**
840	PSD	PR-WB	CE	CL	64.0	125.0	B	C, D	001**00459**
840	PSU	36	CE	CL	40.3	127.0	B	C, D	001**00454**
840	PSU	36	CE	GR	24.5	115.0	A	A, B	001**00446**
840	PSU	36	CE	GR	33.0	126.0	A	A, B	001**00451**
CH	PSD	36	CE	GR	24.5	107.0	A	A, B	001**00449**

More data see next page

Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9125...)
PW9	PSD	60	CE	CL	49.5	98.0	B	C, D	001**00455**
PW9	PSD	60	CE	GR	28.6	93.0	A	A, B	001**00447**
PW9	PSD	60	CE	GR	40.4	95.0	A	A, B	001**00452**
ROSE	PSD	24	CE	GR	36.5	74.0	A	A, B	001**00448**

[1] 'Lamp' value description(s): '**CH**' = Champagne, '**PW9**' = Premium white with CRI ≥90, '**ROSE**' = Rosé, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[3] 'Optic type' value description(s): '**PR-WB**' = Prismatic reflector wide beam, '**24**' = Beam angle 24°, '**36**' = Beam angle 36°, '**60**' = Beam angle 60°

[4] 'Connection' value description(s): '**CE**' = External connector

[5] 'Accessory color' value description(s): '**CL**' = Clear, '**GR**' = Gray

Electrical data

Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L80B50 (h)
50-60	220-240	+/-10%	0.9	186	24.9	40.4	0.01	50 000
50-60	220-240	+/-10%	0.9	186	24.9	49.5	0.01	50 000
50-60	220-240	+/-10%	0.9	186	24.9	50.9	0.01	50 000
50-60	220-240	+/-10%	0.9	186	24.9	54.7	0.01	50 000
50-60	220-240	+/-10%	0.9	195	20.4	24.5	0.01	50 000
50-60	220-240	+/-10%	0.9	195	20.4	28.6	0.01	50 000
50-60	220-240	+/-10%	0.9	195	20.4	36.5	0.01	50 000
50-60	220-240	+/-10%	0.9	209	50.0	64.0	0.01	50 000
50-60	220-240	+/-10%	0.9	209	50.0	71.0	0.01	50 000
50-60	220-240	+/-10%	0.9	250	18.0	24.5	0.01	50 000
50-60	220-240	+/-10%	0.9	250	18.0	33.0	0.01	50 000
50-60	220-240	+/-10%	0.9	250	18.0	40.3	0.01	50 000

Light technical data

Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
827	2700	>80	24	(0.46, 0.41) SDCM<3	107.0	2 627	+/-10%
830	3000	>80		(0.43, 0.40) SDCM<3	113.0	7 997	+/-10%
830	3000	>80	24	(0.43, 0.40) SDCM<3	111.0	2 730	+/-10%
830	3000	>80	24	(0.43, 0.40) SDCM<3	119.0	6 530	+/-10%
830	3000	>80	24	(0.43, 0.40) SDCM<3	120.0	3 950	+/-10%
830	3000	>80	24	(0.43, 0.40) SDCM<3	122.0	4 906	+/-10%
840	4000	>80		(0.38, 0.38) SDCM<3	125.0	8 014	+/-10%
840	4000	>80	36	(0.38, 0.38) SDCM<3	115.0	2 840	+/-10%
840	4000	>80	36	(0.38, 0.38) SDCM<3	126.0	4 169	+/-10%
840	4000	>80	36	(0.38, 0.38) SDCM<3	127.0	5 120	+/-10%
840	4000	>80	36	(0.38, 0.38) SDCM<3	127.0	6 458	+/-10%
CH	2700	>80	36	(0.46, 0.41) SDCM<3	107.0	2 627	+/-10%
PW9	3000	>90	60	(0.42, 0.39) SDCM<3	93.0	2 654	+/-10%
PW9	3000	>90	60	(0.42, 0.39) SDCM<3	95.0	3 850	+/-10%
PW9	3000	>90	60	(0.42, 0.39) SDCM<3	98.0	4 855	+/-10%
ROSE	2200	>80	36	(0.48, 0.38) SDCM<5	74.0	2 718	+/-10%

[6] 'Light source color' value description(s): '**CH**' = Champagne, '**PW9**' = Premium white with CRI ≥90, '**ROSE**' = Rosé, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	ENEC mark	Glow-wire test[10] (°C/s)	RoHS mark
II	IP20	IK02	CE	ENEC	650/30	ROHS

[7] 'Protection class IEC' value description(s): '**II**' = Safety class II

[8] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[9] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[10] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



LED luminaires


PowerBalance, surface mounted 92


SmartBalance, surface mounted 96


FastSet, Surface Mounted 99


TrueLevel, surface mounted 102


CoreLine Surface-mounted 106


TrueLine, surface mounted 110


StoreSet 113



PowerBalance surface-mounted – sustainable performance

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability provided the investment pays back. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance is Philips' most energy-efficient office-norm-compliant LED luminaire. It more than halves energy costs compared to a T5 solution, and the light source has a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market. PowerBalance surface-mounted luminaires are easy to install on ceilings thanks to their intuitive mounting system. PowerBalance is also available in a recessed version.

Product Range


A


B


C


D

Detailed Photos

Luminaire in mounting position on ceiling; suspension sets available for square and rectangular luminaires


A

Electrical connector



B

Suspension set for square shape has four wires that are connected to the four corners of the luminaire


C

Connection pieces for in-line mounting


D

PowerBalance is easy to install thanks to the large opening in the top of the luminaire


E

Closing mechanism


F

PowerBalance, square shape, suspended


G

Electrical connector



H

Closing mechanism



I

PowerBalance luminaire, suspended mounting



J

Triangular suspension set for rectangular PowerBalance luminaire



K

In-line mounting using connection pieces



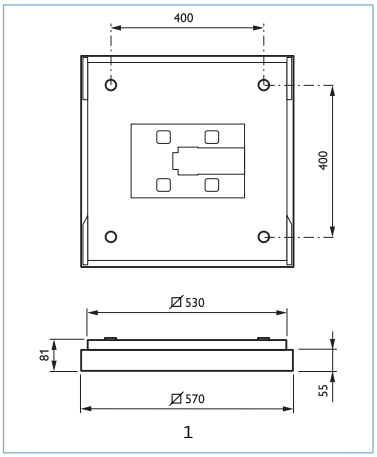
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PowerBalance luminaire, ceiling-mounted

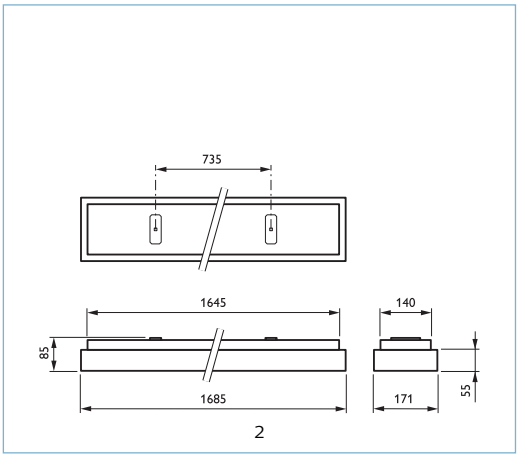


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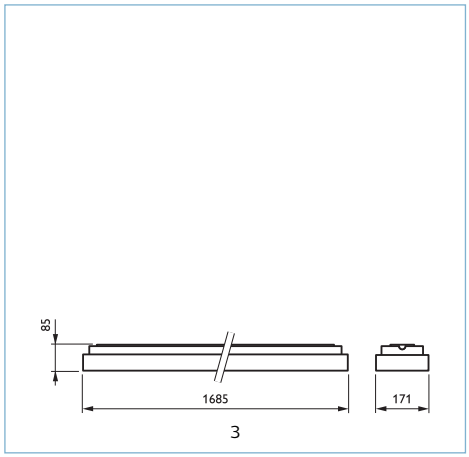
Dimension Drawing



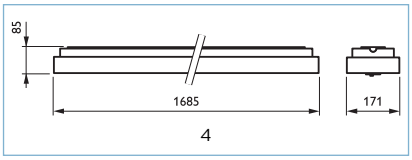
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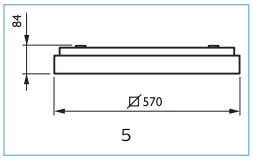
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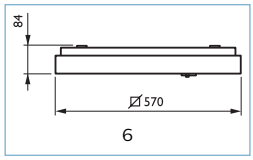
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4



5



6

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SM461V	1 LED28S/830	PSD	W57L57	PIP	WH		21.5	130	A	A-G	1	040**93303**
SM461V	1 LED28S/840	PSD	W17L169	PIP	WH		21.0	133	B	D, H-M	2	040**92203**
SM461V	1 LED28S/840	PSD	W17L169	PIP	WH	ACL	22.0	127	C	D, H-M	2	040**92303**
SM461V	1 LED28S/840	PSD	W57L57	PIP	WH		20.5	137	A	A-G	1	040**91503**
SM461V	1 LED28S/840	PSD	W57L57	PIP	WH	ACL	21.5	130	D	A-G	1	040**91603**
SM461V	1 LED34S/830	PSD	W17L169	PIP	WH		26.0	131	B	D, H-M	2	040**93603**
SM461V	1 LED34S/830	PSD	W57L57	PIP	WH		25.0	136	A	A-G	1	040**93403**
SM461V	1 LED34S/840	POE	W17L169	PIP	WH		24.5	139	B		3	041**09303**
SM461V	1 LED34S/840	POE	W17L169	PIP	WH	ACL	25.5	133	C		4	041**09403**
SM461V	1 LED34S/840	POE	W57L57	PIP	WH		23.5	145	A		5	041**09003**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
SM461V	1 LED34S/840	POE	W57L57	PIP	WH	ACL	24.5	139	D		6	041**09103**
SM461V	1 LED34S/840	PSD	W17L169	PIP	WH		26.0	131	B	D, H-M	2	040**91103**
SM461V	1 LED34S/840	PSD	W17L169	PIP	WH	ACL	27.0	126	C	D, H-M	2	040**92503**
SM461V	1 LED34S/840	PSD	W57L57	PIP	WH		24.0	142	A	A-G	1	040**91403**
SM461V	1 LED34S/840	PSD	W57L57	PIP	WH	ACL	25.0	136	D	A-G	1	040**91803**
SM461V	1 LED34S/840	PSD-T	W17L169	PIP	WH	ACL	27.0	126	C	D, H-M	2	040**93103**
SM461V	1 LED34S/840	PSD-T	W57L57	PIP	WH	ACL	25.0	136	D	A-G	1	040**92903**
SM461V	1 LED40S/830	PSD	W17L169	PIP	WH		32.0	125	B	D, H-M	2	040**93703**
SM461V	1 LED40S/830	PSD	W57L57	PIP	WH		30.0	133	A	A-G	1	040**93503**
SM461V	1 LED40S/840	PSD	W17L169	PIP	WH		30.0	133	B	D, H-M	2	040**91203**
SM461V	1 LED40S/840	PSD	W17L169	PIP	WH	ACL	31.0	129	C	D, H-M	2	040**92703**
SM461V	1 LED40S/840	PSD	W57L57	PIP	WH		28.5	140	A	A-G	1	040**91303**
SM461V	1 LED40S/840	PSD	W57L57	PIP	WH	ACL	29.5	136	D	A-G	1	040**92003**
SM461V	1 LED40S/840	PSD-T	W17L169	PIP	WH	ACL	31.0	129	C	D, H-M	2	040**93203**
SM461V	1 LED40S/840	PSD-T	W57L57	PIP	WH	ACL	29.5	136	D	A-G	1	040**93003**

[1] 'Type' value description(s): 'SM461V' = PowerBalance Surface-mounted

[2] 'Lamp' value description(s): 'LED28S' = LED Module, system flux 2 800 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'POE' = Luminaire controller with power over Ethernet, 'PSD' = Power supply unit with DALI interface, 'PSD-T' = Power supply unit with DALI touch-switch & dimming interface

[4] 'Geometry' value description(s): 'W17L169' = Width 0.17 m, length 1.69 m, 'W57L57' = Width 0.57 m, length 0.57 m

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): 'WH' = White

[7] 'Embedded control' value description(s): 'ACL' = ActiLume

Accessory Range

Suspension set for rectangular version



A

Suspension set for square version



B

Accessory Specification

Type[8]	Product Length (mm)	Suspension accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9104...)
SM461Z		SME-W17-5	A	UNP / 1	032**18903**
SM461Z		SME-W57-5	B	UNP / 1	032**18803**
SM461Z	169	CP		UNP / 1	032**19303**

[8] 'Type' value description(s): 'SM461Z' = PowerBalance Surface Mounted Acc.

[9] 'Suspension accessories' value description(s): 'CP' = Coupling piece, 'SME-W17-5' = Suspension set with electrical cable for luminaire width 170 mm 5-pole, 'SME-W57-5' = Suspension set with electrical cable for luminaire width 570 mm 5-pole

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM461V		51 to 54	+/-10%		1	48	23.5	1	70 000	50 000	25 000
SM461V		51 to 54	+/-10%		1	48	24.5	1	70 000	50 000	25 000
SM461V		51 to 54	+/-10%		1	48	25.5	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	20.5	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	21.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	21.5	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	22.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	24.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	25.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	26.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	27.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	28.5	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM461V	50-60	220-240	+/-10%	0.9	1	48	29.5	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	30.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	31.0	1	70 000	50 000	25 000
SM461V	50-60	220-240	+/-10%	0.9	1	48	32.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM461V	LED28S	830	3000	≥80	120	(0.43, 0.40) SDCM <3	130	2 800	+/-10%
SM461V	LED28S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	127	2 800	+/-10%
SM461V	LED28S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	130	2 800	+/-10%
SM461V	LED28S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	133	2 800	+/-10%
SM461V	LED28S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	137	2 800	+/-10%
SM461V	LED34S	830	3000	≥80	120	(0.43, 0.40) SDCM <3	131	3 400	+/-10%
SM461V	LED34S	830	3000	≥80	120	(0.43, 0.40) SDCM <3	136	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	126	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	131	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	133	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	136	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	139	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	142	3 400	+/-10%
SM461V	LED34S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	145	3 400	+/-10%
SM461V	LED40S	830	3000	≥80	120	(0.43, 0.40) SDCM <3	125	4 000	+/-10%
SM461V	LED40S	830	3000	≥80	120	(0.43, 0.40) SDCM <3	133	4 000	+/-10%
SM461V	LED40S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	129	4 000	+/-10%
SM461V	LED40S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	133	4 000	+/-10%
SM461V	LED40S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	136	4 000	+/-10%
SM461V	LED40S	840	4000	≥80	120	(0.38, 0.38) SDCM <3	140	4 000	+/-10%

[10] 'Lamp family code' value description(s): 'LED28S' = LED Module, system flux 2 800 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
SM461V	I	IP40	IK02	CE	ENEC+	F	850/5	ROHS
SM461V	III	IP40	IK02	CE	ENEC+	F	850/5	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[13] 'IP Classification' value description(s): 'IP40' = Wire-protected

[14] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[15] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[16] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



SmartBalance – combining performance with smart design

Although in many cases the functional lighting performance is key, customers are also keen to apply luminaires that are attractive and/or unobtrusive. Especially in applications where luminaires need to be surface-mounted or suspended, it can be difficult to satisfy both these requirements. SmartBalance is clearly the next step in surface-mounted and suspended luminaires for the specification market. It not only offers increased energy efficiency, but is also visually appealing without being intrusive. And its design helps to minimize clutter on the ceiling and meets all relevant office norms. SmartBalance is also available in recessed and free floor-standing versions.

Product Range



Detailed Photos


A


B


C


D


E


F

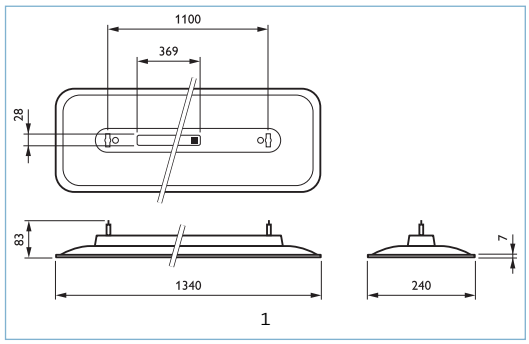

G


H

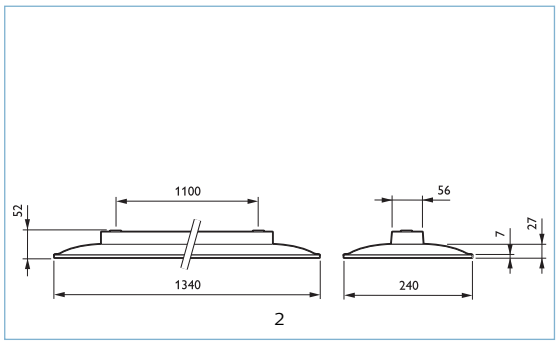

I


J

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geome-try[4]	Optical cover/lens type[5]	Con-nec-tion[6]	Accessory color[7]	Em-bedded con-trol[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	Com-pound Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
SM480C	1 LED30S/840	POE	W24L134	ACC-MLO	RJ45	WH	ACL	27	111			1	*041***08603**
SM480C	1 LED35S/830	PSD	W24L134	ACC-MLO	PI	WH		32	109	A-J	A	2	*040***84603**
SM480C	1 LED35S/840	POE	W24L134	ACC-MLO	RJ45	WH	ACL	33	106			1	*041***08803**
SM480C	1 LED35S/840	PSD	W24L134	ACC-MLO	PI	WH		30	117	A-J	A	2	*040***83603**

[1] 'Type' value description(s): 'SM480C' = SmartBalance Surface Mounted

[2] 'Lamp' value description(s): 'LED30S' = LED Module, system flux 3 000 lm, 'LED35S' = LED Module, system flux 3 500 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'POE' = Luminaire controller with power over Ethernet, 'PSD' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): 'W24L134' = Width 0.24 m, length 1.34 m

[5] 'Optical cover/lens type' value description(s): 'ACC-MLO' = Acrylate micro-lens optic clear

[6] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'RJ45' = RJ45 connector

[7] 'Accessory color' value description(s): 'WH' = White

[8] 'Embedded control' value description(s): 'ACL' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM480C		51 to 54	+/-10%		0.18	48	27	1	70 000	50 000	25 000
SM480C		51 to 54	+/-10%		0.18	48	33	1	70 000	50 000	25 000
SM480C	50-60	220 to 240	+/-10%	0.9	0.18	48	30	1	70 000	50 000	25 000
SM480C	50-60	220 to 240	+/-10%	0.9	0.18	48	32	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM480C	LED30S	840	4000	>80	100	(0.38, 0.38) SDCM <3	111	3 000	+/-10%
SM480C	LED35S	830	3000	>80	100	(0.43, 0.40) SDCM <3	109	3 500	+/-10%
SM480C	LED35S	840	4000	>80	100	(0.38, 0.38) SDCM <3	106	3 500	+/-10%
SM480C	LED35S	840	4000	>80	100	(0.38, 0.38) SDCM <3	117	3 500	+/-10%

[9] 'Lamp family code' value description(s): 'LED30S' = LED Module, system flux 3 000 lm, 'LED35S' = LED Module, system flux 3 500 lm

[10] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
SM480C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SM480C	III	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I, 'III' = Safety class III

[12] 'IP Classification' value description(s): 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



One solution fitting different interior spaces.

Upgrading to LED is a key trend in office applications. Recognizing the need for an easy to use luminaire that can work as the perfect 1:1 replacement of conventional office lighting, we developed FastSet. This luminaire is an ideal choice to quickly achieve the benefits of LED lighting since being the perfect 1:1 replacement, no additional lighting calculation is needed prior to the LED lighting installation. The luminaire simply fits into all different indoor applications. Moreover, it is available in both standalone and through-wiring versions, which makes the luminaires ready-to-connect at a later stage.

Product Range


A


B

Detailed Photos

FastSet-SM150C-2DPP.TIF


A

FastSet-SM150C-6DPP.TIF


B

FastSet-SM150C-1DPP.TIF


C

FastSet-SM150C-5DPP.TIF


D

FastSet-SM150C-8DPP.TIF

E

FastSet-SM150C-7DPP.TIF


F

FastSet-SM150C-4DPP.TIF

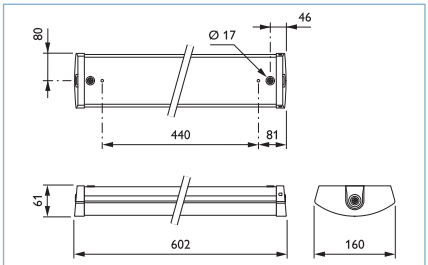

G

FastSet-SM150C-9DPP.TIF

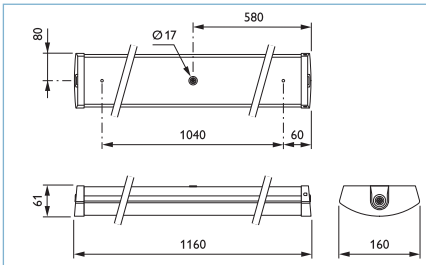
H



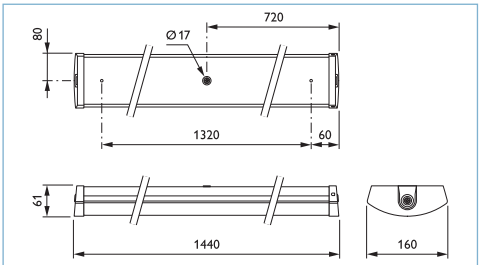
Dimension Drawing



1



2



3

Technical Specification

Type	Lamp[1]	Driver/ power unit/ transformer[2]	Optic type[3]	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9124...)
SM150C	830	PSU	WB	CU5	WH	20	120	A	A-H	1	014**83056**
SM150C	830	PSU	WB	CU5	WH	45	107	B	A-F, H, I	2	014**83058**
SM150C	830	PSU	WB	CU5	WH	55	109	B	A-F, H, I	3	014**83060**
SM150C	840	PSU	WB	CU5	WH	20	120	A	A-H	1	014**83055**
SM150C	840	PSU	WB	CU5	WH	35	106	B	A-F, H, I		014**83144**
SM150C	840	PSU	WB	CU5	WH	45	107	B	A-F, H, I	2	014**83057**
SM150C	840	PSU	WB	CU5	WH	55	109	B	A-F, H, I	3	014**83059**

[1] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[3] 'Optic type' value description(s): 'WB' = Wide beam

[4] 'Connection' value description(s): 'CU5' = Connection unit 5-pole

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM150C	50-60	220-240	+/-10%	0.9	0.06	8	20	1	50 000	30 000	15 000
SM150C	50-60	220-240	+/-10%	0.9	0.06	8	35	1	50 000	30 000	15 000
SM150C	50-60	220-240	+/-10%	0.9	0.06	8	45	1	50 000	30 000	15 000
SM150C	50-60	220-240	+/-10%	0.9	0.06	8	55	1	50 000	30 000	15 000

Light technical data

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM150C	830	3000	≥80	100	(0.4344, 0.4032) 5SDCM	107	4 800	+/-10%
SM150C	830	3000	≥80	100	(0.4344, 0.4032) 5SDCM	109	6 000	+/-10%
SM150C	830	3000	≥80	100	(0.4344, 0.4032) 5SDCM	120	2 400	+/-10%
SM150C	840	4000	≥80	100	(0.3828, 0.3803) 5SDCM	106	3 700	+/-10%
SM150C	840	4000	≥80	100	(0.3828, 0.3803) 5SDCM	107	4 800	+/-10%
SM150C	840	4000	≥80	100	(0.3828, 0.3803) 5SDCM	109	6 000	+/-10%
SM150C	840	4000	≥80	100	(0.3828, 0.3803) 5SDCM	120	2 400	+/-10%

[6] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
SM150C	I	IP44	IK02	CE	F	850/30	ROHS

[7] 'Protection class IEC' value description(s): 'I' = Safety class I

[8] 'IP Classification' value description(s): 'IP44' = Wire-protected, splash-proof

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s



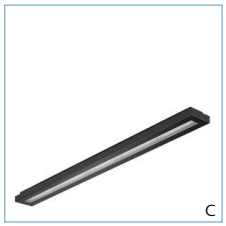
Stylish, office-compliant lighting offering new possibilities

Today's lighting fixtures need to deliver more than just light. In offices the ideal fixture needs to enable savings, and is expected to be ready for future advances. It must also be ready to be paired with lighting controls and systems. Moreover, the ideal office lighting fixture should also complement the interior design of the office space. Philips TrueLevel fulfills all these requirements and more! Building on the strengths of Philips TrueLine a superior light line technology for offices, TrueLevel's high efficiency, superior office-compliant lighting and readiness to be potentially paired with lighting systems makes it an excellent choice for offices. In addition, TrueLevel's stylish, minimalistic, clean design complements the interior architecture and can become a design element on its own.

Product Range


A


B


C


D

Detailed Photos

TrueLevel_Surface Mounted-SM540C-5DPP.TIF


A

TrueLevel_Surface Mounted-SM540C-3DPP.TIF


B

TrueLevel_Surface Mounted-SM540C-1DPP.TIF

C

TrueLevel_Surface Mounted-SM540C-6DPP.TIF


D

TrueLevel_Surface Mounted-SM540C-7DPP.TIF

E

TrueLevel_Surface Mounted-SM540C_ACL-1DPP.TIF


F

TrueLevel_Surface Mounted-SM540C_ACL-2DPP.TIF


G

TrueLevel_Surface Mounted-SM540C_ACL-5DPP.TIF


H

TrueLevel_Surface Mounted-SM540C_ACL-3DPP.TIF



I

TrueLevel_Surface Mounted-SM540C_ACL-6DPP.TIF



J

TrueLevel_Surface Mounted-SM540C_ACL-7DPP.TIF



K

TrueLevel_Surface Mounted-SM541C_BK-7DPP.TIF



L

TrueLevel_Surface Mounted-SM541C_BK-2DPP.TIF



M

TrueLevel_Surface Mounted-SM541C_BK-5DPP.TIF



N

TrueLevel_Surface Mounted-SM541C_BK-1DPP.TIF



O

TrueLevel_Surface Mounted-SM541C_BK-3DPP.TIF



P

TrueLevel_Surface Mounted-SM541C_BK-6DPP.TIF



Q

TrueLevel_Surface Mounted-SM541C_SI-2DPP.TIF



R

TrueLevel_Surface Mounted-SM541C_SI-7DPP.TIF



S

TrueLevel_Surface Mounted-SM541C_SI-5DPP.TIF



T

TrueLevel_Surface Mounted-SM541C_SI-1DPP.TIF



U

TrueLevel_Surface Mounted-SM541C_SI-3DPP.TIF



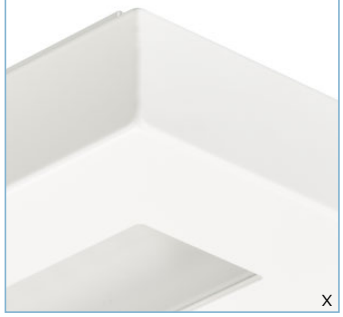
V

TrueLevel_Surface Mounted-SM541C_SI-6DPP.TIF



W

TrueLevel_Surface Mounted-SM540C-2DPP.TIF



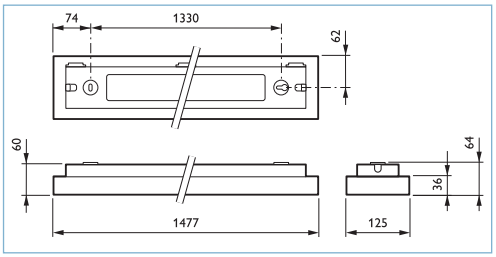
X

TrueLevel_Surface Mounted-SM544C_9003-7DPP.TIF



Y

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
SM540C	1 LED19S/840	PSD	PM	PIP	WH		12.4	153.0	A	A-E	04115703
SM540C	1 LED19S/840	PSD	PM	PIP	WH	ACL	13.4	153.0	B	F-K	04115803
SM540C	1 LED31S/840	PSD	PM	PIP	BK		21.5	144.0	C	L-Q	04116303
SM540C	1 LED31S/840	PSD	PM	PIP	SI		21.5	144.0	D	R-W	04116403
SM540C	1 LED31S/840	PSD	PM	PIP	WH		21.5	144.0	A	A-E, X	04114503
SM540C	1 LED31S/840	PSD	PM	PIP	WH	ACL	22.5	138.0	B	F-K	04114603
SM540C	1 LED43S/840	PSD	PM	PIP	WH		32.0	134.0	A	A, C-E, X	04114703
SM540C	1 LED43S/840	PSD	PM	PIP	WH	ACL	33.0	130.0	B	F-K	04114803
SM540C	1 LED50S/840	PSD	PM	PIP	WH		38.5	130.0	A	A, C-E, X	04114903
SM540C	1 LED50S/840	PSD	PM	PIP	WH	ACL	39.5	127.0	B	F-K	04115003
SM541C	1 LED31S/840	PSD	PM	PIP	WH		32.0	97.0	D	R-W	04116803
SM541C	1 LED31S/840	PSD	PM	PIP	WH		32.0	97.0	C	L-Q	04116703
SM541C	1 LED31S/840	PSD	PM	PIP	WH		32.0	97.0	A	A-E	04117203
SM544C	1 LED43S/840	PSD	PM	PIP	WH		35.5	121.0	A	E, Y	04117503
SM544C	1 LED50S/840	PSD	PM	PIP	WH		42.5	118.0	A	E, Y	04117603
SP543P	1 LED19S/840	PSD	PM	PIP	WH		17.8	107.0	A	A-E	04117103

[1] 'Type' value description(s): 'SM540C' = TrueLevel, 'SM541C' = TrueLevel, 'SM544C' = TrueLevel, 'SP543P' = TrueLevel

[2] 'Lamp' value description(s): 'LED19S' = LED Module, system flux 1 900 lm, 'LED31S' = LED Module, system flux 3 100 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED50S' = LED Module, system flux 5 000 lm, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Optical cover/lens type' value description(s): 'PM' = Polymethyl methacrylate bowl/cover

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

[7] 'Embedded control' value description(s): 'ACL' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	12.4	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	13.4	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	21.5	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	22.5	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	33.0	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
SM540C	50-60	220-240	+/-10%	0.9	0.28	19	39.5	1	70 000	50 000	25 000
SM541C	50-60	220-240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
SM544C	50-60	220-240	+/-10%	0.9	0.28	19	35.5	1	70 000	50 000	25 000
SM544C	50-60	220-240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000
SP543P	50-60	220-240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM540C	LED19S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	153.0	1 900	+/-10%
SM540C	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	3 100	+/-10%
SM540C	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144.0	3 100	+/-10%
SM540C	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	130.0	4 300	+/-10%
SM540C	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	4 300	+/-10%
SM540C	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	127.0	5 000	+/-10%
SM540C	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	130.0	5 000	+/-10%
SM541C	LED31S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	97.0	3 100	+/-10%
SM544C	LED43S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	121.0	4 300	+/-10%
SM544C	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118.0	5 000	+/-10%
SP543P	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	107.0	1 900	+/-10%

[8] 'Lamp family code' value description(s): 'LED19S' = LED Module, system flux 1 900 lm, 'LED31S' = LED Module, system flux 3 100 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED50S' = LED Module, system flux 5 000 lm

[9] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
SM540C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SM541C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SM544C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SP543P	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I

[11] 'IP Classification' value description(s): 'IP40' = Wire-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s

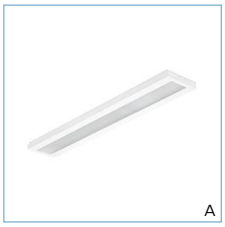


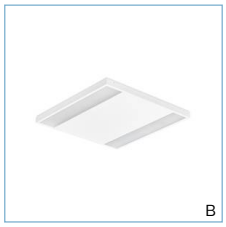
CoreLine Surface-mounted – the clear choice for LED

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product Range


A

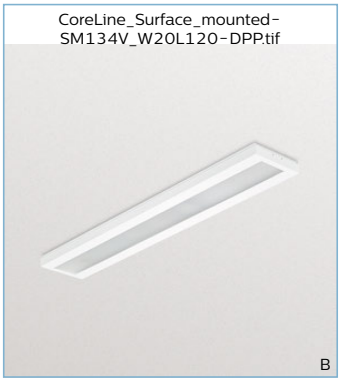

B

Detailed Photos

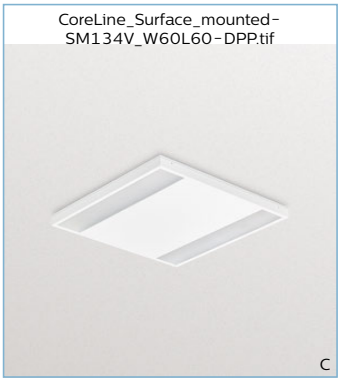
CoreLine_Surface_mounted-SM134V_suspended_W20L120-DPP.tif


A

CoreLine_Surface_mounted-SM134V_W20L120-DPP.tif


B

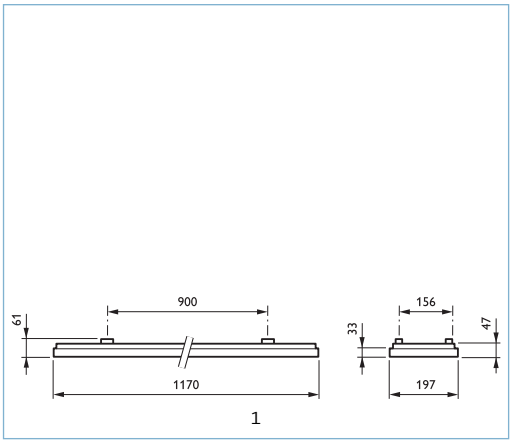
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C

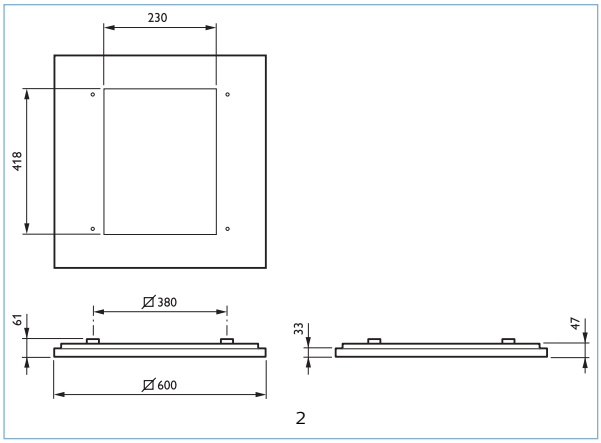
CoreLine_Surface_mounted-SM134V_suspended_W60L60-DPP.tif


D

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
SM134V	LED27S/830	PSD	W20L120	WB	PIP	WH	23.0	117.0	A	A, B	1	258**64827**
SM134V	LED27S/830	PSD	W20L120	WB	PIP	WH	30.5	89.0	A	A, B	1	258**64819**
SM134V	LED27S/830	PSD	W20L120	WB	PIP	WH	34.0	79.0	A	A, B	1	258**64852**
SM134V	LED27S/830	PSD	W60L60	WB	PIP	WH	23.0	117.0	B	C, D	2	258**64825**
SM134V	LED27S/830	PSD	W60L60	WB	PIP	WH	30.5	89.0	B	C, D	2	258**64817**
SM134V	LED27S/830	PSU	W20L120	WB	PIP	WH	28.5	95.0	A	A, B	1	258**64813**
SM134V	LED27S/830	PSU	W20L120	WB	PIP	WH	32.0	84.0	A	A, B	1	258**64850**
SM134V	LED27S/830	PSU	W60L60	WB	PIP	WH	28.5	95.0	B	C, D	2	258**64811**
SM134V	LED27S/840	PSD	W20L120	WB	PIP	WH	22.0	123.0	A	A, B	1	258**64823**
SM134V	LED27S/840	PSD	W20L120	WB	PIP	WH	25.5	106.0	A	A, B	1	258**64848**
SM134V	LED27S/840	PSD	W20L120	WB	PIP	WH	26.5	102.0	A	A, B	1	258**64837**
SM134V	LED27S/840	PSD	W20L120	WB	PIP	WH	30.5	89.0	A	A, B	1	258**64846**
SM134V	LED27S/840	PSD	W60L60	WB	PIP	WH	22.0	123.0	B	C, D	2	258**64821**
SM134V	LED27S/840	PSD	W60L60	WB	PIP	WH	25.5	106.0	B	C, D	2	258**64833**
SM134V	LED27S/840	PSD	W60L60	WB	PIP	WH	26.5	102.0	B	C, D	2	258**64836**
SM134V	LED27S/840	PSD	W60L60	WB	PIP	WH	30.5	89.0	B	C, D	2	258**64839**
SM134V	LED27S/840	PSU	W20L120	WB	PIP	WH	27.0	100.0	A	A, B	1	258**64835**
SM134V	LED27S/840	PSU	W20L120	WB	PIP	WH	30.5	89.0	A	A, B	1	258**64844**
SM134V	LED27S/840	PSU	W60L60	WB	PIP	WH	27.0	100.0	B	C, D	2	258**64834**
SM134V	LED27S/840	PSU	W60L60	WB	PIP	WH	30.5	89.0	B	C, D	2	258**64838**
SM134V	LED37S/830	PSD	W20L120	WB	PIP	WH	31.5	117.0	A	A, B	1	258**64826**
SM134V	LED37S/830	PSD	W20L120	WB	PIP	WH	35.5	104.0	A	A, B	1	258**64818**
SM134V	LED37S/830	PSD	W20L120	WB	PIP	WH	39.0	95.0	A	A, B	1	258**64853**
SM134V	LED37S/830	PSD	W60L60	WB	PIP	WH	31.5	117.0	B	C, D	2	258**64824**
SM134V	LED37S/830	PSD	W60L60	WB	PIP	WH	35.5	104.0	B	C, D	2	258**64816**
SM134V	LED37S/830	PSR-E	W20L120	WB	PIP	WH	35.4	105.0	A	A	1	258**65185**
SM134V	LED37S/830	PSR-E	W20L120	WB	PIP	WH	35.4	105.0	A	A	1	258**65187**
SM134V	LED37S/830	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D	2	258**65190**
SM134V	LED37S/830	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D	2	258**65189**
SM134V	LED37S/830	PSU	W20L120	WB	PIP	WH	34.0	109.0	A	A, B	1	258**64812**
SM134V	LED37S/830	PSU	W20L120	WB	PIP	WH	34.5	107.0	A	A, B	1	258**64843**
SM134V	LED37S/830	PSU	W20L120	WB	PIP	WH	38.0	97.0	A	A, B	1	258**64851**
SM134V	LED37S/830	PSU	W60L60	WB	PIP	WH	34.0	109.0	B	C, D	2	258**64810**
SM134V	LED37S/830	PSU	W60L60	WB	PIP	WH	34.5	107.0	B	C, D	2	258**64842**
SM134V	LED37S/840	PSD	W20L120	WB	PIP	WH	31.5	117.0	A	A, B	1	258**64822**
SM134V	LED37S/840	PSD	W20L120	WB	PIP	WH	35.0	106.0	A	A, B	1	258**64849**
SM134V	LED37S/840	PSD	W20L120	WB	PIP	WH	35.5	104.0	A	A, B	1	258**64847**
SM134V	LED37S/840	PSD	W20L120	WB	PIP	WH	35.5	104.0	A	A, B	1	258**64815**
SM134V	LED37S/840	PSD	W60L60	WB	PIP	WH	31.5	117.0	B	C, D	2	258**64820**
SM134V	LED37S/840	PSD	W60L60	WB	PIP	WH	35.0	106.0	B	C, D	2	258**64832**
SM134V	LED37S/840	PSD	W60L60	WB	PIP	WH	35.5	104.0	B	C, D	2	258**64814**
SM134V	LED37S/840	PSD	W60L60	WB	PIP	WH	39.0	95.0	B	C, D	2	258**64831**
SM134V	LED37S/840	PSR-E	W20L120	WB	PIP	WH	35.4	105.0	A	A	1	258**65183**
SM134V	LED37S/840	PSR-E	W20L120	WB	PIP	WH	35.4	105.0	A	A	1	258**65184**
SM134V	LED37S/840	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D	2	258**65186**
SM134V	LED37S/840	PSR-E	W60L60	WB	PIP	WH	35.4	105.0	B	D	2	258**65188**
SM134V	LED37S/840	PSU	W20L120	WB	PIP	WH	30.5	121.0	A	A, B	1	258**64841**
SM134V	LED37S/840	PSU	W20L120	WB	PIP	WH	34.0	109.0	A	A, B	1	258**64829**
SM134V	LED37S/840	PSU	W20L120	WB	PIP	WH	38.0	97.0	A	A, B	1	258**64845**
SM134V	LED37S/840	PSU	W60L60	WB	PIP	WH	30.5	121.0	B	C, D	2	258**64840**
SM134V	LED37S/840	PSU	W60L60	WB	PIP	WH	34.0	109.0	B	C, D	2	258**64828**
SM134V	LED37S/840	PSU	W60L60	WB	PIP	WH	38.0	97.0	B	C, D	2	258**64830**

[1] 'Type' value description(s): '**SM134V**' = Coreline Surface

[2] 'Lamp' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSR-E**' = Power supply unit regulating external, '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**WB**' = Wide beam

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Coreline Surface Acc.



A

Coreline Surface Acc.



B

Accessory Specification

Type[7]	Accessory color[8]	Material[9]	CE mark	Mech. impact protection code[10]	IP Classification[11]	Suspension accessories[12]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
SM134Z	SI	STL	CE	IK02	IP20	SMS	A	UNP / 1	258**64855**
SM134Z	WH	PC	CE	IK02	IP20	SME-3	B	UNP / 1	258**64856**
SM134Z	WH	PC	CE	IK02	IP20	SME-5	B	UNP / 1	258**64854**

[7] 'Type' value description(s): 'SM134Z' = Coreline Surface Acc.

[8] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[9] 'Material' value description(s): 'PC' = Polycarbonate, 'STL' = Steel

[10] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Suspension accessories' value description(s): 'SME-3' = Suspension set with electrical cable 3-pole, 'SME-5' = Suspension set with electrical cable 5-pole, 'SMS' = Suspension set simple

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM134V	50-60	220 to 240	+/-10%	0.9	0.060	8.0	34.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.060	8.0	38.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.070	5.3	27.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.070	5.3	30.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.0	28.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.0	32.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	22.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	23.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	25.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	26.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	30.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.250	14.7	34.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.280	19.0	30.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.280	19.0	34.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.275	22.0	31.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.275	22.0	35.0	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.275	22.0	35.5	1	50 000	30 000	15 000
SM134V	50-60	220 to 240	+/-10%	0.9	0.275	22.0	39.0	1	50 000	30 000	15 000
SM134V	50-60	220-240	+/-10%	0.9	0.275	22.0	35.4	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM134V	LED27S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	117.0	2 700	+/-8%
SM134V	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	79.0	2 700	+/-8%
SM134V	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	84.0	2 700	+/-8%
SM134V	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	89.0	2 700	+/-8%
SM134V	LED27S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	95.0	2 700	+/-8%
SM134V	LED27S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	106.0	2 700	+/-8%
SM134V	LED27S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	123.0	2 700	+/-8%
SM134V	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	89.0	2 700	+/-8%
SM134V	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	100.0	2 700	+/-8%
SM134V	LED27S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	102.0	2 700	+/-8%

More data see next page

Type	Lamp family code	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM134V	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	105.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	107.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	81	(0.43, 0.40) SDCM <3	117.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	95.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	97.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	104.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	105.0	3 700	+/-8%
SM134V	LED37S	830	3000	≥80	93	(0.43, 0.40) SDCM <3	109.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	106.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	117.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	81	(0.38, 0.38) SDCM <3	121.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	95.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	97.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	104.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	105.0	3 700	+/-8%
SM134V	LED37S	840	4000	≥80	93	(0.38, 0.38) SDCM <3	109.0	3 700	+/-8%

[13] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[14]	IP Classification[15]	Mech. impact protection code[16]	CE mark	ENEC mark	Flammability mark[17]	Glow-wire test[18] (°C/s)	RoHS mark
SM134V	I	IP20	IK02	CE	ENEC	F	850/30	ROHS

[14] 'Protection class IEC' value description(s): 'I' = Safety class I

[15] 'IP Classification' value description(s): 'IP20' = Finger-protected

[16] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[17] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

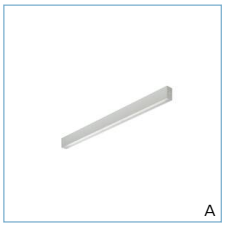
[18] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s

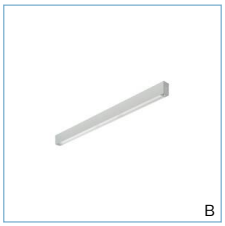


True line of light – elegant, energy-efficient and compliant with office lighting norms

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. And office workers want visually comfortable lighting conditions that help them perform better. TrueLine Recessed is able to meet all these different requirements. TrueLine is also available in recessed and suspended versions.

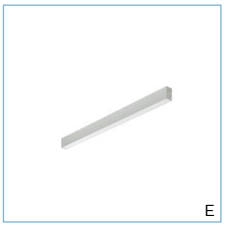
Product Range

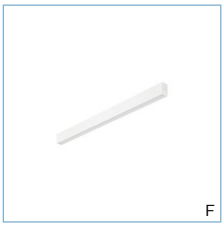

A


B


C


D

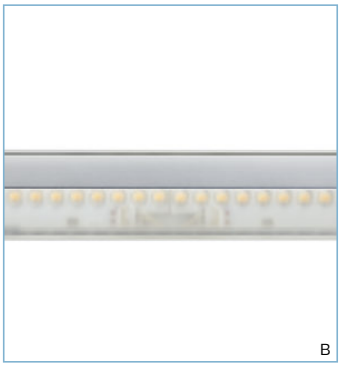

E


F

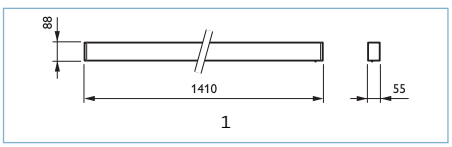

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Detailed Photos

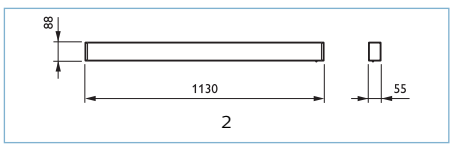

A


B

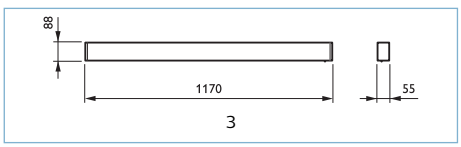
Dimension Drawing



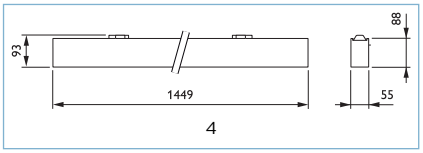
1



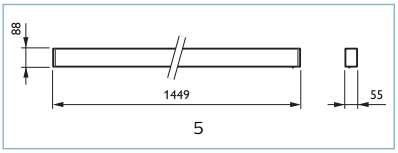
2



3



4



5

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SM530C	1 LED19S/840	PSD	PM	PI5	ALU		12.4	153.0	A		1	041**07503**
SM530C	1 LED19S/840	PSD	PM	PI5	WH		12.4	153.0	A		1	041**07703**
SM530C	1 LED31S/840	PSD	PM	PI5	ALU		21.5	144.0	A		1	041**07603**
SM530C	1 LED31S/840	PSD	PM	PI5	WH		21.5	144.0	A		1	041**07803**
SM530C	1 LED34S/830	PSD	PM	PI5	ALU		25.5	133.0	A		2	040**98703**
SM530C	1 LED34S/840	PSD	PM	PI5	ALU		24.0	142.0	A		2	040**98503**
SM530C	1 LED40S/840	PSD	PM	PI5	ALU		29.0	138.0	A		2	040**98603**
SM530C	1 LED40S/840	PSD	PM	PI5	ALU	ACL	30.0	133.0	B		3	040**98803**
SM530C	1 LED43S/830	PSD	PM	PI5	ALU		34.0	126.0	A		1	040**99403**
SM530C	1 LED43S/840	PSD	PM	PI5	ALU		32.0	134.0	A		1	040**99203**
SM530C	1 LED43S/840	PSD	PM	PI5	WH		32.0	134.0	C		1	041**07903**
SM530C	1 LED43S/840	PSD	PM	PI6	ALU		3.0	173.0	D		4	041**12203**
SM530C	1 LED50S/840	PSD	PM	PI5	ALU		38.5	130.0	A		1	040**99303**
SM530C	1 LED50S/840	PSD	PM	PI5	ALU	ACL	39.5	127.0	B		5	040**99503**
SM530C	1 LED50S/840	PSD	PM	PI5	WH		38.5	130.0	C		1	041**08003**
SM530C	1/840	PSD	PM	PI6	ALU		3.0	173.0	D		4	041**12303**
SM531C	1 LED15S/830	PSD	PM	PI5	ALU		15.6	96.0	E		2	040**99103**
SM531C	1 LED15S/840	PSD	PM	PI5	ALU		14.6	103.0	E		2	040**99003**
SM531C	1 LED19S/830	PSD	PM	PI5	ALU		18.8	101.0	E		1	040**99803**
SM531C	1 LED19S/830	PSD	PM	PI5	WH		18.8	101.0	F		1	041**08303**
SM531C	1 LED19S/840	PSD	PM	PI5	ALU		17.8	107.0	E		1	040**99703**
SM531C	1 LED19S/840	PSD	PM	PI5	WH		17.8	107.0	F		1	041**08203**
SM531C	1 LED19S/840	PSD	PM	PI6	ALU		3.0	127.0	D		4	041**12403**
SM531C	1 LED31S/840	PSD	PM	PI6	ALU		3.0	127.0	D		4	041**12503**
SM534C	1 LED40S/840	PSD	PM	PI5	ALU		34.5	116.0	G	A, B	2	041**12603**
SM534C	1 LED50S/840	PSD	PM	PI5	ALU		42.5	118.0	G	A, B	1	041**12703**

[1] 'Type' value description(s): '**SM530C**' = TrueLine OC, '**SM531C**' = TrueLine NOC, '**SM534C**' = TrueLine Surface Mounted Asym

[2] 'Lamp' value description(s): '**LED15S**' = LED Module, system flux 1 500 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED31S**' = LED Module, system flux 3 100 lm, '**LED34S**' = LED Module, system flux 3 400 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**LED43S**' = LED Module, system flux 4 300 lm, '**LED50S**' = LED Module, system flux 5 000 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface

[4] 'Optical cover/lens type' value description(s): '**PM**' = Polymethyl methacrylate bowl/cover

[5] 'Connection' value description(s): '**PI5**' = Push-in connector 5-pole, '**PI6**' = Push-in connector 6-pole

[6] 'Accessory color' value description(s): '**ALU**' = Aluminum, '**WH**' = White

[7] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	24.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	25.5	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	29.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	30.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	34.0	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
SM530C	50-60	220 to 240	+/-10%	0.9	0.28	19	39.5	1	70 000	50 000	25 000
SM530C	50-60	220-240	+/-10%	0.9	0.28	19	12.4	1	70 000	50 000	25 000
SM530C	50-60	220-240	+/-10%	0.9	0.28	19	21.5	1	70 000	50 000	25 000
SM530C	50-60	220-240	+/-10%	0.9	0.28	19	32.0	1	70 000	50 000	25 000
SM530C	50-60	220-240	+/-10%	0.9	0.28	19	38.5	1	70 000	50 000	25 000
SM531C	50-60	220 to 240	+/-10%	0.9	0.28	19	3.0	1	70 000	50 000	25 000
SM531C	50-60	220 to 240	+/-10%	0.9	0.28	19	14.6	1	70 000	50 000	25 000
SM531C	50-60	220 to 240	+/-10%	0.9	0.28	19	15.6	1	70 000	50 000	25 000
SM531C	50-60	220 to 240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
SM531C	50-60	220 to 240	+/-10%	0.9	0.28	19	18.8	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM531C	50-60	220-240	+/-10%	0.9	0.28	19	17.8	1	70 000	50 000	25 000
SM531C	50-60	220-240	+/-10%	0.9	0.28	19	18.8	1	70 000	50 000	25 000
SM534C	50-60	220 to 240	+/-10%	0.9	0.28	19	34.5	1	70 000	50 000	25 000
SM534C	50-60	220 to 240	+/-10%	0.9	0.28	19	42.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM530C		840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
SM530C	LED19S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	153.0	1 900	+/-10%
SM530C	LED31S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	144.0	3 100	+/-10%
SM530C	LED34S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	133.0	3 400	+/-10%
SM530C	LED34S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	142.0	3 400	+/-10%
SM530C	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	133.0	4 000	+/-10%
SM530C	LED40S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	138.0	4 000	+/-10%
SM530C	LED43S	830	3000	≥80	100	(0.43, 0.40) SDCM <3	126.0	4 300	+/-10%
SM530C	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	134.0	4 300	+/-10%
SM530C	LED43S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	173.0	780	+/-10%
SM530C	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	127.0	5 000	+/-10%
SM530C	LED50S	840	4000	≥80	100	(0.38, 0.38) SDCM <3	130.0	5 000	+/-10%
SM531C	LED15S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	96.0	1 500	+/-10%
SM531C	LED15S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	103.0	1 500	+/-10%
SM531C	LED19S	830	3000	≥80	160	(0.43, 0.40) SDCM <3	101.0	1 900	+/-10%
SM531C	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	107.0	1 900	+/-10%
SM531C	LED19S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
SM531C	LED31S	840	4000	≥80	160	(0.38, 0.38) SDCM <3	127.0	560	+/-10%
SM534C	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	116.0	4 000	+/-10%
SM534C	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3	118.0	4 300	+/-10%

[8] 'Lamp family code' value description(s): 'LED15S' = LED Module, system flux 1 500 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED31S' = LED Module, system flux 3 100 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED43S' = LED Module, system flux 4 300 lm, 'LED50S' = LED Module, system flux 5 000 lm

[9] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
SM530C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SM531C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS
SM534C	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I

[11] 'IP Classification' value description(s): 'IP40' = Wire-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



StoreSet - Flexible ambience creation

Today's retail stores are all about creating experiences in order to attract and retain visitors. StoreSet adds atmosphere to your store by introducing contrast and breaking up the traditional continuous light-lines. A variety of beam shapes, combined with excellent light quality, ensures the merchandise stands out, whilst at the same time enabling you to create your chosen ambience. StoreSet is lightweight and can be easily connected to power tracks. Installation is straightforward, and if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes StoreSet a truly flexible tool for setting store ambiance.

Product Range


A


B


C


D

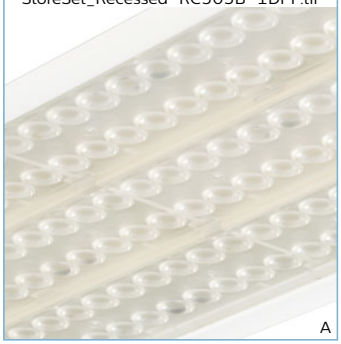

E


F


G

Detailed Photos

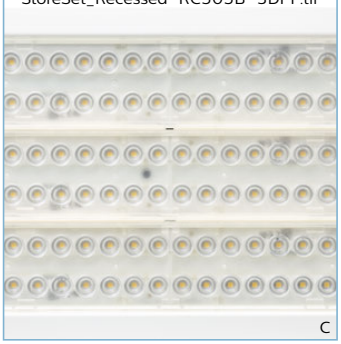
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A

StoreSet_Recessed-RC505B-2DPP.tif


B

StoreSet_Recessed-RC505B-3DPP.tif


C

StoreSet_Maxos-SM505S-DP.tif


D

StoreSet_Trak_SM505T-DP02.tif



E

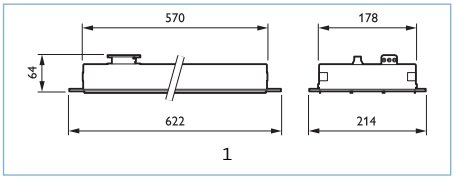
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F

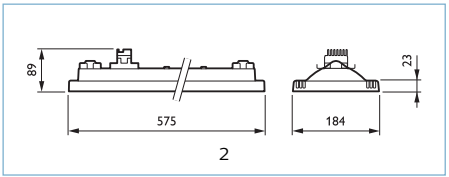
StoreSet_Trak_SM505T-DP03.tif


G

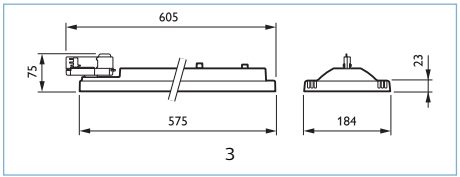
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RC505B	830	PSU	WB	W	WH	50	132	A	A-C	1	00459746
RC505B	830	PSU	WB	W	WH	63	127	A	A-C	1	00459747
RC505B	840	PSU	DA-NB	W	WH	58	138	A	A-C	1	00459749
RC505B	840	PSU	WB	W	WH	46	143	A	A-C	1	00459684
SM505S	830	PSD-CLO	DA-NB	PIP	BK	74	122	B	D	2	00459771
SM505S	830	PSD-CLO	DA-WB	PIP	BK	74	122	B	D	2	00459772
SM505S	830	PSD-CLO	DA-WB	PIP	SI	50	132	C	D	2	00459768
SM505S	830	PSD-CLO	DA35-WB	PIP	BK	74	122	B	D	2	00459773
SM505S	830	PSD-CLO	DA35-WB	PIP	SI	50	132	C	D	2	00459769
SM505S	840	PSD	WB	PIP	WH	67	134	D	D	2	00459776
SM505T	830	PSD	DA-NB	PIP	BK	63	127	E	E-G	3	00459751
SM505T	830	PSD	DA-NB	PIP	SI	63	127	F	E-G	3	00459750
SM505T	830	PSD-CLO	DA-NB	PIP	BK	74	122	E	E-G	3	00459764
SM505T	830	PSD-CLO	DA35-WB	PIP	SI	50	132	F	E-G	3	00459762
SM505T	830	PSU	DA-NB	PIP	BK	74	122	E	E-G	3	00459756
SM505T	830	PSU	DA-NB	PIP	SI	63	127	F	E-G	3	00459748
SM505T	830	PSU	DA-WB	PIP	BK	74	122	E	E-G	3	00459757
SM505T	830	PSU	DA-WB	PIP	SI	50	132	F	E-G	3	00459753
SM505T	830	PSU	DA35-WB	PIP	BK	74	122	E	E-G	3	00459758
SM505T	830	PSU	DA35-WB	PIP	SI	50	132	F	E-G	3	00459754
SM505T	830	PSU	MB	PIP	BK	74	122	E	E-G	3	00459759
SM505T	840	PSD	WB	PIP	BK	58	138	E	E-G	3	00459752
SM505T	840	PSD	WB	PIP	WH	67	134	G	E-G	3	00459767
SM505T	840	PSU	WB	PIP	WH	67	134	G	E-G	3	00459761

[1] 'Type' value description(s): 'RC505B' = StoreSet Recessed, 'SM505S' = StoreSet trunking, 'SM505T' = StoreSet track

[2] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'DA-NB' = Double asymmetric optic narrow beam, 'DA-WB' = Double asymmetric optic wide beam, 'DA35-WB' = Double asymmetric optic 35° wide beam, 'MB' = Medium beam, 'WB' = Wide beam

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief, 'W' = Plug-in connector 3-pole Wieland/Adels compatible

[6] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RC505B	50-60	220 to 240	+/-10%	0.9	0.275	19.0	46	1	70 000	50 000	25 000
RC505B	50-60	220 to 240	+/-10%	0.9	0.275	19.0	50	1	70 000	50 000	25 000
RC505B	50-60	220 to 240	+/-10%	0.9	0.275	19.0	58	1	70 000	50 000	25 000
RC505B	50-60	220 to 240	+/-10%	0.9	0.275	19.0	63	1	70 000	50 000	25 000
SM505S	50-60	220 to 240	+/-10%	0.9	0.100	4.5	67	1	70 000	50 000	25 000
SM505S	50-60	220 to 240	+/-10%	0.9	0.100	4.5	74	1	70 000	50 000	25 000
SM505S	50-60	220 to 240	+/-10%	0.9	0.280	22.0	50	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.100	4.5	67	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.100	4.5	74	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.280	22.0	50	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.280	22.0	58	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.280	22.0	63	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.275	19.0	50	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.275	19.0	63	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.275	19.0	67	1	70 000	50 000	25 000
SM505T	50-60	220 to 240	+/-10%	0.9	0.275	19.0	74	1	70 000	50 000	25 000

Light technical data

Type	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RC505B	830	3000	80	40	(0.43, 0.40) SDCM<3	127	8 000	+/-10%
RC505B	830	3000	80	40	(0.43, 0.40) SDCM<3	132	6 600	+/-10%
RC505B	840	4000	80	25	(0.38, 0.38) SDCM<3	138	8 000	+/-10%
RC505B	840	4000	80	40	(0.38, 0.38) SDCM<3	143	6 600	+/-10%
SM505S	830	3000	80	25	(0.43, 0.40) SDCM<3	122	9 000	+/-10%
SM505S	830	3000	80	25	(0.43, 0.40) SDCM<3	132	6 600	+/-10%
SM505S	830	3000	80	35x55	(0.43, 0.40) SDCM<3	122	9 000	+/-10%
SM505S	830	3000	80	35x55	(0.43, 0.40) SDCM<3	132	6 600	+/-10%
SM505S	840	4000	80	40	(0.38, 0.38) SDCM<3	134	9 000	+/-10%
SM505T	830	3000	80	25	(0.43, 0.40) SDCM<3	122	9 000	+/-10%
SM505T	830	3000	80	25	(0.43, 0.40) SDCM<3	127	8 000	+/-10%
SM505T	830	3000	80	25	(0.43, 0.40) SDCM<3	132	6 600	+/-10%
SM505T	830	3000	80	35x55	(0.43, 0.40) SDCM<3	132	6 600	+/-10%
SM505T	830	3000	80	38	(0.43, 0.40) SDCM<3	122	9 000	+/-10%
SM505T	830	3000	80	40	(0.43, 0.40) SDCM<3	122	9 000	+/-10%
SM505T	840	4000	80	40	(0.38, 0.38) SDCM<3	134	9 000	+/-10%
SM505T	840	4000	80	40	(0.38, 0.38) SDCM<3	138	8 000	+/-10%

[7] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	ENEC mark	Flammability mark[11]	Glow-wire test[12] (°C/s)	RoHS mark
RC505B	I	IP20	IK02	CE	ENEC	F	650/5	ROHS
SM505S	I	IP20	IK02	CE	ENEC	F	650/5	ROHS
SM505T	I	IP20	IK02	CE	ENEC	F	650/5	ROHS

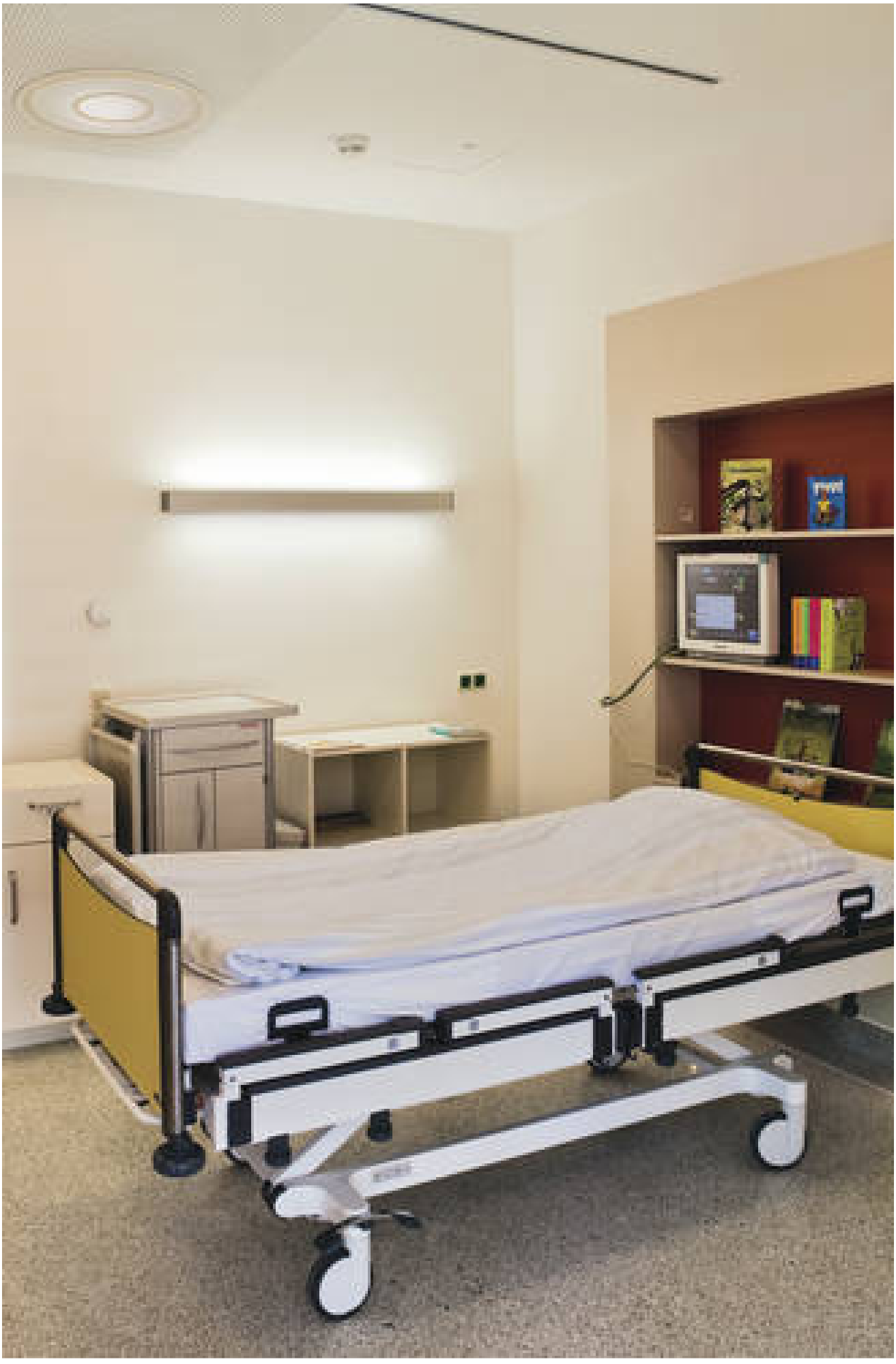
[8] 'Protection class IEC' value description(s): 'I' = Safety class I

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected

[10] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[11] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[12] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s





SmartBalance Wall-mounted 118



CoreLine Wall-mounted 120



SmartBalance, wall-mounted – Stylish and comfortable

Striking the right balance between the different lighting needs in a patient room is a challenge for many hospitals. That's why our bed-head luminaires offer some of the key functionalities required by both patients and staff. The SmartBalance, wall-mounted luminaire combines high-quality lighting performance with a stylish, timeless design. General ambience light is provided indirectly via the upper part of the luminaire. The lower part delivers direct, diffuse light, allowing patients to read and clinical staff to carry out examinations at the bed.

Product Range


A


B


C

Detailed Photos

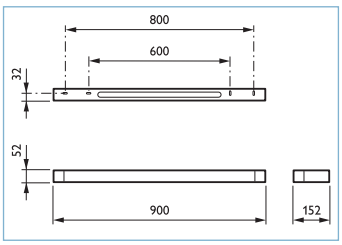
Indirect or direct/indirect light distribution


A

Direct and indirect light distribution


B

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
WL484W	1 LED40S/830	PSD	PC	PI5	WH		34.5	116	A	A	040**96203**
WL484W	1 LED40S/840	PSD	PC	PI5	WH		32.7	122	A	A	040**96303**
WL484W	1 LED44S/830	PSD	PC	PI5	WH		37.0	119	B	A	040**96403**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
WL484W	1 LED46S/840	PSD	PC	PI5	WH		37.0	124	B	A	040**94203**
WL484W	1 LED52S/830	PSD	PC	PI5	SI		45.0	116	C	B	040**94303**
WL484W	1 LED52S/830	PSD	PC	PI5	SI	RLY	46.0	113	C	B	040**94003**
WL484W	1 LED52S/830	PSD	PC	PI5	WH		45.0	116	A	A	040**94103**

[1] 'Type' value description(s): 'WL484W' = SmartBalance wall-mounted

[2] 'Lamp' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED44S' = LED Module, system flux 4 400 lm, 'LED46S' = LED Module, system flux 4 600 lm, 'LED52S' = LED Module, system flux 5 200 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[5] 'Connection' value description(s): 'PI5' = Push-in connector 5-pole

[6] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[7] 'Embedded control' value description(s): 'RLY' = Relay

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WL484W	50-60	220-240	+/-10%	0.9	0.18	48	32.7	1	70 000	50 000	25 000
WL484W	50-60	220-240	+/-10%	0.9	0.18	48	34.5	1	70 000	50 000	25 000
WL484W	50-60	220-240	+/-10%	0.9	0.18	48	37.0	1	70 000	50 000	25 000
WL484W	50-60	220-240	+/-10%	0.9	0.18	48	45.0	1	70 000	50 000	25 000
WL484W	50-60	220-240	+/-10%	0.9	0.18	48	46.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
WL484W	LED40S	830	3000	≥80	156	(0.43, 0.40) SDCM <3	116	4 000	+/-10%
WL484W	LED40S	840	4000	≥80	156	(0.38, 0.38) SDCM <3	122	4 000	+/-10%
WL484W	LED44S	830	3000	≥80	156	(0.43, 0.40) SDCM <3	119	4 400	+/-10%
WL484W	LED46S	840	4000	≥80	156	(0.38, 0.38) SDCM <3	124	4 600	+/-10%
WL484W	LED52S	830	3000	≥80	156	(0.43, 0.40) SDCM <3	113	5 200	+/-10%
WL484W	LED52S	830	3000	≥80	156	(0.43, 0.40) SDCM <3	116	5 200	+/-10%

[8] 'Lamp family code' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED44S' = LED Module, system flux 4 400 lm, 'LED46S' = LED Module, system flux 4 600 lm, 'LED52S' = LED Module, system flux 5 200 lm

[9] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classifica-tion[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
WL484W	I	IP40	IK02	CE	ENEC+	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I

[11] 'IP Classification' value description(s): 'IP40' = Wire-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



CoreLine Wall-mounted – the clear choice for LED

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward.

Product Range


A


B

Detailed Photos

CoreLine_Wall-mounted-WL130V-1DPP.TIF


A

CoreLine_Wall-mounted-WL130V_CTO-DPP.TIF


B

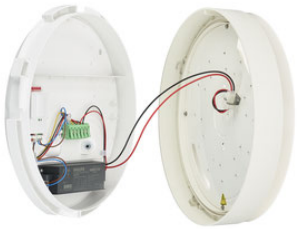
CoreLine_Wall-mounted-WL130V_D35_CTO_MDU-DPP.TIF


C

CoreLine_Wall-mounted-WL131V_D35_CTO_PSD-DPP.TIF


D

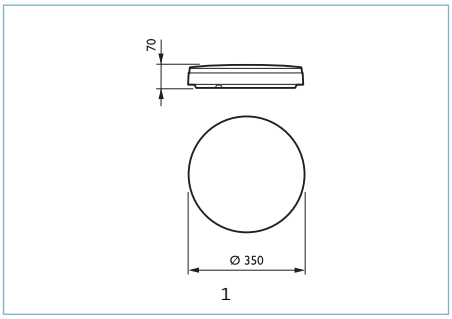
CoreLine_Wall-mounted-WL130V-2DPP.TIF


E

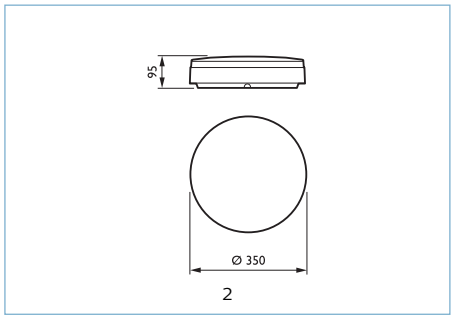
CoreLine_Wall-mounted-WL131V_D35_CTO_PSR_MDU-DPP.TIF


F

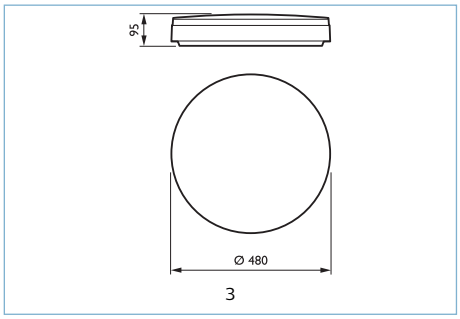
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
WL130V	830	PSU	OPR	OP	PI	WH	22	90.0	A	A, B	1	912401483184
WL130V	830	PSU	OPR	OP	PI	WH	23	80.0	A	A, C	1	912401483186
WL130V	830	PSU	OPR	OP	PI3	WH	12	100.0	A	A, B	1	912401483182
WL130V	840	PSU	OPR	OP	PI	WH	12	100.0	A	A, B	1	912401483183
WL130V	840	PSU	OPR	OP	PI	WH	22	90.0	A	A, B	1	912401483185
WL130V	840	PSU	OPR	OP	PI	WH	23	80.0	A	A, C	1	912401483187
WL131V						WH			B	D, E	2	910500465398
WL131V						WH			B	D, E	2	910500465399
WL131V						WH			B		3	910500465404
WL131V						WH			B		3	910500465403
WL131V						WH			B	D, E	2	910500465402
WL131V						WH			B	D, E	2	910500465401
WL131V	830	PSD	OPR	OP	PI6	WH	13	90.0	B	D, E	2	912401483196
WL131V	830	PSD	OPR	OP	PI6	WH	23	90.0	B	D, E	2	912401483198
WL131V	830	PSR	OPR	OP	PI6	WH	15	80.0	B	E, F	2	912401483190
WL131V	830	PSR	OPR	OP	PI6	WH	25	80.0	B	E, F	2	912401483192
WL131V	830	PSR	OPR	OP	PI6	WH	38	90.0	B		3	912401483194
WL131V	830	PSU	OPR	OP	PI	WH	36	95.0	B		3	912401483188
WL131V	840											822279260020
WL131V	840	PSD	OPR	OP	PI6	WH	13	90.0	B	D, E	2	912401483197
WL131V	840	PSD	OPR	OP	PI6	WH	23	90.0	B	D, E	2	912401483199
WL131V	840	PSR	OPR	OP	PI6	WH	15	80.0	B	E, F	2	912401483191
WL131V	840	PSR	OPR	OP	PI6	WH	25	80.0	B	E, F	2	912401483193
WL131V	840	PSR	OPR	OP	PI6	WH	38	90.0	B		3	912401483195
WL131V	840	PSU	OPR	OP	PI	WH	36	95.0	B		3	912401483189

[1] 'Type' value description(s): 'WL131V' = CoreLine Wall-Mounted Gen2

[2] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSR' = Power supply unit regulating, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'OPR' = Opal prismatic reflector

[5] 'Optical cover/lens type' value description(s): 'OP' = Opal bowl with painted cover

[6] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'PI3' = Push-in connector 3-pole, 'PI6' = Push-in connector 6-pole

[7] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WL130V	50-60	220-240	+/-10%	0.9	1.44	12.3	12	0.7	50 000	38 000	18 000
WL130V	50-60	220-240	+/-10%	0.9	1.84	21.3	22	0.7	50 000	38 000	18 000
WL130V	50-60	220-240	+/-10%	0.9	1.84	21.3	23	0.7	50 000	38 000	18 000
WL131V											
WL131V					290.00	22.0					
WL131V	50-60	220-240	+/-10%	0.8	265.00	27.0	15	0.7	50 000	38 000	18 000
WL131V	50-60	220-240	+/-10%	0.8	290.00	22.0	13	0.7	50 000	38 000	18 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WL131V	50-60	220-240	+/-10%	0.9	1.75	13.5	36	0.7	50 000	38 000	18 000
WL131V	50-60	220-240	+/-10%	0.9	265.00	27.0	25	0.7	50 000	38 000	18 000
WL131V	50-60	220-240	+/-10%	0.9	265.00	27.0	38	0.7	50 000	38 000	18 000
WL131V	50-60	220-240	+/-10%	0.9	290.00	22.0	23	0.7	50 000	38 000	18 000

Light technical data

Type	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
WL130V	830	3000	80	120	(0.4440, 0.4111)	80.0	2 000	+/-10%
WL130V	830	3000	80	120	(0.4440, 0.4111)	90.0	2 000	+/-10%
WL130V	830	3000	80	120	(0.4440, 0.4111)	100.0	1 200	+/-10%
WL130V	840	4000	80	120	(0.3883, 0.3876)	80.0	2 000	+/-10%
WL130V	840	4000	80	120	(0.3883, 0.3876)	90.0	2 000	+/-10%
WL130V	840	4000	80	120	(0.3883, 0.3876)	100.0	1 200	+/-10%
WL131V				120				
WL131V	830	3000	80	120	(0.4440, 0.4111)	80.0	1 200	+/-10%
WL131V	830	3000	80	120	(0.4440, 0.4111)	80.0	2 000	+/-10%
WL131V	830	3000	80	120	(0.4440, 0.4111)	90.0	1 200	+/-10%
WL131V	830	3000	80	120	(0.4440, 0.4111)	90.0	2 000	+/-10%
WL131V	830	3000	80	120	(0.4440, 0.4111)	95.0	3 400	+/-10%
WL131V	840							
WL131V	840	4000	80	120	(0.3883, 0.3876)	80.0	1 200	+/-10%
WL131V	840	4000	80	120	(0.3883, 0.3876)	80.0	2 000	+/-10%
WL131V	840	4000	80	120	(0.3883, 0.3876)	90.0	1 200	+/-10%
WL131V	840	4000	80	120	(0.3883, 0.3876)	90.0	2 000	+/-10%
WL131V	840	4000	80	120	(0.3883, 0.3876)	95.0	3 400	+/-10%

[8] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

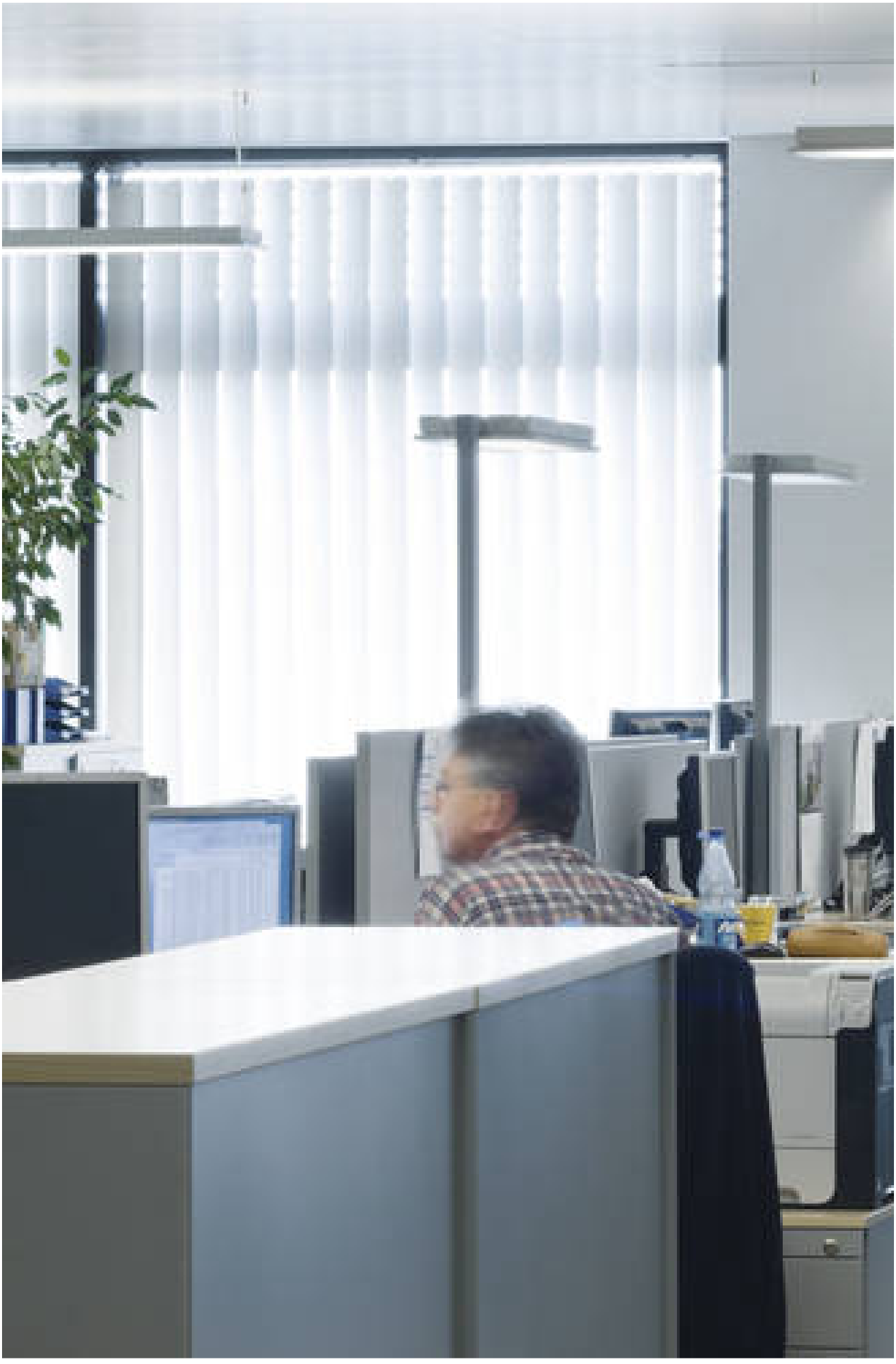
Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Glow-wire test[12] (°C/s)	RoHS mark
WL130V	II	IP65	IK08	CE	ENEC	650/5	ROHS
WL131V							
WL131V	I	IP65	IK08	CE	ENEC	650/5	ROHS
WL131V	II	IP65	IK08	CE	ENEC	650/5	ROHS
WL131V	III		IK02	CE	ENEC		ROHS

[9] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II, 'III' = Safety class III

[10] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard, 'IK08' = 5 J vandal-protected

[12] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s





SmartBalance Free Floor Standing 125

Smart Balance FFS, SpaceWise 128



SmartBalance Free Floor Standing – combining performance with smart design

Free floor-standing luminaires are loved by customers as the ideal solution for personally controlled, flexible and comfortable lighting. SmartBalance is the next step in free floor-standing luminaires. Thanks to the application of state-of-the-art LED technology, it offers not only increased energy efficiency, but also a compact and clean design that blends into any environment. SmartBalance is also available in recessed, surface-mounted and suspended versions.

Product Range


A


B


C

Detailed Photos

All versions are equipped with an acrylate micro-lens optic


A

Luminaire base

B

Connection between luminaire head and pole


C

SmartBalance FS484F free floor-standing luminaire

D

Touch button for switching and dimming

E

LED modules for indirect light


F

SmartBalance-FS484F_GR-DP03.tif


G

SmartBalance-FS484F_WH-DP06.tif

H

SmartBalance-FS484F_GR-DP04.tif



I

SmartBalance-FS484F_WH-DP07.tif



J

SmartBalance-FS484F_GR-DP05.tif



K

SmartBalance-FS484F_WH-DP08.tif

L

The ActiLume luminaire-based sensor enables daylight regulation and dimming when no presence is detected



M

SmartBalance FS484F free floor-standing luminaire with ActiLume

N

SmartBalance FS484F free floor-standing luminaire with ActiLume

O

All versions are equipped with an acrylate micro-lens optic



P

The ActiLume luminaire-based sensor enables daylight regulation and dimming when no presence is detected



Q

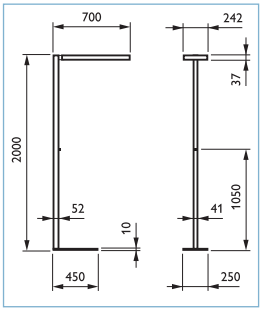
SmartBalance FS484F free floor-standing luminaire with separate switching

R

Touch buttons for separate switching and dimming

S

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
FS484F	1 LED45S/830	PSD-T	MLO	CU3	WH		35.4	127	A	A-L	040**90203**
FS484F	1 LED45S/830	PSD-T	MLO	CU3	WH	ACL	36.4	124	B	A-C, G-N	040**90303**
FS484F	1 LED45S/840	PSD-T	MLO	CU3	WH		33.5	134	A	A-L	040**89803**
FS484F	1 LED45S/840	PSD-T	MLO	CU3	WH	ACL	34.5	130	B	A-C, G-N	040**89903**
FS484F	1 LED86S/840	PSD-T	MLO	CU3	WH	ACL	64.0	134	B	A-C, G-N	040**95703**
FS484F	1 LED86S/840	PSR-T	MLO	CU3	WH	ACL	64.0	134	C	B, C, G-L, O-Q	040**95403**
FS484F	1 LED120S/830	PSD-T	MLO	CU3	WH		90.0	133	A	A-C, G-L, R, S	040**94603**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embed-ded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
FS484F	1 LED120S/830	PSD-T	MLO	CU3	WH		90.0	133	A	A-C, G-L, R, S	040**94903**
FS484F	1 LED120S/830	PSD-T	MLO	CU3	WH	ACL	91.0	132	B	A-C, G-N	040**94703**
FS484F	1 LED120S/830	PSD-T	MLO	CU3	WH	ACL	91.0	132	B	A-C, G-N	040**95603**
FS484F	1 LED120S/830	PSR-T	MLO	CU3	WH	ACL	91.0	132	C	B, C, G-L, O-Q	040**95303**
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH		90.0	139	A	A-C, G-L, R, S	040**94403**
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH		90.0	139	A	A-C, G-L, R, S	040**94803**
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH	ACL	91.0	137	B	A-C, G-N	040**94503**
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH	ACL	91.0	137	B	A-C, G-N	040**95503**
FS484F	1 LED125S/840	PSR-T	MLO	CU3	WH	ACL	91.0	137	C	B, C, G-L, O-Q	040**95203**

[1] 'Type' value description(s): '**FS484F**' = SmartBalance FFS

[2] 'Lamp' value description(s): '**LED120S**' = LED module, system flux 12 000 lm, '**LED125S**' = LED module, system flux 12 500 lm, '**LED45S**' = LED Module, system flux 4 500 lm, '**LED86S**' = LED Module, system flux 8 600 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD-T**' = Power supply unit with DALI touch-switch & dimming interface, '**PSR-T**' = Power supply unit regulating version with touch-switch & dimming interface (integrated)

[4] 'Optical cover/lens type' value description(s): '**MLO**' = Micro-lens optic

[5] 'Connection' value description(s): '**CU3**' = Connection unit 3-pole

[6] 'Accessory color' value description(s): '**WH**' = White

[7] 'Embedded control' value description(s): '**ACL**' = ActiLume

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
FS484F	50-60	220-240	+/-10%	0.9	2	50	33.5	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	34.5	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	35.4	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	36.4	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	64.0	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	90.0	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	91.0	1	80 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
FS484F	LED45S	830	3000	≥80	114	(0.43, 0.40) SDCM <3	124	4 500	+/-10%
FS484F	LED45S	830	3000	≥80	114	(0.43, 0.40) SDCM <3	127	4 500	+/-10%
FS484F	LED45S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	130	4 500	+/-10%
FS484F	LED45S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	134	4 500	+/-10%
FS484F	LED86S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	134	8 600	+/-10%
FS484F	LED120S	830	3000	≥80	114	(0.43, 0.40) SDCM <3	132	12 000	+/-10%
FS484F	LED120S	830	3000	≥80	114	(0.43, 0.40) SDCM <3	133	12 000	+/-10%
FS484F	LED125S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	137	12 500	+/-10%
FS484F	LED125S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	139	12 500	+/-10%

[8] 'Lamp family code' value description(s): '**LED120S**' = LED module, system flux 12 000 lm, '**LED125S**' = LED module, system flux 12 500 lm, '**LED45S**' = LED Module, system flux 4 500 lm, '**LED86S**' = LED Module, system flux 8 600 lm

[9] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
FS484F	I	IP40	IK02	CE	ENEC+	F	650/30	ROHS

[10] 'Protection class IEC' value description(s): '**I**' = Safety class I

[11] 'IP Classification' value description(s): '**IP40**' = Wire-protected

[12] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[13] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



Smart Balance FFS, SpaceWise – multiple benefits, no exposed data cables

With Philips SpaceWise, customers can enjoy the very real benefits of controls – e. g. energy savings, visual comfort and personal control – without having to create a wired infrastructure.

Product Range



Detailed Photos


A


B


C

SmartBalance SpaceWise FS484F free floor-standing luminaire


D

SmartBalance SpaceWise FS484F free floor-standing luminaire with ActiLume


E

Touch buttons for separate switching and dimming


F

The ActiLume luminaire-based sensor enables daylight regulation and dimming when no presence is detected


G

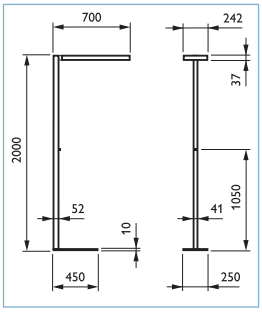
SmartBalance-FS484F_ACL_SWZ_GR-DP01.tif


H

SmartBalance-FS484F_ACL_SWZ_WH-DP02.tif

I

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Embedded control[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	Material Nr. (12NC) (9105...)
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH	SWZ	90	139	A-I	*040***95103**
FS484F	1 LED125S/840	PSD-T	MLO	CU3	WH	SWZ	91	137	A-I	*040***95003**

[1] 'Type' value description(s): '**FS484F**' = SmartBalance FFS

[2] 'Lamp' value description(s): '**LED125S**' = LED module, system flux 12 500 lm, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD-T**' = Power supply unit with DALI touch-switch & dimming interface

[4] 'Optical cover/lens type' value description(s): '**MLO**' = Micro-lens optic

[5] 'Connection' value description(s): '**CU3**' = Connection unit 3-pole

[6] 'Accessory color' value description(s): '**WH**' = White

[7] 'Embedded control' value description(s): '**SWZ**' = SpaceWise enabled

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
FS484F	50-60	220-240	+/-10%	0.9	2	50	90	1	80 000	50 000	25 000
FS484F	50-60	220-240	+/-10%	0.9	2	50	91	1	80 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
FS484F	LED125S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	137	12 500	+/-10%
FS484F	LED125S	840	4000	≥80	114	(0.43, 0.40) SDCM <3	139	12 500	+/-10%

[8] 'Lamp family code' value description(s): '**LED125S**' = LED module, system flux 12 500 lm

[9] 'Light source color' value description(s): '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
FS484F	I	IP40	IK02	CE	ENEC+	F	650/30	ROHS



LED luminaires


LuxSpace, recessed 133


LuxSpace Mini, recessed 138


LuxSpace PoE 141


LuxSpace square, recessed 143


GreenSpace 145


CoreLine Downlight 150


CoreLine SlimDownlight 153


LuxSpace Accent 155


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LuxSpace, surface mounted 183


LuxSpace Mini, surface mounted 185


Emergency downlight EM120B 187


GreenSpace G5 189


LuxSpace G4 194



Greenspace Flex 201

Recessed



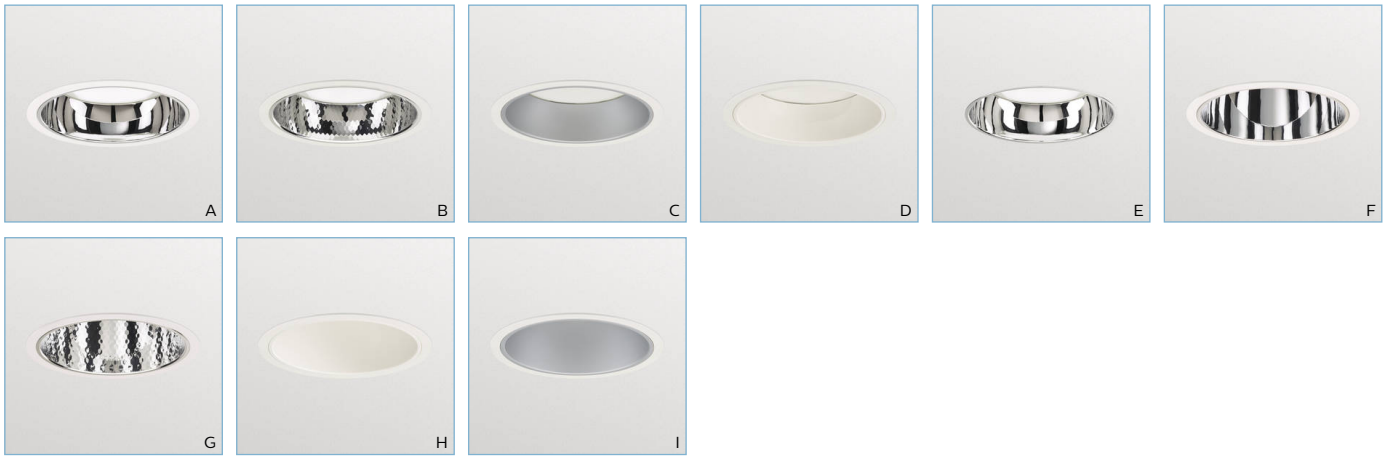
Europa 208



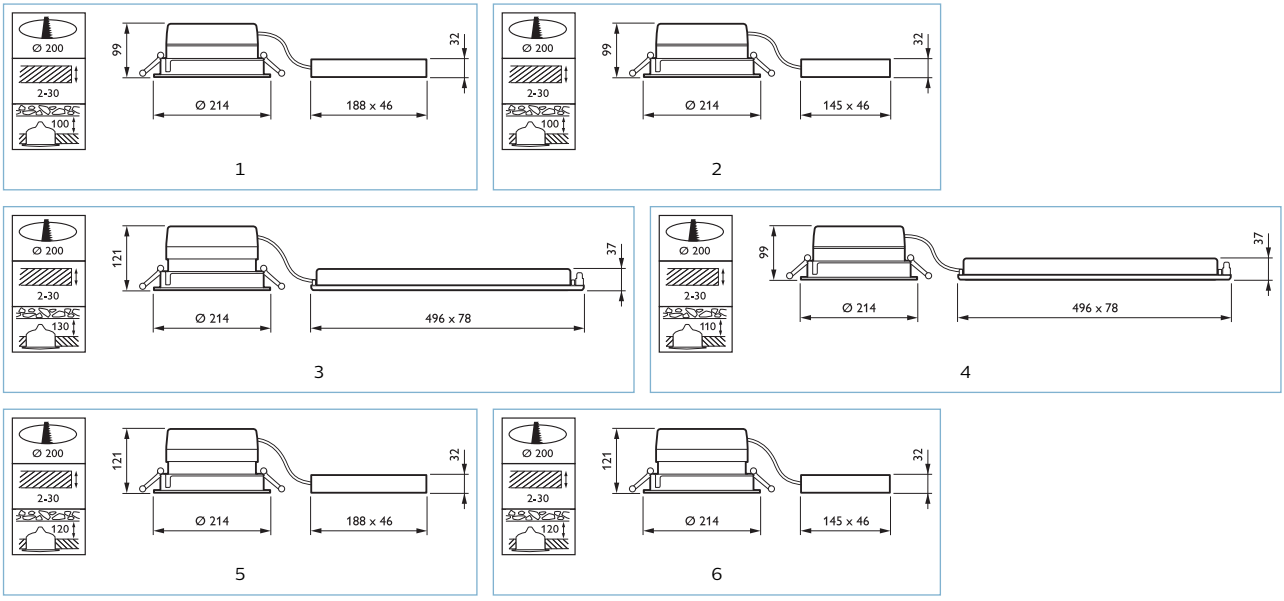
LuxSpace recessed – high efficiency, visual comfort and a stylish design

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application. For office applications LuxSpace supports the general feeling of health and wellbeing having dedicated Tunable White products

Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Housing[7]	Accessory color[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Com-pound Photo	mm	Material Nr. (12NC) (9105...)
DN560B	LED12S/830	PSE-E	C		PIP		WH	14.4	83.0				03706682
DN570B	1 LED12S/830	PSE-E	C		CU3	BV	WH	11.0	123.0	A		1	03591215
DN570B	1 LED12S/830	PSE-E	C		PIP	BV	WH	11.0	123.0	A		1	03586415
DN570B	1 LED12S/830	PSE-E	F		PIP	BV	WH	11.0	123.0	B		1	03586815
DN570B	1 LED12S/830	PSE-E	M		PIP	BV	WH	11.0	105.0	C		1	03587215
DN570B	1 LED12S/830	PSE-E	WR		PIP	BV	WH	11.0	118.0	D		1	03587415
DN570B	1 LED12S/830	PSED-E	C		CU5	BV	WH	11.0	123.0	A		2	03592015
DN570B	1 LED12S/830	PSED-E	C		PIP	BV	WH	11.0	123.0	A		2	03586615
DN570B	1 LED12S/830	PSED-E	F		PIP	BV	WH	11.0	123.0	B		2	03587015
DN570B	1 LED12S/830	PSED-E	M		PIP	BV	WH	11.0	105.0	C		2	03587315
DN570B	1 LED12S/830	PSED-E	WR		PIP	BV	WH	11.0	118.0	D		2	03587515
DN570B	1 LED12S/840	PSE-E	C		PIP	BV	WH	11.0	123.0	A		1	03586515
DN570B	1 LED12S/840	PSE-E	F		PIP	BV	WH	11.0	123.0	B		1	03586915
DN570B	1 LED12S/840	PSED-E	C		CU3	BV	WH	11.0	123.0	A		2	03592115
DN570B	1 LED12S/840	PSED-E	C		PIP	BV	WH	11.0	123.0	A		2	03586715
DN570B	1 LED12S/840	PSED-E	F		PIP	BV	WH	11.0	123.0	B		2	03587115
DN570B	1 LED20S/830	PSE-E	C		PIP	BV	WH	19.0	95.0	A		1	03592615
DN570B	1 LED20S/830	PSE-E	C		PIP	BV	WH	19.0	95.0	A		1	03592715
DN570B	1 LED20S/830	PSE-E	C		PIP	BV	WH	19.0	97.0	A		1	03592815
DN570B	1 LED20S/830	PSE-E	C		PIP	BV	WH	19.0	116.0	A		1	03587615
DN570B	1 LED20S/830	PSE-E	C		PIP	RML	CR	19.0	116.0	E			03588815
DN570B	1 LED20S/830	PSE-E	C	PG	PIP	BV	WH	19.0	111.0	A		1	03590015
DN570B	1 LED20S/830	PSE-E	F		PIP	BV	WH	19.0	116.0	B		1	03588015
DN570B	1 LED20S/830	PSE-E	F	PG	PIP	BV	WH	19.0	111.0	B		1	03590215
DN570B	1 LED20S/830	PSE-E	M		PIP	BV	WH	19.0	97.0	C		1	03588415
DN570B	1 LED20S/830	PSE-E	WR		PIP	BV	WH	19.0	111.0	D		1	03588615
DN570B	1 LED20S/830	PSED-E	C		CU3	BV	WH	19.0	116.0	A		2	03592215
DN570B	1 LED20S/830	PSED-E	C		PIP	BV	WH	19.0	116.0	A		2	03587815
DN570B	1 LED20S/830	PSED-E	C	PG	PIP	BV	WH	19.0	111.0	A		2	03590115
DN570B	1 LED20S/830	PSED-E	F		PIP	BV	WH	19.0	116.0	B		2	03588215
DN570B	1 LED20S/830	PSED-E	F	PG	PIP	BV	WH	19.0	111.0	B		2	03590315
DN570B	1 LED20S/830	PSED-E	M		PIP	BV	WH	19.0	97.0	C		2	03588515
DN570B	1 LED20S/840	PSE-E	C		PIP	BV	WH	17.4	126.0	A		1	03587715
DN570B	1 LED20S/840	PSE-E	F		PIP	BV	WH	17.4	126.0	B		1	03588115
DN570B	1 LED20S/840	PSED-E	C		CU3	BV	WH	17.4	126.0	A		2	03592315
DN570B	1 LED20S/840	PSED-E	C		PIP	BV	WH	17.4	126.0	A		2	03587915
DN570B	1 LED20S/840	PSED-E	F		PIP	BV	WH	17.4	126.0	B		2	03588315
DN570B	1 LED24S/830	PSE-E	C		PIP	BV	WH	23.0	113.0	A		1	03590415
DN570B	1 LED24S/830	PSE-E	F		PIP	BV	WH	23.0	113.0	B		1	03590815
DN570B	1 LED24S/830	PSED-E	C		CU3	BV	WH	23.0	113.0	A		2	03592415
DN570B	1 LED24S/830	PSED-E	C		PIP	BV	WH	23.0	113.0	A		2	03590615
DN570B	1 LED24S/830	PSED-E	F		PIP	BV	WH	23.0	113.0	B		2	03591015
DN570B	1 LED24S/840	PSE-E	C		PIP	BV	WH	21.0	124.0	A		1	03590515
DN570B	1 LED24S/840	PSE-E	F		PIP	BV	WH	21.0	124.0	B		1	03590915
DN570B	1 LED24S/840	PSED-E	C		CU3	BV	WH	21.0	124.0	A		2	03592515
DN570B	1 LED24S/840	PSED-E	C		PIP	BV	WH	21.0	124.0	A		2	03590715
DN570B	1 LED24S/840	PSED-E	F		PIP	BV	WH	21.0	124.0	B		2	03591115
DN570B	1 LED38S/TWH	PSED-E	C		PIP	BV	WH	34.5	107.0	F		3	03706704
DN570B	1 LED38S/TWH	PSED-E	C		PIP	BV	WH	34.5	110.0	A		4	03706703
DN570B	1 LED40S/830	PSE-E	C		PIP	BV	WH	34.0	124.0	A		1	03706635
DN570B	1 LED40S/830	PSE-E	F		PIP	BV	WH	34.0	124.0	B		1	03706639
DN570B	1 LED40S/830	PSED-E	C		PIP	BV	WH	34.0	124.0	A		2	03706637
DN570B	1 LED40S/830	PSED-E	F		PIP	BV	WH	34.0	124.0	B		2	03706641
DN570B	1 LED40S/840	PSE-E	C		PIP	BV	WH	32.0	131.0	A		1	03706636
DN570B	1 LED40S/840	PSE-E	F		PIP	BV	WH	32.0	131.0	B		1	03706640
DN570B	1 LED40S/840	PSED-E	C		PIP	BV	WH	32.0	131.0	A		2	03706638
DN570B	1 LED40S/840	PSED-E	F		PIP	BV	WH	32.0	131.0	B		2	03706642
DN570B	LED20S/830	PSE-E	C		PIP		WH	22.0	100.0	A			03706690
DN570B	LED20S/830	PSED-E	C		PIP		WH	22.0	100.0	A			03706691
DN570B	LED20S/840	PSE-E	C		PIP		WH	17.4	126.0	A			03706692
DN570B	LED20S/840	PSED-E	C		PIP		WH	17.4	126.0	A			03706693
DN571B	1 LED12S/830	PSE-E	C		PIP	BV	WH	11.0	118.0	F		5	03592915

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Housing[7]	Accessory color[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Com-pound Photo	⟷ mm	Material Nr. (12NC) (9105...)
DN571B	1 LED12S/830	PSE-E	F		PIP	BV	WH	11.0	118.0	G		5	03593315
DN571B	1 LED12S/830	PSED-E	C		PIP	BV	WH	11.0	118.0	F		6	03593115
DN571B	1 LED12S/830	PSED-E	WR		PIP	BV	WH	11.0	114.0	H		6	03594015
DN571B	1 LED12S/840	PSE-E	C		PIP	BV	WH	11.0	118.0	F		5	03593015
DN571B	1 LED12S/840	PSE-E	F		PIP	BV	WH	11.0	118.0	G		5	03593415
DN571B	1 LED12S/840	PSED-E	C		PIP	BV	WH	11.0	118.0	F		6	03593215
DN571B	1 LED12S/840	PSED-E	F		PIP	BV	WH	11.0	118.0	G		6	03593615
DN571B	1 LED20S/830	PSE-E	C		PIP	BV	WH	19.0	111.0	F		5	03594115
DN571B	1 LED20S/830	PSE-E	C	PG	PIP	BV	WH	19.0	105.0	F		5	03596515
DN571B	1 LED20S/830	PSE-E	F		PIP	BV	WH	19.0	111.0	G		5	03594515
DN571B	1 LED20S/830	PSED-E	C		PIP	BV	WH	19.0	111.0	F		6	03594315
DN571B	1 LED20S/830	PSED-E	C	PG	PIP	BV	WH	19.0	105.0	F		6	03596615
DN571B	1 LED20S/830	PSED-E	F		PIP	BV	WH	19.0	111.0	G		6	03594715
DN571B	1 LED20S/830	PSED-E	M		PIP	BV	WH	19.0	87.0	I		6	03595015
DN571B	1 LED20S/830	PSED-E	WR		PIP	BV	WH	19.0	105.0	H		6	03595215
DN571B	1 LED20S/840	PSE-E	C		PIP	BV	WH	17.4	121.0	F		5	03594215
DN571B	1 LED20S/840	PSE-E	F		PIP	BV	WH	17.4	121.0	G		5	03594615
DN571B	1 LED20S/840	PSED-E	C		PIP	BV	WH	17.4	121.0	F		6	03594415
DN571B	1 LED20S/840	PSED-E	F		PIP	BV	WH	17.4	121.0	G		6	03594815
DN571B	1 LED24S/830	PSE-E	C		PIP	BV	WH	23.0	109.0	F		5	03596915
DN571B	1 LED24S/830	PSE-E	F		PIP	BV	WH	23.0	109.0	G		5	03597315
DN571B	1 LED24S/830	PSED-E	C		PIP	BV	WH	23.0	109.0	F		6	03597115
DN571B	1 LED24S/830	PSED-E	F		PIP	BV	WH	23.0	109.0	G	A	6	03597515
DN571B	1 LED24S/840	PSE-E	C		PIP	BV	WH	21.0	119.0	F		5	03597015
DN571B	1 LED24S/840	PSE-E	F		PIP	BV	WH	21.0	119.0	G	A	5	03597415
DN571B	1 LED24S/840	PSED-E	C		PIP	BV	WH	21.0	119.0	F		6	03597215
DN571B	1 LED24S/840	PSED-E	F		PIP	BV	WH	21.0	119.0	G	A	6	03597615
DN571B	1 LED38S/TWH	PSED-E	WR		PIP	BV	WH	34.5	101.0				03706720
DN571B	1 LED40S/830	PSE-E	C		PIP	BV	WH	34.0	121.0	F		5	03706643
DN571B	1 LED40S/830	PSE-E	F		PIP	BV	WH	34.0	121.0	G		5	03706647
DN571B	1 LED40S/830	PSED-E	C		PIP	BV	WH	34.0	121.0	F		6	03706645
DN571B	1 LED40S/830	PSED-E	F		PIP	BV	WH	34.0	121.0	G		6	03706649
DN571B	1 LED40S/840	PSE-E	C		PIP	BV	WH	32.0	128.0	F		5	03706644
DN571B	1 LED40S/840	PSE-E	F		PIP	BV	WH	32.0	128.0	G		5	03706648
DN571B	1 LED40S/840	PSED-E	C		PIP	BV	WH	32.0	128.0	F		6	03706646
DN571B	1 LED40S/840	PSED-E	F		PIP	BV	WH	32.0	128.0	G		6	03706650
DN571B	LED20S/830	PSE-E	C		PIP		WH	22.0	95.0	F			03706694
DN571B	LED20S/830	PSED-E	C		PIP		WH	22.0	95.0	F			03706695
DN571B	LED20S/840	PSE-E	C		PIP		WH	17.4	121.0	F			03706696
DN571B	LED20S/840	PSED-E	C		PIP		WH	17.4	121.0	F			03706697

[1] 'Type' value description(s): 'DN560B' = LuxSpace2 Mini Low height recessed, 'DN570B' = LUXSPACE 2 COMPACT LOW HEIGHT, 'DN571B' = LUXSPACE 2 COMPACT DEEP

[2] 'Lamp' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED24S' = LED Module, system flux 2 400 lm, 'LED38S' = LED Module, system flux 3 800 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'TWH' = Tunable white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSE-E' = Power supply unit external, DC compatible for central emergency lighting, 'PSED-E' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): 'C' = High-gloss mirror, 'F' = Facetted reflector, 'M' = Matt mirror, 'WR' = White reflector without louver

[5] 'Optical cover/lens type' value description(s): 'PG' = Protection glass

[6] 'Connection' value description(s): 'CU3' = Connection unit 3-pole, 'CU5' = Connection unit 5-pole, 'PIP' = Push-in connector and pull relief

[7] 'Housing' value description(s): 'BV' = Basic version, 'RML' = Rimless housing

[8] 'Accessory color' value description(s): 'CR' = Chrome, 'WH' = White

Accessory Range

Protection glass

A

Protection glass, opal

B

Accessory Specification

Type[9]	Accessory color[10]	Optical cover/ lens type[11]	Material[12]	Mech. impact protection code[13]	Ceiling mounting accessories[14]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
DN570G					CFRM-RML		UNP / 1	035**86403**
DN570G	WH	PG	G	IK02		A	UNP / 1	035**86401**
DN570G	WH	PGO	G	IK02		B	UNP / 1	035**86402**

[9] 'Type' value description(s): '**DN570G**' = LUXSPACE 2 ACC.

[10] 'Accessory color' value description(s): '**WH**' = White

[11] 'Optical cover/lens type' value description(s): '**PG**' = Protection glass, '**PGO**' = Protection glass opal

[12] 'Material' value description(s): '**G**' = Glass

[13] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[14] 'Ceiling mounting accessories' value description(s): '**CFRM-RML**' = Ceiling frame for recessed mounting, rimless

06

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN560B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	14.4	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	34.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	11.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	17.4	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	19.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	21.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	22.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	23.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	11.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	17.4	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	19.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	21.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	22.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	23.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	32.0	1	70 000	50 000	25 000
DN570B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	34.0	1	70 000	50 000	25 000
DN570B	50/60	220/240	+/-10%	0.9	0.154	49.0	34.5	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	34.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	11.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	17.4	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	19.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	21.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	22.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	23.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	11.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	17.4	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	19.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	21.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	22.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	23.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	32.0	1	70 000	50 000	25 000
DN571B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	34.0	1	70 000	50 000	25 000
DN571B	50/60	220-240	+/-10%	0.9	0.154	49.0	34.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[15]	Light source color[16]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	83.0	1 200	+/-10%
DN570B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	105.0	1 150	+/-10%
DN570B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	118.0	1 300	+/-10%
DN570B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	123.0	1 350	+/-10%
DN570B	LED12S	840	4000	>80	80	(0.38, 0.37) SDCM <3	123.0	1 350	+/-10%
DN570B	LED12S	840	4000	>80	80	(0.38, 0.37) SDCM <5	123.0	1 350	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	95.0	1 800	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	97.0	1 850	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	100.0	2 200	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	111.0	2 100	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	116.0	2 200	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <5	116.0	2 200	+/-10%
DN570B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	126.0	2 200	+/-10%
DN570B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <5	126.0	2 200	+/-10%
DN570B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	113.0	2 600	+/-10%
DN570B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <5	113.0	2 600	+/-10%
DN570B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	124.0	2 600	+/-10%
DN570B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <5	124.0	2 600	+/-10%
DN570B	LED38S	TWH	2700 to 6500	>80	70		107.0	3 700	+/-10%
DN570B	LED38S	TWH	2700 to 6500	>80	80		110.0	3 800	+/-10%
DN570B	LED40S	830	3000	>80	80	(0.43, 0.40) SDCM <3	124.0	4 200	+/-10%
DN570B	LED40S	840	4000	>80	80	(0.38, 0.37) SDCM <3	131.0	4 200	+/-10%
DN571B	LED12S	830	3000	>80	70	(0.43, 0.40) SDCM <3	114.0	1 250	+/-10%
DN571B	LED12S	830	3000	>80	70	(0.43, 0.40) SDCM <3	118.0	1 300	+/-10%
DN571B	LED12S	840	4000	>80	70	(0.38, 0.37) SDCM <3	118.0	1 300	+/-10%
DN571B	LED20S	830	3000	>80	70	(0.43, 0.40) SDCM <3	87.0	1 650	+/-10%
DN571B	LED20S	830	3000	>80	70	(0.43, 0.40) SDCM <3	95.0	2 100	+/-10%
DN571B	LED20S	830	3000	>80	70	(0.43, 0.40) SDCM <3	105.0	2 000	+/-10%
DN571B	LED20S	830	3000	>80	70	(0.43, 0.40) SDCM <3	111.0	2 100	+/-10%
DN571B	LED20S	840	4000	>80	70	(0.38, 0.37) SDCM <3	121.0	2 100	+/-10%
DN571B	LED24S	830	3000	>80	70	(0.43, 0.40) SDCM <3	109.0	2 500	+/-10%
DN571B	LED24S	840	4000	>80	70	(0.38, 0.37) SDCM <3	119.0	2 500	+/-10%
DN571B	LED38S	TWH	2700 to 6500	>80	70		101.0	3 500	+/-10%
DN571B	LED40S	830	3000	>80	70	(0.43, 0.40) SDCM <3	121.0	4 100	+/-10%
DN571B	LED40S	840	4000	>80	70	(0.38, 0.37) SDCM <3	128.0	4 100	+/-10%

[15] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED24S' = LED Module, system flux 2 400 lm, 'LED38S' = LED Module, system flux 3 800 lm, 'LED40S' = LED Module, system flux 4 000 lm

[16] 'Light source color' value description(s): 'TWH' = Tunable white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[17]	IP Classification[18]	Mech. impact protection code[19]	CE mark	ENEC mark	Flammability mark[20]	Glow-wire test[21] (°C/s)
DN560B	II	IP20	IK02	CE		F	850/5
DN570B	I	IP20	IK02	CE	ENEC	F	850/5
DN570B	II	IP20	IK02	CE		F	850/5
DN570B	II	IP20	IK02	CE	ENEC	F	850/5
DN570B	II	IP20/54	IK02	CE	ENEC	F	850/5
DN571B	I	IP20	IK02	CE	ENEC	F	850/5
DN571B	II	IP20	IK02	CE		F	850/5
DN571B	II	IP20	IK02	CE	ENEC	F	850/5
DN571B	II	IP20/54	IK02	CE	ENEC	F	850/5

[17] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[18] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP20/54' = Finger-protected; dust accumulation-protected, splash-proof

[19] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[20] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[21] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



LuxSpace recessed – high efficiency, visual comfort and a stylish design

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

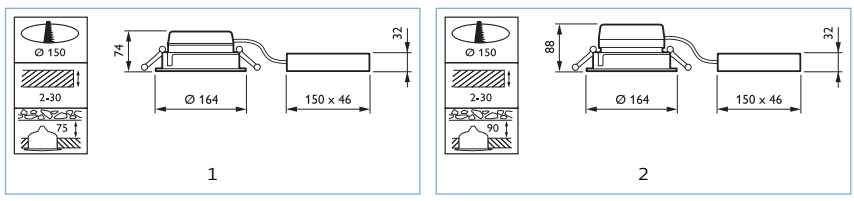
Product Range



Detailed Photos



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
DN560B	1 LED8S/830	PSE-E	C		PIP	WH	8.0	103.0	A	A, B	1	037**06506**
DN560B	1 LED8S/830	PSED-E	C		PIP	WH	8.0	103.0	A	A, B	1	037**06508**
DN560B	1 LED8S/830	PSED-E	F		PIP	WH	8.0	103.0	B		1	037**06512**
DN560B	1 LED8S/840	PSE-E	C		PIP	WH	8.0	103.0	A	A, B	1	037**06507**
DN560B	1 LED8S/840	PSED-E	C		PIP	WH	8.0	103.0	A	A, B	1	037**06509**
DN560B	1 LED8S/840	PSED-E	F		PIP	WH	8.0	103.0	B		1	037**06513**
DN560B	1 LED12S/827	PSE-E	C		PIP	WH	12.8	86.0	A	A, B	1	037**06528**
DN560B	1 LED12S/827	PSE-E	F		PIP	WH	12.8	86.0	B		1	037**06532**
DN560B	1 LED12S/830	PSE-E	C		CU3	WH	11.6	103.0	A	A, B	1	035**86432**
DN560B	1 LED12S/830	PSE-E	C		PIP	WH	11.6	84.0	C		1	035**86438**
DN560B	1 LED12S/830	PSE-E	C		PIP	WH	11.6	84.0	D		1	035**86439**
DN560B	1 LED12S/830	PSE-E	C		PIP	WH	11.6	103.0	A	A, B	1	035**86404**
DN560B	1 LED12S/830	PSE-E	C	PG	PIP	WH	11.6	99.0	A	A, B	1	035**86428**
DN560B	1 LED12S/830	PSE-E	F		PIP	WH	11.6	103.0	B		1	035**86408**
DN560B	1 LED12S/830	PSE-E	F	PG	PIP	WH	11.6	99.0	B		1	035**86430**
DN560B	1 LED12S/830	PSE-E	M		PIP	WH	11.6	91.0	E		1	035**86412**
DN560B	1 LED12S/830	PSE-E	WR		PIP	WH	11.6	99.0	F		1	035**86414**
DN560B	1 LED12S/830	PSED-E	C		CU5	WH	11.6	103.0	A	A, B	1	035**86436**
DN560B	1 LED12S/830	PSED-E	C		PIP	WH	11.6	103.0	A	A, B	1	035**86406**
DN560B	1 LED12S/830	PSED-E	C	PG	PIP	WH	11.6	99.0	A	A, B	1	035**86429**
DN560B	1 LED12S/830	PSED-E	F		PIP	WH	11.6	103.0	B		1	035**86410**
DN560B	1 LED12S/830	PSED-E	F	PG	PIP	WH	11.6	99.0	B		1	035**86431**
DN560B	1 LED12S/840	PSE-E	C		PIP	WH	11.6	103.0	A	A, B	1	035**86405**
DN560B	1 LED12S/840	PSE-E	F		PIP	WH	11.6	103.0	B		1	035**86409**
DN560B	1 LED12S/840	PSED-E	C		PIP	WH	11.6	103.0	A	A, B	1	035**86407**
DN560B	1 LED12S/840	PSED-E	F		PIP	WH	11.6	103.0	B		1	035**86411**
DN560B	LED12S/830	PSE-E	C		PIP	WH	14.4	83.0				037**06682**
DN561B	1 LED8S/830	PSE-E	F		PIP	WH	8.0	98.0	G		2	037**06518**
DN561B	1 LED8S/830	PSED-E	C		PIP	WH	8.0	98.0	H		2	037**06516**
DN561B	1 LED8S/840	PSE-E	C		PIP	WH	8.0	98.0	H		2	037**06515**
DN561B	1 LED8S/840	PSED-E	C		PIP	WH	8.0	98.0	H		2	037**06517**
DN561B	1 LED12S/830	PSE-E	C		PIP	WH	11.6	99.0	H		2	035**86441**
DN561B	1 LED12S/830	PSE-E	C	PG	PIP	WH	11.6	95.0	H		2	035**86465**
DN561B	1 LED12S/830	PSE-E	F		PIP	WH	11.6	99.0	G		2	035**86445**
DN561B	1 LED12S/830	PSE-E	F	PG	PIP	WH	11.6	95.0	G		2	035**86467**
DN561B	1 LED12S/830	PSE-E	WR		PIP	WH	11.6	95.0	I		2	035**86451**
DN561B	1 LED12S/830	PSED-E	C		PIP	WH	11.6	99.0	H		2	035**86443**
DN561B	1 LED12S/830	PSED-E	C	PG	PIP	WH	11.6	95.0	H		2	035**86466**
DN561B	1 LED12S/830	PSED-E	F		PIP	WH	11.6	99.0	G		2	035**86447**
DN561B	1 LED12S/830	PSED-E	F	PG	PIP	WH	11.6	95.0	G		2	035**86468**
DN561B	1 LED12S/840	PSE-E	C		PIP	WH	11.6	99.0	H		2	035**86442**
DN561B	1 LED12S/840	PSE-E	F		PIP	WH	11.6	99.0	G		2	035**86446**
DN561B	1 LED12S/840	PSED-E	C		PIP	WH	11.6	99.0	H		2	035**86444**
DN561B	1 LED12S/840	PSED-E	F		PIP	WH	11.6	99.0	G		2	035**86448**

[1] 'Type' value description(s): '**DN560B**' = LuxSpace2 Mini Low height recessed, '**DN561B**' = LuxSpace2 Mini Deep recessed

[2] 'Lamp' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED8S**' = LED Module, system flux 800 lm, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSE-E**' = Power supply unit external, DC compatible for central emergency lighting, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror, '**F**' = Facetted reflector, '**M**' = Matt mirror, '**WR**' = White reflector without louver

[5] 'Optical cover/lens type' value description(s): '**PG**' = Protection glass

[6] 'Connection' value description(s): '**CU3**' = Connection unit 3-pole, '**CU5**' = Connection unit 5-pole, '**PIP**' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Protection glass

A

Protection glass, opal

B

Accessory Specification

Type[8]	Optical cover/lens type[9]	Ceiling mounting accessories[10]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
DN560G	PG		A	UNP / 1	037**06523**
DN560G	PGO		B	UNP / 1	037**06524**
DN560Z		CFRM-RML		UNP / 1	037**06522**
DN572Z		CFRM-RML		UNP / 1	037**06634**

[8] 'Type' value description(s): 'DN560G' = LuxSpace2 Mini accessories, 'DN560Z' = LuxSpace2 Mini accessories, 'DN572Z' = LuxSpace2 Square accessories

[9] 'Optical cover/lens type' value description(s): 'PG' = Protection glass, 'PGO' = Protection glass opal

[10] 'Ceiling mounting accessories' value description(s): 'CFRM-RML' = Ceiling frame for recessed mounting, rimless

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN560B	50-60	220 to 240	+/-10%	0.8	0.050	5.0	8.0	1	70 000	50 000	25 000
DN560B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	11.6	1	70 000	50 000	25 000
DN560B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	12.8	1	70 000	50 000	25 000
DN560B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	14.4	1	70 000	50 000	25 000
DN560B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	11.6	1	70 000	50 000	25 000
DN561B	50-60	220 to 240	+/-10%	0.8	0.050	5.0	8.0	1	70 000	50 000	25 000
DN561B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	11.6	1	70 000	50 000	25 000
DN561B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	11.6	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	 (°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN560B	LED8S	830	3000	>80	80	(0.43, 0.40) SDCM <3	103.0	820	+/-10%
DN560B	LED8S	840	4000	>80	80	(0.38, 0.37) SDCM <3	103.0	820	+/-10%
DN560B	LED12S	827	2700	>80	80	(0.46, 0.41) SDCM <3	86.0	1 100	+/-10%
DN560B	LED12S	827	2700	>80	80	(0.46, 0.41) SDCM <5	86.0	1 100	+/-10%
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	83.0	1 200	+/-10%
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	84.0	980	+/-10%
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	91.0	1 050	+/-10%
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	99.0	1 150	+/-10%
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	103.0	1 200	+/-10%
DN560B	LED12S	840	4000	>80	80	(0.38, 0.37) SDCM <3	103.0	1 200	+/-10%
DN561B	LED8S	830	3000	>80	75	(0.43, 0.40) SDCM <3	98.0	780	+/-10%
DN561B	LED8S	840	4000	>80	75	(0.38, 0.37) SDCM <3	98.0	780	+/-10%
DN561B	LED12S	830	3000	>80	75	(0.43, 0.40) SDCM <3	95.0	1 100	+/-10%
DN561B	LED12S	830	3000	>80	75	(0.43, 0.40) SDCM <3	99.0	1 150	+/-10%
DN561B	LED12S	840	4000	>80	75	(0.38, 0.37) SDCM <3	99.0	1 150	+/-10%

[11] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED8S' = LED Module, system flux 800 lm

[12] 'Light source color' value description(s): '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[13]	IP Classification[14]	Mech. impact protection code[15]	CE mark	ENEC mark	Flammability mark[16]	Glow-wire test[17] (°C/s)
DN560B	II	IP20	IK02	CE		F	850/5
DN560B	II	IP20	IK02	CE	ENEC	F	850/5
DN560B	II	IP20/54	IK02	CE	ENEC	F	850/5
DN561B	II	IP20	IK02	CE	ENEC	F	850/5
DN561B	II	IP20/54	IK02	CE	ENEC	F	850/5

[13] 'Protection class IEC' value description(s): 'II' = Safety class II

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP20/54' = Finger-protected; dust accumulation-protected, splash-proof

[15] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[16] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

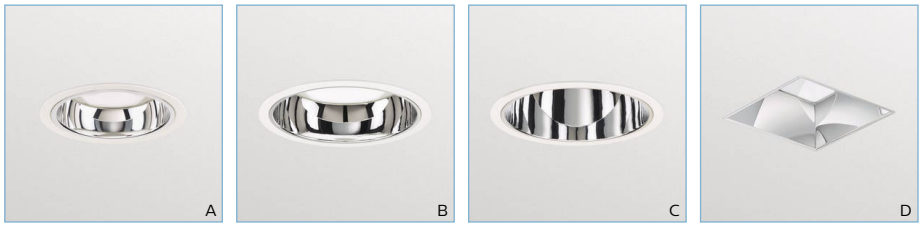
[17] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



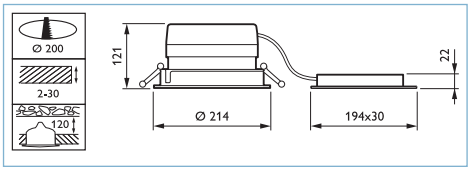
LuxSpace PoE – Intelligent energy-saving luminaire enabled for connected lighting systems

With Power-over-Ethernet (PoE) technology, LuxSpace PoE receives power and data over a single standard Ethernet cable, eliminating the need for separate power cabling. With the simple click of a connector, LuxSpace PoE luminaires become part of a complete, integrated connected lighting system, delivering extraordinary illumination experiences and value beyond illumination. A built-in lighting and control system gives office users personal control over their preferred light settings via a specially designed smartphone app. With integrated sensors, LuxSpace PoE luminaires can track activity patterns, daylight levels, and in the near future humidity, CO_2, temperature, or other data. This data allows facility managers to gain deep insight into building operations, helping them optimize the delivery of resources, enhance the experience and performance of occupants, and support improved asset management.

Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9105...)
DN560B	LED12S/830	POE	C	RJ45		WH	9.2	130	A	037**06670**
DN560B	LED12S/830	POE	F	RJ45		WH	9.2	130	A	037**06673**
DN560B	LED12S/840	POE	C	RJ45		WH	8.7	138	A	037**06671**
DN560B	LED12S/840	POE	F	RJ45		WH	8.7	138	A	037**06672**
DN570B	LED20S/830	POE	C	RJ45		WH	16.2	136	B	037**06662**
DN570B	LED20S/830	POE	F	RJ45		WH	15.4	143	B	037**06665**
DN570B	LED20S/840	POE	C	RJ45		WH	15.4	143	B	037**06663**
DN570B	LED20S/840	POE	F	RJ45		WH	16.2	136	B	037**06664**
DN570B	LED24S/830	POE	C	RJ45		WH	19.0	137	B	037**06666**
DN570B	LED24S/830	POE	F	RJ45		WH	20.0	130	B	037**06669**
DN570B	LED24S/840	POE	C	RJ45		WH	19.0	137	B	037**06667**
DN570B	LED24S/840	POE	F	RJ45		WH	20.0	130	B	037**06668**
DN571B	1 LED24S/840	POE	C	PIP	BV	WH			C	037**06504**
DN572B	LED20S/830	POE	C	RJ45		WH	15.2	132	D	037**06674**
DN572B	LED20S/830	POE	F	RJ45		WH	15.2	132	D	037**06677**
DN572B	LED20S/840	POE	C	RJ45		WH	15.2	138	D	037**06675**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9105...)
DN572B	LED20S/840	POE	F	RJ45		WH	15.2	138	D	037**06676**
DN572B	LED24S/830	POE	C	RJ45		WH	19.0	126	D	037**06678**
DN572B	LED24S/830	POE	F	RJ45		WH	19.0	126	D	037**06681**
DN572B	LED24S/840	POE	C	RJ45		WH	19.0	132	D	037**06679**
DN572B	LED24S/840	POE	F	RJ45		WH	19.0	132	D	037**06680**

[1] 'Type' value description(s): '**DN560B**' = LuxSpace2 Mini Low height recessed, '**DN570B**' = LUXSPACE 2 COMPACT LOW HEIGHT, '**DN571B**' = LUXSPACE 2 COMPACT DEEP, '**DN572B**' = LuxSpace2 Square

[2] 'Lamp' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**POE**' = Luminaire controller with power over Ethernet

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror, '**F**' = Facetted reflector

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief, '**RJ45**' = RJ45 connector

[6] 'Housing' value description(s): '**BV**' = Basic version

[7] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN560B	50-60	48 to 54	+/-10%	1	1	5	8.7	1	70 000	50 000	25 000
DN560B	50-60	48 to 54	+/-10%	1	1	5	9.2	1	70 000	50 000	25 000
DN570B	50-60	48 to 54	+/-10%	1	1	5	15.4	1	70 000	50 000	25 000
DN570B	50-60	48 to 54	+/-10%	1	1	5	16.2	1	70 000	50 000	25 000
DN570B	50-60	48 to 54	+/-10%	1	1	5	19.0	1	70 000	50 000	25 000
DN570B	50-60	48 to 54	+/-10%	1	1	5	20.0	1	70 000	50 000	25 000
DN571B	50-60	54	+/-10%					1	70 000	50 000	25 000
DN572B	50-60	48 to 54	+/-10%	1	1	5	15.2	1	70 000	50 000	25 000
DN572B	50-60	48 to 54	+/-10%	1	1	5	19.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN560B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	130	1 200	+/-10%
DN560B	LED12S	840	4000	>80	80	(0.38, 0.37) SDCM <3	138	1 200	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	136	2 200	+/-10%
DN570B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	143	2 200	+/-10%
DN570B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	136	2 200	+/-10%
DN570B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	143	2 200	+/-10%
DN570B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	130	2 600	+/-10%
DN570B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	137	2 600	+/-10%
DN570B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	130	2 600	+/-10%
DN570B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	137	2 600	+/-10%
DN571B	LED24S	840	4000						+/-10%
DN572B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	132	2 000	+/-10%
DN572B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	138	2 100	+/-10%
DN572B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	126	2 400	+/-10%
DN572B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	132	2 500	+/-10%

[8] 'Lamp family code' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm

[9] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)
DN560B	III	IP20	IK02	CE	ENEC	F	850/5
DN570B	III	IP20	IK02	CE	ENEC	F	850/5
DN571B	II	IP20	IK02	CE	ENEC	F	850/5
DN572B	III	IP20	IK02	CE	ENEC	F	850/5

[10] 'Protection class IEC' value description(s): '**II**' = Safety class II, '**III**' = Safety class III

[11] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[12] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[13] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

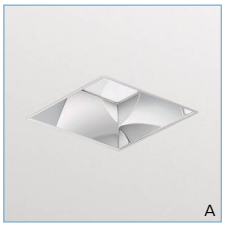
[14] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



LuxSpace square, recessed – high efficiency, visual comfort and a stylish design

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

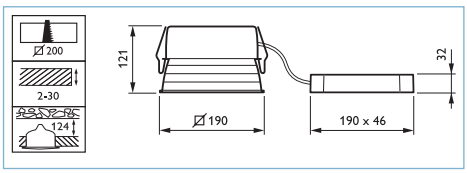
Product Range



Detailed Photos



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9105...)
DN572B	1 LED12S/830	PSE-E	C	PIP		WH	10.6	113		037**06581**
DN572B	1 LED12S/830	PSE-E	F	PIP		WH	10.6	113		037**06585**
DN572B	1 LED12S/830	PSED-E	C	PIP		WH	10.6	113		037**06583**
DN572B	1 LED12S/830	PSED-E	F	PIP		WH	10.6	113		037**06587**
DN572B	1 LED12S/840	PSE-E	C	PIP		WH	10.6	118		037**06582**
DN572B	1 LED12S/840	PSE-E	F	PIP		WH	10.6	118		037**06586**
DN572B	1 LED12S/840	PSED-E	C	PIP		WH	10.6	118		037**06584**

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Housing[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9105...)
DN572B	1 LED12S/840	PSED-E	F	PIP		WH	10.6	118		037**06588**
DN572B	1 LED20S/827	PSE-E	C	PIP		WH	17.4	103		037**06610**
DN572B	1 LED20S/830	PSE-E	C	PIP		WH	17.4	115		037**06589**
DN572B	1 LED20S/830	PSE-E	F	PIP		WH	17.4	115		037**06593**
DN572B	1 LED20S/830	PSE-E	WR	PIP		WH	17.4	109		037**06599**
DN572B	1 LED20S/830	PSED-E	C	PIP		WH	17.4	115		037**06591**
DN572B	1 LED20S/830	PSED-E	C	PIP	RML	CR	17.4	115	A	037**06603**
DN572B	1 LED20S/830	PSED-E	F	PIP		WH	17.4	115		037**06595**
DN572B	1 LED20S/840	PSE-E	C	PIP		WH	17.4	121		037**06590**
DN572B	1 LED20S/840	PSE-E	F	PIP		WH	17.4	121		037**06594**
DN572B	1 LED20S/840	PSED-E	C	PIP		WH	17.4	121		037**06592**
DN572B	1 LED20S/840	PSED-E	F	PIP		WH	17.4	121		037**06596**
DN572B	1 LED24S/830	PSE-E	C	PIP		WH	21.0	114		037**06618**
DN572B	1 LED24S/830	PSED-E	C	PIP		WH	21.0	114		037**06620**
DN572B	1 LED24S/840	PSE-E	C	PIP		WH	21.0	119		037**06619**
DN572B	1 LED24S/840	PSED-E	C	PIP		WH	21.0	119		037**06621**
DN572B	1 LED24S/840	PSED-E	F	PIP		WH	21.0	119		037**06625**

[1] 'Type' value description(s): '**DN572B**' = LuxSpace2 Square

[2] 'Lamp' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSE-E**' = Power supply unit external, DC compatible for central emergency lighting, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror, '**F**' = Facetted reflector, '**WR**' = White reflector without louver

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Housing' value description(s): '**RML**' = Rimless housing

[7] 'Accessory color' value description(s): '**CR**' = Chrome, '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN572B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	10.6	1	70 000	50 000	25 000
DN572B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	17.4	1	70 000	50 000	25 000
DN572B	50-60	220 to 240	+/-10%	0.9	0.240	18.0	21.0	1	70 000	50 000	25 000
DN572B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	10.6	1	70 000	50 000	25 000
DN572B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	17.4	1	70 000	50 000	25 000
DN572B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	21.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN572B	LED12S	830	3000	>80	80	(0.43, 0.40) SDCM <3	113	1 200	+/-10%
DN572B	LED12S	840	4000	>80	80	(0.38, 0.37) SDCM <3	118	1 250	+/-10%
DN572B	LED20S	827	2700	>80	80	(0.46, 0.41) SDCM <3	103	1 800	+/-10%
DN572B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	109	1 900	+/-10%
DN572B	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	115	2 000	+/-10%
DN572B	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	121	2 100	+/-10%
DN572B	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	114	2 400	+/-10%
DN572B	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	119	2 500	+/-10%

[8] 'Lamp family code' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm

[9] 'Light source color' value description(s): '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)
DN572B	II	IP20	IK02	CE	ENEC	F	850/5

[10] 'Protection class IEC' value description(s): '**II**' = Safety class II

[11] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[12] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[13] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

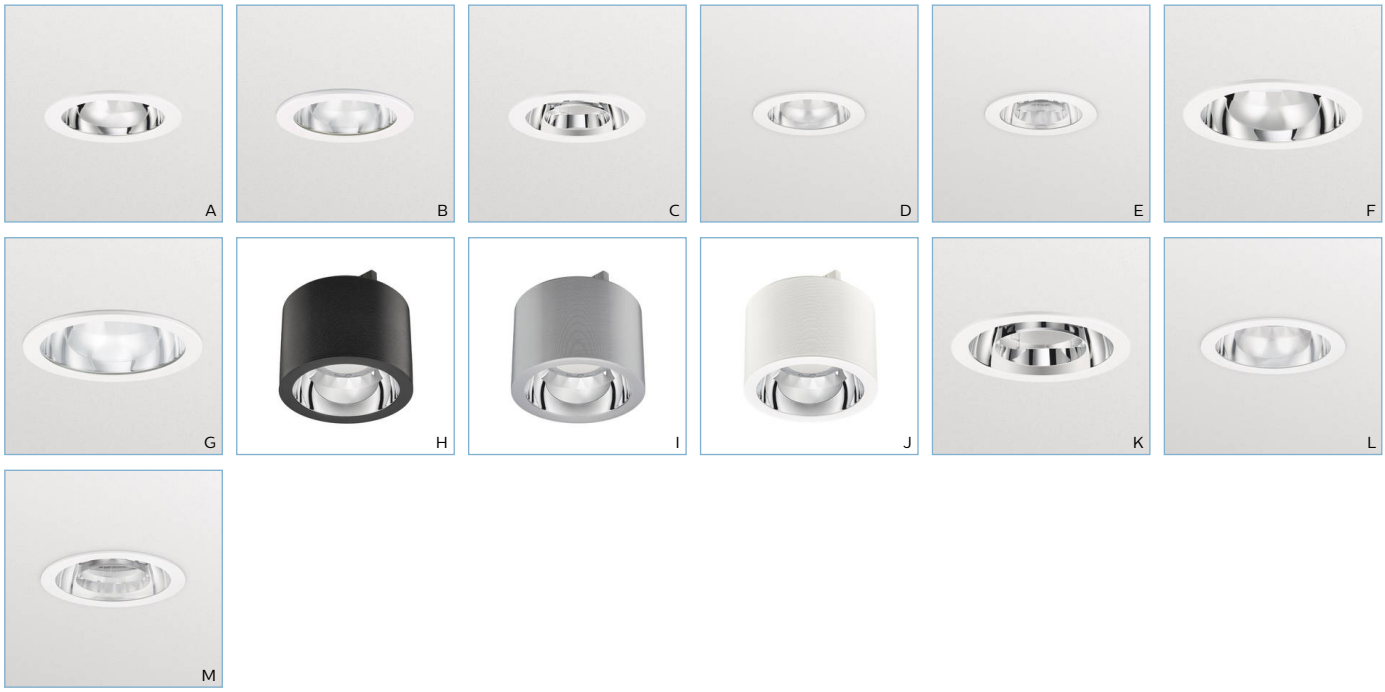
[14] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



GreenSpace – high-efficiency sustainable LED solution

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product Range



Detailed Photos

Optic ring UGR19



Greenspace_EU_gen_2-DN462_463_472_473B-1DPP.TIF



Greenspace_EU_gen_2-DN462_463_472_473B-2DPP.TIF



Greenspace_EU_gen_2-DN462_463_472_473B-3DPP.TIF



Greenspace_EU_gen_2-DN462B-DPP.TIF



E

Greenspace_EU_gen_2-DN463B-DPP.TIF



F

Greenspace_EU_gen_2-DN472B-DPP.TIF



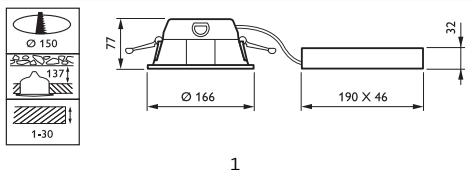
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Greenspace_EU_gen_2-DN473B-DPP.TIF

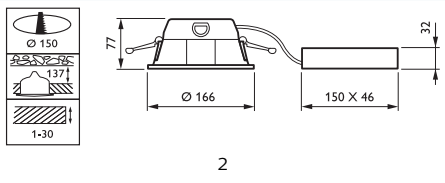


H

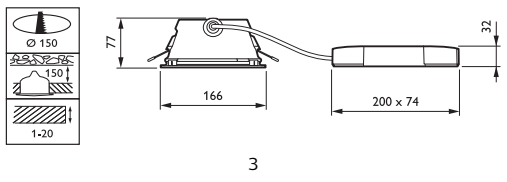
Dimension Drawing



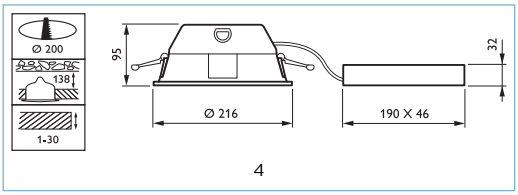
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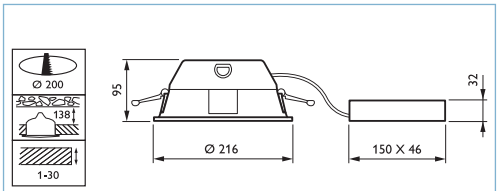
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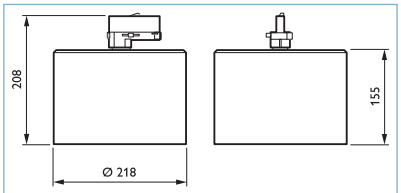
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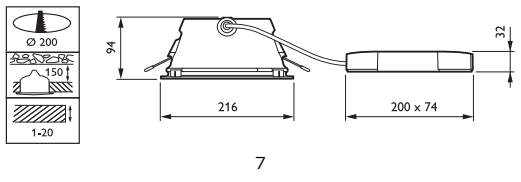
4



5



6



7

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
DN460B	1 LED11S/830	PSE-E	C		CU3	WH	11.0	118.0	A		1	910500**456229**
DN460B	1 LED11S/830	PSE-E	C		PIP	WH	11.0	109.0	A		1	910500**454944**
DN460B	1 LED11S/830	PSE-E	C		PIP	WH	11.0	109.0	A		1	910500**454946**
DN460B	1 LED11S/830	PSE-E	C	GC	PIP	WH	11.0	109.0	B		1	910500**454948**
DN460B	1 LED11S/830	PSE-E	C	PGO	PIP	WH	11.0	118.0	B		1	910500**456219**
DN460B	1 LED11S/830	PSE-E	WR		PIP	SI	11.0	118.0	A			910500**459480**
DN460B	1 LED11S/830	PSED-E	C		CU5	WH	11.0	118.0	A		2	910500**456235**
DN460B	1 LED11S/830	PSED-E	C		PIP	WH	11.0	109.0	A		2	910500**454950**
DN460B	1 LED11S/830	PSED-E	C		PIP	WH	11.0	109.0	A		2	910500**454952**
DN460B	1 LED11S/830	PSED-E	C	GC	PIP	WH	11.0	109.0	B		2	910500**454954**
DN460B	1 LED11S/830	PSED-E	C	PGO	PIP	WH	11.0	118.0	B		2	910500**456225**
DN460B	1 LED11S/840	PSE-E	C		CU3	WH	11.0	118.0	A		1	910500**456230**
DN460B	1 LED11S/840	PSE-E	C		PIP	WH	11.0	109.0	A		1	910500**454945**
DN460B	1 LED11S/840	PSE-E	C		PIP	WH	11.0	109.0	A		1	910500**454947**
DN460B	1 LED11S/840	PSE-E	C	GC	PIP	WH	11.0	109.0	B		1	910500**454949**
DN460B	1 LED11S/840	PSE-E	C	PGO	PIP	WH	11.0	118.0	B		1	910500**456220**
DN460B	1 LED11S/840	PSED-E	C		CU5	WH	11.0	118.0	A		2	910500**456236**
DN460B	1 LED11S/840	PSED-E	C		PIP	WH	11.0	109.0	A		2	910500**454951**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
DN460B	1 LED11S/840	PSED-E	C		PIP	WH	11.0	109.0	A		2	910500**454953**
DN460B	1 LED11S/840	PSED-E	C	GC	PIP	WH	11.0	109.0	B		2	910500**454955**
DN460B	1 LED11S/840	PSED-E	C	PGO	PIP	WH	11.0	118.0	B		2	910500**456226**
DN461B	1 LED11S/830	PSE-E	C		CU3	WH	11.0	118.0	C	A	1	910500**456253**
DN461B	1 LED11S/830	PSE-E	C		PIP	WH	11.0	105.0	C	A	1	910500**454956**
DN461B	1 LED11S/830	PSE-E	C		PIP	WH	11.0	105.0	C	A	1	910500**454958**
DN461B	1 LED11S/830	PSED-E	C		CU5	WH	11.0	118.0	C	A	2	910500**456257**
DN461B	1 LED11S/830	PSED-E	C		PIP	WH	11.0	105.0	C	A	2	910500**454960**
DN461B	1 LED11S/830	PSED-E	C		PIP	WH	11.0	105.0	C	A	2	910500**454962**
DN461B	1 LED11S/840	PSE-E	C		CU3	WH	11.0	118.0	C	A	1	910500**456254**
DN461B	1 LED11S/840	PSE-E	C		PIP	WH	11.0	105.0	C	A	1	910500**454957**
DN461B	1 LED11S/840	PSE-E	C		PIP	WH	11.0	105.0	C	A	1	910500**454959**
DN461B	1 LED11S/840	PSED-E	C		CU5	WH	11.0	118.0	C	A	2	910500**456258**
DN461B	1 LED11S/840	PSED-E	C		PIP	WH	11.0	105.0	C	A	2	910500**454961**
DN461B	1 LED11S/840	PSED-E	C		PIP	WH	11.0	105.0	C	A	2	910500**454963**
DN462B	1 LED11S/830	PSE-E	C			WH	9.8	100.0	D	B-E	3	912500**100062**
DN462B	1 LED11S/830	PSED-E	C			WH	10.0	98.0	D	B-E	3	912500**100064**
DN462B	1 LED11S/840	PSE-E	C			WH	9.8	102.0	D	B-E	3	912500**100063**
DN462B	1 LED11S/840	PSED-E	C			WH	10.0	100.0	D	B-E	3	912500**100065**
DN463B	1 LED11S/830	PSE-E	C			WH	9.8	96.0	E	B-D, F	3	912500**100066**
DN463B	1 LED11S/830	PSED-E	C			WH	10.0	94.0	E	B-D, F	3	912500**100068**
DN463B	1 LED11S/840	PSE-E	C			WH	9.8	100.0	E	B-D, F	3	912500**100067**
DN463B	1 LED11S/840	PSED-E	C			WH	10.0	98.0	E	B-D, F	3	912500**100069**
DN470B	1 LED20S/830	PSE-E	C		CU3	WH	18.6	116.0	F		4	910500**456273**
DN470B	1 LED20S/830	PSE-E	C		PIP	WH	18.6	116.0	F		4	910500**454964**
DN470B	1 LED20S/830	PSE-E	C		PIP	WH	28.2	116.0	A			910500**459486**
DN470B	1 LED20S/830	PSE-E	C		PIP	WH	18.6	116.0	F		4	910500**454966**
DN470B	1 LED20S/830	PSE-E	C	GC	PIP	WH	18.6	116.0	G		4	910500**454968**
DN470B	1 LED20S/830	PSE-E	C	PGO	PIP	WH	18.6	116.0	G		4	910500**456263**
DN470B	1 LED20S/830	PSE-E	WR		PIP	SI	18.6	118.0	A			910500**459481**
DN470B	1 LED20S/830	PSED-E	C		CU5	WH	18.6	116.0	F		5	910500**456279**
DN470B	1 LED20S/830	PSED-E	C		PIP	WH	18.6	116.0	F		5	910500**454970**
DN470B	1 LED20S/830	PSED-E	C		PIP	WH	18.6	116.0	F		5	910500**454972**
DN470B	1 LED20S/830	PSED-E	C	GC	PIP	WH	18.6	116.0	G		5	910500**454974**
DN470B	1 LED20S/830	PSED-E	C	PGO	PIP	WH	18.6	116.0	G		5	910500**456269**
DN470B	1 LED20S/830	PSU-E	C		PIP	WH	18.6	118.0	F			910500**457613**
DN470B	1 LED20S/830	PSU-E	C	GC	PIP	WH	18.6	118.0	F			910500**457617**
DN470B	1 LED20S/830	PSU-E	C	PGO	PIP	WH	18.6	118.0	F			910500**457619**
DN470B	1 LED20S/840	PSE-E	C		CU3	WH	18.6	118.0	F		4	910500**456272**
DN470B	1 LED20S/840	PSE-E	C		CU3	WH	18.6	118.0	F		4	910500**456274**
DN470B	1 LED20S/840	PSE-E	C		PIP	WH	18.6	118.0	F		4	910500**454965**
DN470B	1 LED20S/840	PSE-E	C		PIP	WH	28.2	118.0	A			910500**459487**
DN470B	1 LED20S/840	PSE-E	C		PIP	WH	18.6	118.0	F		4	910500**454967**
DN470B	1 LED20S/840	PSE-E	C	GC	PIP	WH	18.6	118.0	G		4	910500**454969**
DN470B	1 LED20S/840	PSE-E	C	PGO	PIP	WH	18.6	118.0	G		4	910500**456264**
DN470B	1 LED20S/840	PSED-E	C		CU5	WH	18.6	118.0	F		5	910500**456280**
DN470B	1 LED20S/840	PSED-E	C		PIP	WH	18.6	118.0	F		5	910500**454971**
DN470B	1 LED20S/840	PSED-E	C		PIP	WH	18.6	118.0	F		5	910500**454973**
DN470B	1 LED20S/840	PSED-E	C	GC	PIP	WH	18.6	118.0	G		5	910500**454975**
DN470B	1 LED20S/840	PSED-E	C	PGO	PIP	WH	18.6	118.0	G		5	910500**456270**
DN470B	1 LED30S/830	PSE-E	C		PIP	WH	28.2	115.0	A			910500**459482**
DN470B	1 LED30S/830	PSED-E	C		PIP	WH	28.2	115.0	A			910500**459484**
DN470B	1 LED30S/840	PSE-E	C		PIP	WH	28.2	117.0	A			910500**459483**
DN470B	1 LED30S/840	PSED-E	C		PIP	WH	28.2	117.0	A			910500**459485**
DN470T	1 LED20S/830	PSD			CU3	BK	19.2	110.0	H		6	912500**100267**
DN470T	1 LED20S/830	PSD			CU3	GR	19.2	110.0	I		6	912500**100275**
DN470T	1 LED20S/830	PSD			CU3	WH	19.2	110.0	J		6	912500**100271**
DN470T	1 LED20S/830	PSD			CU5	BK	19.2	110.0	H		6	912500**100269**
DN470T	1 LED20S/830	PSD			CU5	GR	19.2	110.0	I		6	912500**100277**
DN470T	1 LED20S/830	PSD			CU5	WH	19.2	110.0	J		6	912500**100273**
DN470T	1 LED20S/840	PSD			CU3	BK	19.2	116.0	H		6	912500**100268**
DN470T	1 LED20S/840	PSD			CU3	GR	19.2	116.0	I		6	912500**100276**
DN470T	1 LED20S/840	PSD			CU3	WH	19.2	116.0	J		6	912500**100272**
DN470T	1 LED20S/840	PSD			CU5	BK	19.2	116.0	H		6	912500**100270**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
DN470T	1 LED20S/840	PSD			CU5	GR	19.2	116.0	I			912500100278
DN470T	1 LED20S/840	PSD			CU5	WH	19.2	116.0	J		6	912500100274
DN471B	1 LED20S/830	PSE-E	C		CU3	WH	18.6	116.0	K	A	4	910500456297
DN471B	1 LED20S/830	PSE-E	C		PIP	WH	18.6	116.0	K	A	4	910500454976
DN471B	1 LED20S/830	PSE-E	C		PIP	WH	18.6	116.0	K	A	4	910500454978
DN471B	1 LED20S/830	PSED-E	C		CU5	WH	18.6	116.0	K	A	5	910500456302
DN471B	1 LED20S/830	PSED-E	C		PIP	WH	18.6	116.0	K	A	5	910500454980
DN471B	1 LED20S/830	PSED-E	C		PIP	WH	18.6	116.0	K	A	5	910500454982
DN471B	1 LED20S/840	PSE-E	C		CU3	WH	18.6	118.0	K	A	4	910500456298
DN471B	1 LED20S/840	PSE-E	C		PIP	WH	18.6	118.0	K	A	4	910500454977
DN471B	1 LED20S/840	PSE-E	C		PIP	WH	18.6	118.0	K	A	4	910500454979
DN471B	1 LED20S/840	PSED-E	C		CU5	WH	18.6	118.0	K	A	5	910500456303
DN471B	1 LED20S/840	PSED-E	C		PIP	WH	18.6	118.0	K	A	5	910500454981
DN471B	1 LED20S/840	PSED-E	C		PIP	WH	18.6	118.0	K	A	5	910500454983
DN472B	1 LED20S/830	PSE-E	C			WH	17.6	108.0	L	B-D, G	7	912500100070
DN472B	1 LED20S/830	PSED-E	C			WH	18.0	106.0	L	B-D, G	7	912500100072
DN472B	1 LED20S/840	PSE-E	C			WH	17.6	114.0	L	B-D, G	7	912500100071
DN472B	1 LED20S/840	PSED-E	C			WH	18.0	111.0	L	B-D, G	7	912500100073
DN473B	1 LED20S/830	PSE-E	C			WH	17.6	102.0	M	H	7	912500100074
DN473B	1 LED20S/830	PSED-E	C			WH	18.0	100.0	M	H	7	912500100076
DN473B	1 LED20S/840	PSE-E	C			WH	17.6	108.0	M	H	7	912500100075
DN473B	1 LED20S/840	PSED-E	C			WH	18.0	106.0	M	H	7	912500100077

[1] 'Type' value description(s): 'DN460B' = GreenSpace Mini UGR22, 'DN461B' = GreenSpace Mini UGR19, 'DN470B' = GreenSpace Compact UGR22, 'DN471B' = GreenSpace Compact UGR19

[2] 'Lamp' value description(s): 'LED11S' = LED Module, system flux 1 100 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED30S' = LED Module, system flux 3 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSE-E' = Power supply unit external, DC compatible for central emergency lighting, 'PSED-E' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'C' = High-gloss mirror, 'WR' = White reflector without louver

[5] 'Optical cover/lens type' value description(s): 'GC' = Glass cover clear, 'PGO' = Protection glass opal

[6] 'Connection' value description(s): 'CU3' = Connection unit 3-pole, 'CU5' = Connection unit 5-pole, 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'BK' = Black, 'GR' = Gray, 'SI' = Silver, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN460B	50-60	220 to 240	+/-5%	0.90	0.220	16.0	11.0	1	70 000	50 000	25 000
DN460B	50-60	220 to 240	+/-5%	0.90	0.240	14.0	11.0	1	70 000	50 000	25 000
DN461B	50-60	220 to 240	+/-5%	0.90	0.220	16.0	11.0	1	70 000	50 000	25 000
DN461B	50-60	220 to 240	+/-5%	0.90	0.240	14.0	11.0	1	70 000	50 000	25 000
DN462B	50-60	220 to 240	+/-10%	0.90	0.195	20.4	10.0	1	70 000	50 000	25 000
DN462B	50-60	220 to 240	+/-10%	0.90	0.224	15.8	9.8	1	70 000	50 000	25 000
DN463B	50-60	220 to 240	+/-10%	0.90	0.195	20.4	10.0	1	70 000	50 000	25 000
DN463B	50-60	220 to 240	+/-10%	0.90	0.224	15.8	9.8	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.050	5.0	28.2	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.050	5.2	18.6	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.700	5.3	28.2	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.220	14.5	28.2	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.220	16.0	18.6	1	70 000	50 000	25 000
DN470B	50-60	220 to 240	+/-5%	0.90	0.240	14.0	18.6	1	70 000	50 000	25 000
DN470T	50-60	220 to 240	+/-10%	0.90	0.250	18.0	19.2	1	70 000	50 000	25 000
DN470T	50-60	220 to 240	+/-10%	0.90	0.195	20.4	19.2	1	70 000	50 000	25 000
DN471B	50-60	220 to 240	+/-5%	0.90	0.220	16.0	18.6	1	70 000	50 000	25 000
DN471B	50-60	220 to 240	+/-5%	0.90	0.240	14.0	18.6	1	70 000	50 000	25 000
DN472B	50-60	220 to 240	+/-10%	0.90	0.195	20.4	18.0	1	70 000	50 000	25 000
DN472B	50-60	220 to 240	+/-10%	0.90	0.224	15.8	17.6	1	70 000	50 000	25 000
DN473B	50-60	220 to 240	+/-10%	0.90	0.195	20.4	18.0	1	70 000	50 000	25 000
DN473B	50-60	220 to 240	+/-10%	0.90	0.224	15.8	17.6	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN460B	LED11S	830	3000	80	80	(0.44, 0.40) SDCM <5	109.0	1 200	+/-10%
DN460B	LED11S	830	3000	80	80	(0.44, 0.40) SDCM <5	118.0	1 200	+/-10%
DN460B	LED11S	840	4000	80	80	(0.38, 0.38) SDCM <5	109.0	1 200	+/-10%
DN460B	LED11S	840	4000	80	80	(0.38, 0.38) SDCM <5	118.0	1 200	+/-10%
DN461B	LED11S	830	3000	80	66	(0.44, 0.40) SDCM <5	105.0	1 150	+/-10%
DN461B	LED11S	830	3000	80	66	(0.44, 0.40) SDCM <5	118.0	1 150	+/-10%
DN461B	LED11S	840	4000	80	66	(0.38, 0.38) SDCM <5	105.0	1 150	+/-10%
DN461B	LED11S	840	4000	80	66	(0.38, 0.38) SDCM <5	118.0	1 150	+/-10%
DN462B	LED11S	830	3000	80	120	(0.44, 0.40) SDCM <5	98.0	980	+/-10%
DN462B	LED11S	830	3000	80	120	(0.44, 0.40) SDCM <5	100.0	980	+/-10%
DN462B	LED11S	840	4000	80	120	(0.38, 0.38) SDCM <5	100.0	1 000	+/-10%
DN462B	LED11S	840	4000	80	120	(0.38, 0.38) SDCM <5	102.0	1 000	+/-10%
DN463B	LED11S	830	3000	80	120	(0.44, 0.40) SDCM <5	94.0	940	+/-10%
DN463B	LED11S	830	3000	80	120	(0.44, 0.40) SDCM <5	96.0	940	+/-10%
DN463B	LED11S	840	4000	80	120	(0.38, 0.38) SDCM <5	98.0	980	+/-10%
DN463B	LED11S	840	4000	80	120	(0.38, 0.38) SDCM <5	100.0	980	+/-10%
DN470B	LED20S	830	3000	80	88	(0.44, 0.40) SDCM <5	116.0	2 150	+/-10%
DN470B	LED20S	830	3000	80	88	(0.44, 0.40) SDCM <5	118.0	2 150	+/-10%
DN470B	LED20S	840	4000	80	88	(0.38, 0.38) SDCM <5	118.0	2 200	+/-10%
DN470B	LED30S	830	3000	80	88	(0.44, 0.40) SDCM <5	115.0	3 250	+/-10%
DN470B	LED30S	840	4000	80	88	(0.38, 0.38) SDCM <5	117.0	3 300	+/-10%
DN470T	LED20S	830	3000	>80	88	(0.43, 0.40) SDCM<3.5	110.0	2 100	+/-10%
DN470T	LED20S	840	4000	>80	88	(0.38, 0.38) SDCM <3.5	116.0	2 225	+/-10%
DN471B	LED20S	830	3000	80	64	(0.44, 0.40) SDCM <5	116.0	2 150	+/-10%
DN471B	LED20S	840	4000	80	64	(0.38, 0.38) SDCM <5	118.0	2 200	+/-10%
DN472B	LED20S	830	3000	80	120	(0.44, 0.40) SDCM <5	106.0	1 900	+/-10%
DN472B	LED20S	830	3000	80	120	(0.44, 0.40) SDCM <5	108.0	1 900	+/-10%
DN472B	LED20S	840	4000	80	120	(0.38, 0.38) SDCM <5	111.0	2 000	+/-10%
DN472B	LED20S	840	4000	80	120	(0.38, 0.38) SDCM <5	114.0	2 000	+/-10%
DN473B	LED20S	830	3000	80	120	(0.44, 0.40) SDCM <5	100.0	1 800	+/-10%
DN473B	LED20S	830	3000	80	120	(0.44, 0.40) SDCM <5	102.0	1 800	+/-10%
DN473B	LED20S	840	4000	80	120	(0.38, 0.38) SDCM <5	106.0	1 900	+/-10%
DN473B	LED20S	840	4000	80	120	(0.38, 0.38) SDCM <5	108.0	1 900	+/-10%

[8] 'Lamp family code' value description(s): 'LED11S' = LED Module, system flux 1 100 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED30S' = LED Module, system flux 3 000 lm

[9] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
DN460B	II	IP20	IK02	CE	ENEC	F	850/5	ROHS
DN460B	II	IP44	IK02	CE	ENEC	F	850/5	ROHS
DN461B	II	IP20	IK02	CE	ENEC	F	850/5	ROHS
DN462B	II	IP54	IK08			F		ROHS
DN463B	II	IP54	IK08			F		ROHS
DN470B	II	IP20	IK02	CE	ENEC	F	850/5	ROHS
DN470B	II	IP44	IK02	CE	ENEC	F	850/5	ROHS
DN470T	II	IP20	IK02	CE		F	650/5	ROHS
DN471B	II	IP20	IK02	CE	ENEC	F	850/5	ROHS
DN472B	II	IP54	IK08			F		ROHS
DN473B	II	IP54	IK08			F		ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP44' = Wire-protected, splash-proof, 'IP54' = Dust accumulation-protected, splash-proof

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard, 'IK08' = 5 J vandal-protected

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s, '850/5' = Temperature 850 °C, duration 5 s



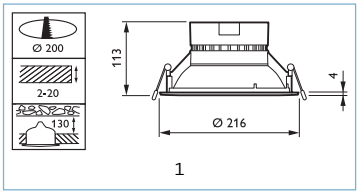
CoreLine Downlight – The clear choice for LED

The CoreLine Downlight range of recessed luminaires is designed to replace CFL-ni/CFL-i based downlight luminaires. Their attractive TCO helps customers to make the switch to LED. These luminaires create a natural lighting effect for use in general lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install thanks to their standard cut-out size and push-in connectors. InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

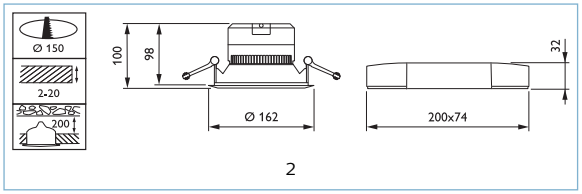
Product Range



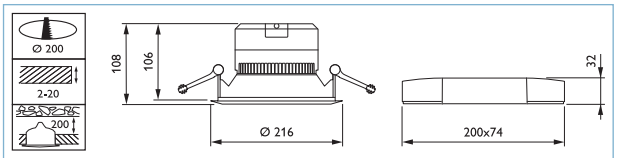
Dimension Drawing



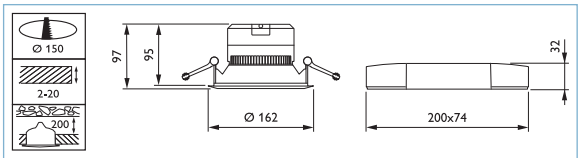
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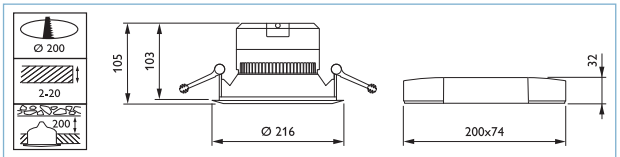
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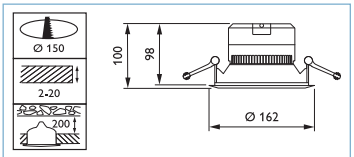
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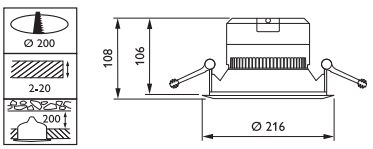
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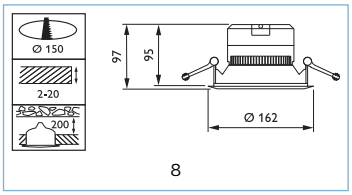
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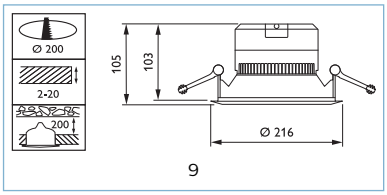
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Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC)
DN130B	830	PSR-E	WR	PI2	WH	25.0	80.0	A	1	910500**465338**
DN130B	840	PSR-E	WR	PI2	WH	25.0	80.0	A	1	910500**465339**
DN131B	830	PSR-E	C	PI2	ALU	25.0	80.0	B	1	910500**465340**
DN131B	840	PSR-E	C	PI2	ALU	25.0	80.0	B	1	910500**465341**
DN140B	830	PSED-E	C	PIP	BW	11.5	95.7	C	2	911401**639805**
DN140B	830	PSED-E	C	PIP	BW	11.5	96.0	C	2	911401**632005**
DN140B	830	PSED-E	C	PIP	BW	20.5	107.0	D	3	911401**632405**
DN140B	830	PSED-E	C	PIP	BW	20.5	107.0	D	3	911401**640005**
DN140B	830	PSED-E	WR	PIP	BW	11.5	95.7	E	4	911401**639405**
DN140B	830	PSED-E	WR	PIP	BW	11.5	96.0	E	4	911401**631205**
DN140B	830	PSED-E	WR	PIP	BW	20.5	107.0	F	5	911401**631605**
DN140B	830	PSED-E	WR	PIP	BW	20.5	107.0	F	5	911401**639605**
DN140B	830	PSU	C	PI6	BW	9.5	116.0	G	6	911401**633405**
DN140B	830	PSU	C	PI6	BW	9.5	116.0	C	6	911401**631805**
DN140B	830	PSU	C	PI6	BW	19.0	116.0	H	7	911401**633805**
DN140B	830	PSU	C	PI6	BW	19.0	116.0	D	7	911401**632205**
DN140B	830	PSU	C	PIP	BW	22.0	100.0	D	3	911401**634405**
DN140B	830	PSU	C	PIP	BW	22.0	100.0	D	3	911401**640405**
DN140B	830	PSU	WR	PI6	BW	9.5	116.0	E	8	911401**631005**
DN140B	830	PSU	WR	PI6	BW	9.5	116.0	I	6	911401**632605**
DN140B	830	PSU	WR	PI6	BW	19.0	116.0	J	7	911401**633005**
DN140B	830	PSU	WR	PI6	BW	19.0	116.0	F	9	911401**631405**
DN140B	830	PSU	WR	PIP	BW	22.0	100.0	F	5	911401**634205**
DN140B	830	PSU	WR	PIP	BW	22.0	100.0	F	5	911401**640205**
DN140B	840	PSED-E	C	PIP	BW	11.5	95.7	C	2	911401**639905**
DN140B	840	PSED-E	C	PIP	BW	11.5	96.0	C	2	911401**632105**
DN140B	840	PSED-E	C	PIP	BW	20.5	107.0	D	3	911401**632505**
DN140B	840	PSED-E	C	PIP	BW	20.5	107.0	D	3	911401**640105**
DN140B	840	PSED-E	WR	PIP	BW	11.5	95.7	E	4	911401**639505**
DN140B	840	PSED-E	WR	PIP	BW	11.5	96.0	E	4	911401**631305**
DN140B	840	PSED-E	WR	PIP	BW	20.5	107.0	F	5	911401**631705**
DN140B	840	PSED-E	WR	PIP	BW	20.5	107.0	F	5	911401**639705**
DN140B	840	PSU	C	PI6	BW	9.5	116.0	G	6	911401**633505**
DN140B	840	PSU	C	PI6	BW	9.5	116.0	C	6	911401**631905**
DN140B	840	PSU	C	PI6	BW	19.0	116.0	H	7	911401**633905**
DN140B	840	PSU	C	PI6	BW	19.0	116.0	D	7	911401**632305**
DN140B	840	PSU	C	PIP	BW	22.0	100.0	D	3	911401**634505**
DN140B	840	PSU	C	PIP	BW	22.0	100.0	D	3	911401**640505**
DN140B	840	PSU	WR	PI6	BW	9.5	116.0	I	6	911401**632705**
DN140B	840	PSU	WR	PI6	BW	9.5	116.0	E	8	911401**631105**
DN140B	840	PSU	WR	PI6	BW	19.0	116.0	J	7	911401**633105**
DN140B	840	PSU	WR	PI6	BW	19.0	116.0	F	9	911401**631505**
DN140B	840	PSU	WR	PIP	BW	22.0	100.0	F	5	911401**634305**
DN140B	840	PSU	WR	PIP	BW	22.0	100.0	F	5	911401**640305**

[1] 'Type' value description(s): '**DN130B**' = CoreLine Downlight WH, '**DN131B**' = CoreLine Downlight ALU

[2] 'Lamp' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, '**PSR-E**' = Power supply unit regulating external, '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror, '**WR**' = White reflector without louver

[5] 'Connection' value description(s): '**PI2**' = Push-in connector 2-pole, '**PI6**' = Push-in connector 6-pole, '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**ALU**' = Aluminum, '**BW**' = Black and white, '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN130B	50-60	220 to 240	+/-10%	0.90	0.320	16.0	25.0	1	50 000	30 000	15 000
DN131B	50-60	220 to 240	+/-10%	0.90	0.320	16.0	25.0	1	50 000	30 000	15 000
DN140B	50-60	220-240	+/-10%	0.90	0.250	12.0	22.0	1	50 000	43 000	20 000
DN140B	50-60	220-240	+/-10%	0.90	0.195	20.4	11.5	1	50 000	43 000	20 000
DN140B	50-60	220-240	+/-10%	0.95	0.045	2.2	9.5	1	50 000	43 000	20 000
DN140B	50-60	220-240	+/-10%	0.95	0.045	2.2	19.0	1	50 000	43 000	20 000
DN140B	50-60	220-240	+/-10%	0.95	0.195	20.4	20.5	1	50 000	43 000	20 000

Light technical data

Type	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN130B	830	3000	80	90	(0.43, 0.40) SDCM <5	80.0	2 000	+/-10%
DN130B	840	4000	80	90	(0.38, 0.37) SDCM <5	80.0	2 000	+/-10%
DN131B	830	3000	80	70	(0.43, 0.40) SDCM <5	80.0	2 000	+/-10%
DN131B	840	4000	80	70	(0.38, 0.37) SDCM <5	80.0	2 000	+/-10%
DN140B	830	3000	≥80	60	(0.4320.404) SDCM≦5	100.0	2 200	+/-10%
DN140B	830	3000	≥80	60	(0.4320.404) SDCM≦5	107.0	2 200	+/-10%
DN140B	830	3000	≥80	60	(0.4320.404) SDCM≦5	116.0	2 200	+/-10%
DN140B	830	3000	≥80	60	(0.4330.405) SDCM≦5	95.7	1 100	+/-10%
DN140B	830	3000	≥80	60	(0.4330.405) SDCM≦5	96.0	1 100	+/-10%
DN140B	830	3000	≥80	60	(0.4330.405) SDCM≦5	116.0	1 100	+/-10%
DN140B	830	3000	≥80	90	(0.4350.404) SDCM≦5	100.0	2 200	+/-10%
DN140B	830	3000	≥80	90	(0.4350.404) SDCM≦5	107.0	2 200	+/-10%
DN140B	830	3000	≥80	90	(0.4350.404) SDCM≦5	116.0	2 200	+/-10%
DN140B	830	3000	≥80	90	(0.4350.405) SDCM≦5	95.7	1 100	+/-10%
DN140B	830	3000	≥80	90	(0.4350.405) SDCM≦5	96.0	1 100	+/-10%
DN140B	830	3000	≥80	90	(0.4350.405) SDCM≦5	116.0	1 100	+/-10%
DN140B	840	4000	≥80	60	(0.3780.377) SDCM≦5	100.0	2 200	+/-10%
DN140B	840	4000	≥80	60	(0.3780.377) SDCM≦5	107.0	2 200	+/-10%
DN140B	840	4000	≥80	60	(0.3780.377) SDCM≦5	116.0	2 200	+/-10%
DN140B	840	4000	≥80	60	(0.3790.379) SDCM≦5	95.7	1 100	+/-10%
DN140B	840	4000	≥80	60	(0.3790.379) SDCM≦5	96.0	1 100	+/-10%
DN140B	840	4000	≥80	60	(0.3790.379) SDCM≦5	116.0	1 100	+/-10%
DN140B	840	4000	≥80	90	(0.3800.377) SDCM≦5	100.0	2 200	+/-10%
DN140B	840	4000	≥80	90	(0.3800.377) SDCM≦5	107.0	2 200	+/-10%
DN140B	840	4000	≥80	90	(0.3800.377) SDCM≦5	116.0	2 200	+/-10%
DN140B	840	4000	≥80	90	(0.3810.379) SDCM≦5	95.7	1 100	+/-10%
DN140B	840	4000	≥80	90	(0.3810.379) SDCM≦5	96.0	1 100	+/-10%
DN140B	840	4000	≥80	90	(0.3810.379) SDCM≦5	116.0	1 100	+/-10%

[7] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	Flammability mark[11]	Glow-wire test[12] (°C/s)	RoHS mark
DN130B	II	IP20	IK02	CE	F	850/5	ROHS
DN131B	II	IP20	IK02	CE	F	850/5	ROHS
DN140B	I	IP20	IK02	CE	F	850/5	ROHS
DN140B	I	IP20/54	IK02	CE	F	850/5	ROHS

[8] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP20/54' = Finger-protected; dust accumulation-protected, splash-proof

[10] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[11] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[12] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



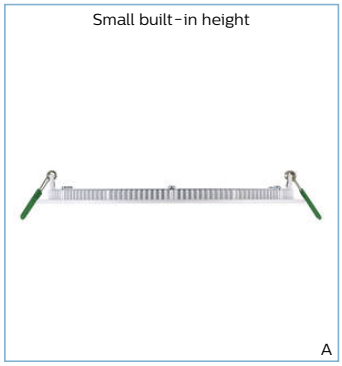
CoreLine SlimDownlight – the clear choice for LED

CoreLine SlimDownlight is a range of ultra-thin recessed luminaires designed to replace downlight luminaires based on CFL-ni/CFL-I lamp technology. The product's attractive TCO makes it easy for customers to make the switch to LED. CoreLine SlimDownlight delivers a natural 'surface of light' effect for use in general lighting applications. It also offers instant energy savings and a much longer lifetime, making it a real value-for-money and environmentally friendly solution. Installation is easy, as the luminaire fits the same size of cut-out and has an extremely small build-in depth. InterAct Ready luminaire with integrated wireless communications to be used with InterAct gateways, sensors and software.

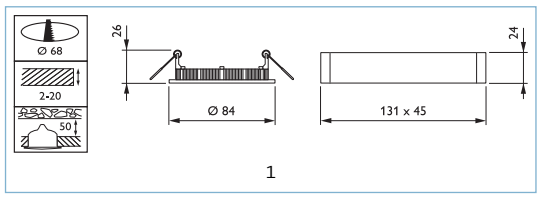
Product Range

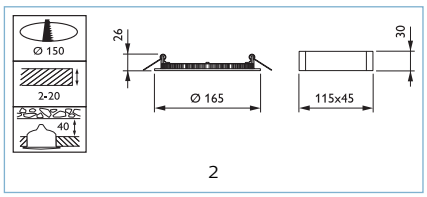


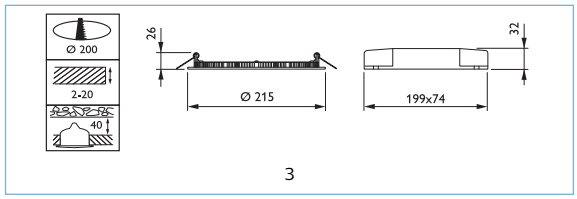
Detailed Photos

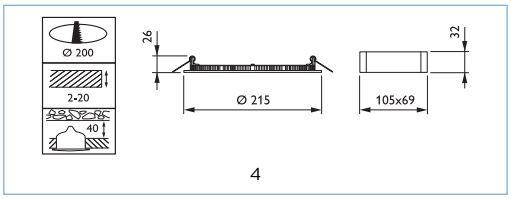


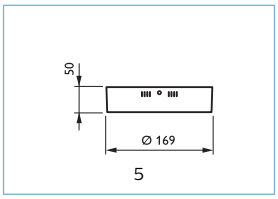
Dimension Drawing

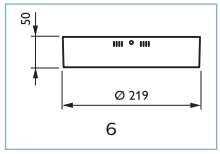












Technical Specification

Type	Lamp[1]	Driver/ power unit/ trans-former[2]	Optical cover/lens type[3]	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
DN135B	1 LED6S/830	PSR-E	O	PIP2	WH	9	72.0	A		1	910503910317
DN135B	1 LED6S/840	PSR-E	O	PIP2	WH	9	72.0	A		1	910503910318
DN135B	1 LED10S/830	PSU	O	PIP2	WH	13	77.0	B	A	2	910503910110
DN135B	1 LED10S/840	PSU	O	PIP2	WH	13	77.0	B	A	2	910503910111
DN135B	1 LED20S/830	PSU	O	PI	ALU-WH	27	70.0	C		3	912401483215
DN135B	1 LED20S/830	PSU	O	PIP2	WH	28	71.0	C	A	4	910503910112
DN135B	1 LED20S/840	PSU	O	PI	ALU-WH	27	70.0	C		3	912401483216
DN135B	1 LED20S/840	PSU	O	PIP2	WH	28	71.0	C	A	4	910503910113
DN135C	1 LED10S/830	PSU	O	PIP2	WH	13	77.0	D		5	910503910114
DN135C	1 LED10S/840	PSU	O	PIP2	WH	13	77.0	D		5	910503910115
DN135C	1 LED20S/830	PSU	O	PIP2	WH	28	71.0	E		6	910503910116
DN135C	1 LED20S/840	PSU	O	PIP2	WH	28	71.0	E		6	910503910117

[1] 'Lamp' value description(s): 'LED10S' = LED Module, system flux 1 000 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED6S' = LED Module, system flux 600 lm, '830' = 830 warm white, '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSR-E' = Power supply unit regulating external, 'PSU' = Power supply unit

[3] 'Optical cover/lens type' value description(s): 'O' = Opal

[4] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'PIP2' = Push-in connector with 2 poles and pull relief

[5] 'Accessory color' value description(s): 'ALU-WH' = Aluminum and white, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN135B	50-60	220 to 240	+/-10%	0.9	0.25	12.0	27	1	50 000	44 000	21 000
DN135B	50-60	220 to 240	+/-10%	0.9	29.00	3.4	13	1	50 000	30 000	15 000
DN135B	50-60	220 to 240	+/-10%	0.9	250.00	17.0	28	1	50 000	30 000	15 000
DN135B	50-60	220 to 240	+/-10%	0.9	300.00	7.0	9	1	50 000	30 000	15 000
DN135C	50-60	220 to 240	+/-10%	0.9	29.00	3.4	13	1	50 000	30 000	15 000
DN135C	50-60	220 to 240	+/-10%	0.9	250.00	17.0	28	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[6]	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN135B	LED6S	830	3000	>80	135	(0.42, 0.40) SDCM <5	72.0	650	+/-10%
DN135B	LED6S	840	4000	>80	135	(0.38, 0.38) SDCM <5	72.0	650	+/-10%
DN135B	LED10S	830	3000	>80	135	(0.42, 0.40) SDCM <5	77.0	1 000	+/-10%
DN135B	LED10S	840	4000	>80	135	(0.38, 0.38) SDCM <5	77.0	1 000	+/-10%
DN135B	LED20S	830	3000	>80	135	(0.42, 0.40) SDCM <5	71.0	2 000	+/-10%
DN135B	LED20S	830	3000	≥80	120	(0.42, 0.40) SDCM ≦5	70.0	2 000	+/-10%
DN135B	LED20S	840	4000	>80	135	(0.38, 0.38) SDCM <5	71.0	2 000	+/-10%
DN135B	LED20S	840	4000	≥80	120	(0.38, 0.38) SDCM ≦5	70.0	2 000	+/-10%
DN135C	LED10S	830	3000	>80	135	(0.42, 0.40) SDCM <5	77.0	1 000	+/-10%
DN135C	LED10S	840	4000	>80	135	(0.38, 0.38) SDCM <5	77.0	1 000	+/-10%
DN135C	LED20S	830	3000	>80	135	(0.42, 0.40) SDCM <5	71.0	2 000	+/-10%
DN135C	LED20S	840	4000	>80	135	(0.38, 0.38) SDCM <5	71.0	2 000	+/-10%

[6] 'Lamp family code' value description(s): 'LED10S' = LED Module, system flux 1 000 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED6S' = LED Module, system flux 600 lm

[7] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	Glow-wire test[11] (°C/s)	RoHS mark
DN135B	I	IP44	IK02	CE	650/5	ROHS
DN135B	II	IP44	IK02	CE	650/5	ROHS
DN135C	II	IP20	IK02	CE	650/5	ROHS

[8] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP44' = Wire-protected, splash-proof

[10] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

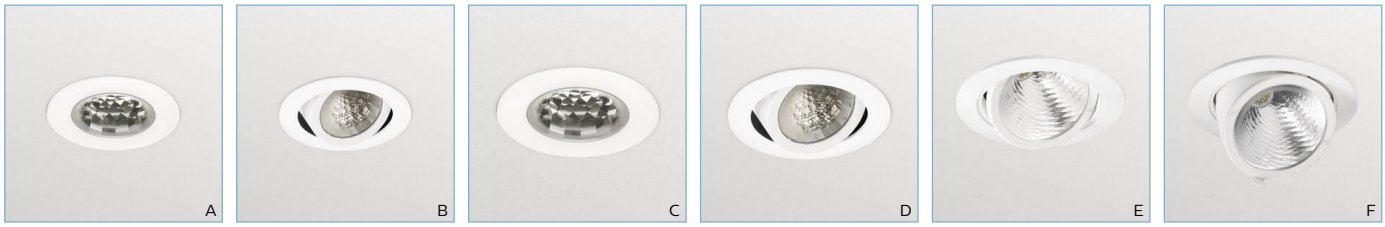
[11] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



LuxSpace Accent – the best energy-efficient range for retail applications

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energy-efficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite and PremiumWhite for fashion stores and Food recipes for supermarkets.

Product Range



Detailed Photos

Special acrylic lens with edge pattern to smoothen the edges of the beam


A


B

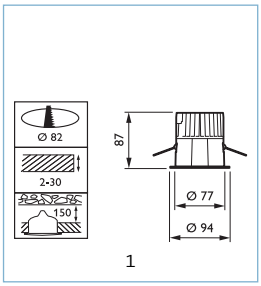

C


D

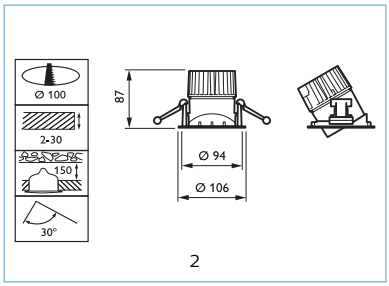
LuxSpace Accent elbow downlight, performance version


E

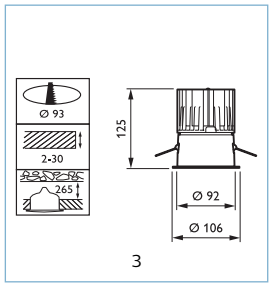
Dimension Drawing



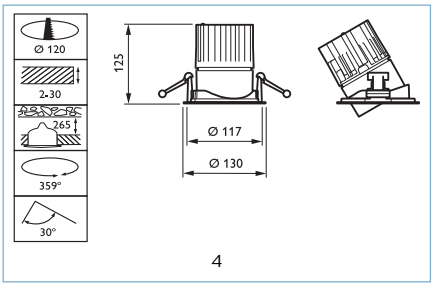
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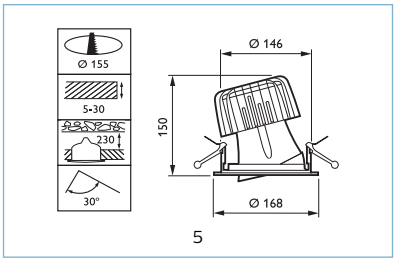
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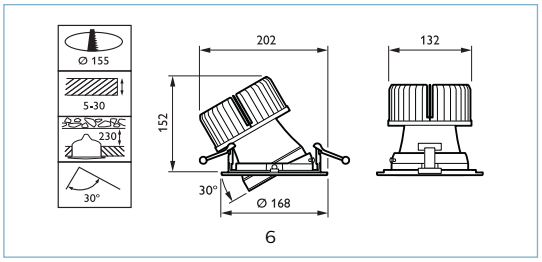
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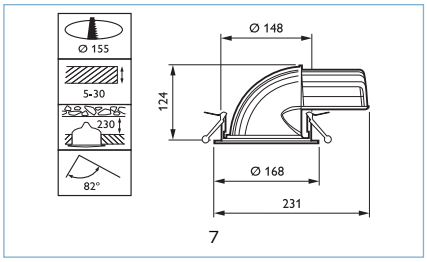
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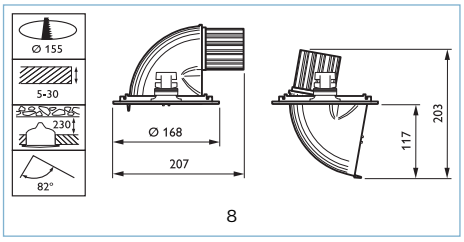
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7



8

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS730B	1 LED12S/830	PSE-E	WB		PIP	WH	9.9	116.0	A	A	1	00457285
RS730B	1 LED12S/830	PSED-E	WB		PIP	WH	9.9	116.0	A	A	1	00457286
RS730B	1 LED12S/840	PSE-E	WB		PIP	WH	12.0	124.0	A	A	1	00457291
RS730B	1 LED12S/840	PSED-E	WB		PIP	WH	12.0	124.0	A	A	1	00457292
RS730B	1 LED12S/930	PSE-E	MB		PIP	WH	12.0	100.0	A	A	1	00457289
RS731B	1 LED11S/930	PSE-E	NB	GC	PIP	WH	12.0	91.7	B	A, B	2	00457283
RS731B	1 LED12S/827	PSE-E	MB	GC	PIP	WH	10.2	118.0	B	A, B	2	00457284
RS731B	1 LED12S/830	PSE-E	WB		PIP	WH	9.9	116.0	B	A, B	2	00457287
RS731B	1 LED12S/830	PSED-E	WB		PIP	WH	9.9	116.0	B	A, B	2	00457288
RS731B	1 LED12S/840	PSE-E	WB		PIP	WH	12.0	124.0	B	A, B	2	00457293
RS731B	1 LED12S/840	PSED-E	WB		PIP	WH	12.0	124.0	B	A, B	2	00457294
RS731B	1 LED12S/930	PSE-E	MB		PIP	WH	12.0	100.0	B	A, B	2	00457290
RS740B	1 LED20S/PW9	PSE-E	NB	GC	PIP	WH	26.0	73.1	C		3	00459046
RS740B	1 LED20S/PW9	PSED-E	NB	GC	PIP	WH	26.0	73.1	C		3	00459047
RS740B	1 LED39S/PW9	PSE-E	MB	GC	PIP	WH	39.5	98.7	C		3	00459048
RS740B	1 LED49S/830	PSE-E	MB	GC	PIP	WH	43.5	113.0	C	C	3	00459052
RS740B	1 LED49S/PW9	PSE-E	MB	GC	PIP	WH	54.0	88.9	C		3	00459050
RS741B	1 LED17S/827	PSE-E	MB	GC	PIP	WH	13.6	121.0	D	B, C	4	00457332
RS741B	1 LED17S/827	PSU-E	MB	GC	PIP	WH	13.6	121.0	D	B, C	4	00457639
RS741B	1 LED17S/830	PSE-E	WB	GC	PIP	WH	12.8	133.0	D	B, C	4	00457334
RS741B	1 LED17S/840	PSE-E	WB	GC	PIP	WH	12.4	145.0	D	B, C	4	00457336
RS741B	1 LED17S/840	PSU-E	WB	GC	PIP	WH	12.4	145.0	D	B, C	4	00457640
RS741B	1 LED17S/930	PSE-E	MB	GC	PIP	WH	16.2	102.0	D	B, C	4	00457338
RS741B	1 LED17S/930	PSU-E	MB	GC	PIP	WH	16.2	102.0	D	B, C	4	00457641
RS741B	1 LED20S/930	PSE-E	NB		PIP	WH	26.0	71.2	D	B, C	4	00457331
RS741B	1 LED20S/930	PSU-E	NB	GC	PIP	WH	26.0	71.2	D	B, C		00457642
RS741B	1 LED20S/PW9	PSE-E	NB	GC	PIP	WH	26.0	73.1	D		4	00459054
RS741B	1 LED20S/PW9	PSED-E	NB	GC	PIP	WH	26.0	73.0	D		4	00459055
RS741B	1 LED27S/827	PSE-E	MB		PIP	WH	23.5	111.0	D	B, C	4	00457333
RS741B	1 LED27S/827	PSE-E	WB	LIN-OVL	PIP	WH	23.5	115.0	D	B, C	4	00457340
RS741B	1 LED27S/827	PSU-E	MB	GC	PIP	WH	23.5	111.0	D	B, C	4	00457643
RS741B	1 LED27S/827	PSU-E	WB	LIN-OVL	PIP	WH	23.5	115.0	D	B, C	4	00457644
RS741B	1 LED27S/830	PSE-E	WB		PIP	WH	22.5	120.0	D	B, C	4	00457335

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS741B	1 LED27S/840	PSE-E	WB		PIP	WH	25.0	116.0	D	B, C	4	00457337
RS741B	1 LED27S/840	PSU-E	WB	GC	PIP	WH	25.0	116.0	D	B, C	4	00457645
RS741B	1 LED27S/930	PSE-E	MB		PIP	WH	28.5	91.2	D	B, C	4	00457339
RS741B	1 LED27S/930	PSU-E	MB	GC	PIP	WH	28.5	91.2	D	B, C	4	00457646
RS741B	1 LED39S/827	PSE-E	MB		PIP	WH	32.5	120.0	D	B, C	4	00457295
RS741B	1 LED39S/827	PSE-E	WB	LIN-OVL	PIP	WH	32.5	117.0	D	B, C	4	00457299
RS741B	1 LED39S/830	PSE-E	WB		PIP	WH	31.5	124.0	D	B, C	4	00457296
RS741B	1 LED39S/840	PSE-E	WB		PIP	WH	29.5	132.0	D	B, C	4	00457297
RS741B	1 LED39S/930	PSE-E	MB		PIP	WH	39.0	100.0	D	B, C	4	00457298
RS741B	1 LED39S/PW9	PSE-E	MB	GC	PIP	WH	39.5	98.7	D		4	00459056
RS741B	1 LED49S/830	PSE-E	MB	GC	PIP	WH	43.5	113.0	D	B, C	4	00459060
RS741B	1 LED49S/PW9	PSE-E	MB	GC	PIP	WH	54.0	88.9	D		4	00459058
RS751B	1 LED39S/827	PSE-E	MB		PIP	WH	31.5	127.0	E	D	5, 6	00457302
RS751B	1 LED39S/827	PSE-E	WB	LIN-OVL	PIP	WH	31.5	124.0	E	D	5, 6	00457310
RS751B	1 LED39S/830	PSE-E	WB		PIP	WH	30.5	128.0	E	D	5, 6	00457304
RS751B	1 LED39S/840	PSE-E	VWB		PIP	WH	28.5	137.0	E	D	5, 6	00457308
RS751B	1 LED39S/930	PSE-E	MB		PIP	WH	37.5	107.0	E	D	5, 6	00457306
RS751B	1 LED40S/930	PSE-E	NB		PIP	WH	52.0	61.5	E		5, 6	00459427
RS751B	1 LED49S/827	PSE-E	MB		PIP	WH	44.0	118.0	E		5, 6	00459429
RS751B	1 LED49S/827	PSE-E	WB	LIN-OVL	PIP	WH	44.0	114.0	E		5, 6	00459437
RS751B	1 LED49S/830	PSE-E	WB		PIP	WH	42.0	119.0	E		5, 6	00459431
RS751B	1 LED49S/840	PSE-E	VWB		PIP	WH	39.5	127.0	E		5, 6	00459435
RS751B	1 LED49S/930	PSE-E	MB		PIP	WH	53.0	98.1	E		5, 6	00459433
RS752B	1 LED27S/827	PSE-E	WB	LIN-OVL	PIP	WH	23.5	119.0	F	E	7, 8	00457326
RS752B	1 LED27S/830	PSE-E	WB		PIP	WH	22.5	120.0	F	E	7, 8	00457312
RS752B	1 LED27S/840	PSE-E	VWB		PIP	WH	25.0	108.0	F	E	7, 8	00457322
RS752B	1 LED27S/930	PSE-E	MB		PIP	WH	28.5	98.2	F	E	7, 8	00457318
RS752B	1 LED39S/827	PSE-E	MB		PIP	WH	32.5	123.0	F	E	7, 8	00457316
RS752B	1 LED39S/827	PSE-E	WB	LIN-OVL	PIP	WH	32.5	120.0	F	E	7, 8	00457327
RS752B	1 LED39S/830	PSE-E	WB		PIP	WH	31.0	126.0	F	E	7, 8	00457313
RS752B	1 LED39S/840	PSE-E	VWB		PIP	WH	29.5	132.0	F	E	7, 8	00457323
RS752B	1 LED39S/930	PSE-E	MB		PIP	WH	39.0	103.0	F	E	7, 8	00457319
RS752B	1/827	PSE-E	MB		PIP	WH	40.5	116.0	F		7, 8	00459443
RS752B	1/827	PSE-E	WB	LIN-OVL	PIP	WH	40.5	116.0	F		7, 8	00459454
RS752B	1/827	PSED-E	WB	LIN-OVL	PIP	WH	40.5	116.0	F		7, 8	00459455
RS752B	1/830	PSE-E	WB		PIP	WH	39.5	119.0	F		7, 8	00459440
RS752B	1/830	PSED-E	WB		PIP	WH	39.5	119.0	F		7, 8	00459441
RS752B	1/840	PSE-E	VWB		PIP	WH	37.5	125.0	F		7, 8	00459450
RS752B	1/840	PSED-E	VWB		PIP	WH	37.5	125.0	F		7, 8	00459451
RS752B	1/930	PSE-E	MB		PIP	WH	55.0	96.9	F		7, 8	00459446
RS752B	1/930	PSED-E	MB		PIP	WH	55.0	96.9	F		7, 8	00459447

[1] 'Type' value description(s): 'RS730B' = LuxSpace Accent Mini G3, 'RS731B' = LuxSpace Accent Mini G3, 'RS740B' = LuxSpace Accent Compact G3, 'RS741B' = LuxSpace Accent Compact G3, 'RS751B' = LuxSpace Accent Performance G3, 'RS752B' = LuxSpace Accent Performance G3

[2] 'Lamp' value description(s): 'LED11S' = LED Module, system flux 1 100 lm, 'LED12S' = LED Module, system flux 1 200 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED49S' = LED Module, system flux 4 900 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSE-E' = Power supply unit external, DC compatible for central emergency lighting, 'PSED-E' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'GC' = Clear glass, 'LIN-OVL' = Linear-lens array oval shape

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS730B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	9.9	1	70 000	50 000	25 000
RS730B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	12.0	1	70 000	50 000	25 000
RS730B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	9.9	1	70 000	50 000	25 000
RS730B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	12.0	1	70 000	50 000	25 000
RS731B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	9.9	1	70 000	50 000	25 000
RS731B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	12.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS731B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	9.9	1	70 000	50 000	25 000
RS731B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	10.2	1	70 000	50 000	25 000
RS731B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	12.0	1	70 000	50 000	25 000
RS740B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	26.0	1	70 000	50 000	25 000
RS740B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	39.5	1	70 000	50 000	25 000
RS740B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	26.0	1	70 000	50 000	25 000
RS740B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	43.5	1	70 000	50 000	25 000
RS740B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	54.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.070	5.3	12.4	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.070	5.3	25.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	13.6	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	16.2	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	23.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	26.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	28.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	12.4	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	12.8	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	13.6	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	16.2	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	22.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	23.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	25.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	26.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	28.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	29.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	31.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	39.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	39.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	26.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	43.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	54.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	28.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	30.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	31.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	37.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	39.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	42.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	44.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	52.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	53.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	37.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	39.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	40.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	55.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	22.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	23.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	25.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	28.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	29.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	31.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	39.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	37.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	39.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	40.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	55.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS730B	LED12S	830	3000	≥80	36	(0.43, 0.40) SDCM <3	116.0	1 150	+/-10%
RS730B	LED12S	840	4000	≥80	36	(0.38, 0.38) SDCM <3	124.0	1 150	+/-10%
RS730B	LED12S	930	3000	≥90	30	(0.43, 0.40) SDCM <3	100.0	1 200	+/-10%
RS731B	LED11S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	91.7	1 100	+/-10%
RS731B	LED12S	827	2700	≥80	30	(0.46, 0.41) SDCM <3	118.0	1 200	+/-10%
RS731B	LED12S	830	3000	≥80	36	(0.43, 0.40) SDCM <3	116.0	1 150	+/-10%
RS731B	LED12S	840	4000	≥80	36	(0.38, 0.38) SDCM <3	124.0	1 150	+/-10%
RS731B	LED12S	930	3000	≥90	30	(0.43, 0.40) SDCM <3	100.0	1 200	+/-10%
RS740B	LED20S	PW9	3000	≥90	10	(0.42, 0.39) SDCM <3	73.1	1 900	+/-10%
RS740B	LED39S	PW9	3000	≥90	30	(0.42, 0.39) SDCM <3	98.7	3 900	+/-10%
RS740B	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
RS740B	LED49S	PW9	3000	≥90	30	(0.42, 0.39) SDCM <3	88.9	4 800	+/-10%
RS741B	LED17S	827	2700	≥80	22	(0.46, 0.41) SDCM <3	121.0	1 650	+/-10%
RS741B	LED17S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	133.0	1 700	+/-10%
RS741B	LED17S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	145.0	1 800	+/-10%
RS741B	LED17S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	102.0	1 650	+/-10%
RS741B	LED20S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	71.2	1 850	+/-10%
RS741B	LED20S	PW9	3000	≥90	10	(0.42, 0.39) SDCM <3	73.0	1 900	+/-10%
RS741B	LED20S	PW9	3000	≥90	10	(0.42, 0.39) SDCM <3	73.1	1 900	+/-10%
RS741B	LED27S	827	2700	≥80	24	(0.46, 0.41) SDCM <3	111.0	2 600	+/-10%
RS741B	LED27S	827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	115.0	2 700	+/-10%
RS741B	LED27S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	120.0	2 700	+/-10%
RS741B	LED27S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	116.0	2 900	+/-10%
RS741B	LED27S	930	3000	≥90	24	(0.43, 0.40) SDCM <3	91.2	2 600	+/-10%
RS741B	LED39S	827	2700	≥80	30	(0.46, 0.41) SDCM <3	120.0	3 900	+/-10%
RS741B	LED39S	827	2700	≥80	35x55	(0.46, 0.41) SDCM <3	117.0	3 800	+/-10%
RS741B	LED39S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	124.0	3 900	+/-10%
RS741B	LED39S	840	4000	≥80	36	(0.38, 0.38) SDCM <3	132.0	3 900	+/-10%
RS741B	LED39S	930	3000	≥90	30	(0.43, 0.40) SDCM <3	100.0	3 900	+/-10%
RS741B	LED39S	PW9	3000	≥90	30	(0.42, 0.39) SDCM <3	98.7	3 900	+/-10%
RS741B	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
RS741B	LED49S	PW9	3000	≥90	30	(0.42, 0.39) SDCM <3	88.9	4 800	+/-10%
RS751B	LED39S	827	2700	≥80	22	(0.46, 0.41) SDCM <3	127.0	4 000	+/-10%
RS751B	LED39S	827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	124.0	3 900	+/-10%
RS751B	LED39S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	128.0	3 900	+/-10%
RS751B	LED39S	840	4000	≥80	50	(0.38, 0.38) SDCM <3	137.0	3 900	+/-10%
RS751B	LED39S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	107.0	4 000	+/-10%
RS751B	LED40S	930	3000	≥90	12	(0.43, 0.40) SDCM <3	61.5	3 200	+/-10%
RS751B	LED49S	827	2700	≥80	22	(0.46, 0.41) SDCM <3	118.0	5 200	+/-10%
RS751B	LED49S	827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	114.0	5 000	+/-10%
RS751B	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	119.0	5 000	+/-10%
RS751B	LED49S	840	4000	≥80	54	(0.38, 0.38) SDCM <3	127.0	5 000	+/-10%
RS751B	LED49S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	98.1	5 200	+/-10%
RS752B		827	2700	≥80	22	(0.46, 0.41) SDCM <3	116.0	4 700	+/-10%
RS752B		827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	116.0	4 700	+/-10%
RS752B		830	3000	≥80	30	(0.43, 0.40) SDCM <3	119.0	4 700	+/-10%
RS752B		840	4000	≥80	54	(0.38, 0.38) SDCM <3	125.0	4 700	+/-10%
RS752B		930	3000	≥90	22	(0.43, 0.40) SDCM <3	96.9	4 700	+/-10%
RS752B	LED27S	827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	119.0	2 800	+/-10%
RS752B	LED27S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	120.0	2 700	+/-10%
RS752B	LED27S	840	4000	≥80	50	(0.38, 0.38) SDCM <3	108.0	2 700	+/-10%
RS752B	LED27S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	98.2	2 800	+/-10%
RS752B	LED39S	827	2700	≥80	22	(0.46, 0.41) SDCM <3	123.0	4 000	+/-10%
RS752B	LED39S	827	2700	≥80	30x60	(0.46, 0.41) SDCM <3	120.0	3 900	+/-10%
RS752B	LED39S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	126.0	3 900	+/-10%
RS752B	LED39S	840	4000	≥80	50	(0.38, 0.38) SDCM <3	132.0	3 900	+/-10%
RS752B	LED39S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	103.0	4 000	+/-10%

[8] 'Lamp family code' value description(s): '**LED11S**' = LED Module, system flux 1 100 lm, '**LED12S**' = LED Module, system flux 1 200 lm, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**LED39S**' = LED Module, system flux 3 900 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**LED49S**' = LED Module, system flux 4 900 lm

[9] 'Light source color' value description(s): '**PW9**' = Premium white with CRI ≥90, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white, '**930**' = 930 warm white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
RS730B	II	IP44	IK02	CE	ENEC	F	650/5	ROHS
RS731B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS740B	II	IP44	IK02	CE	ENEC	F	650/5	ROHS
RS741B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS751B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS752B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP44' = Wire-protected, splash-proof

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



A flexible and affordable retail toolbox

With the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Cardanic's regular cut-out and specific lumen packages make retrofit installation quick and easy. For fashion and food retailers, GreenSpace Accent Cardanic is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light. Check out our Fashion and Food catalogue pages to find out more about CrispWhite, PremiumWhite, Fresh Food Meat and Fresh Food Champagne.

Product Range



Detailed Photos

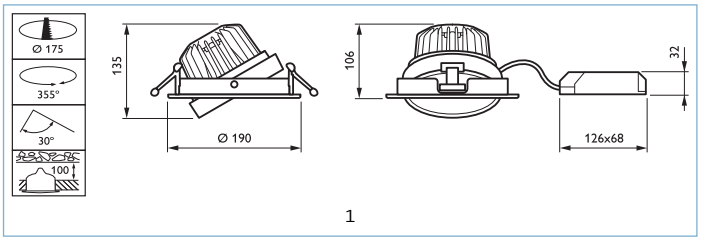

A


B

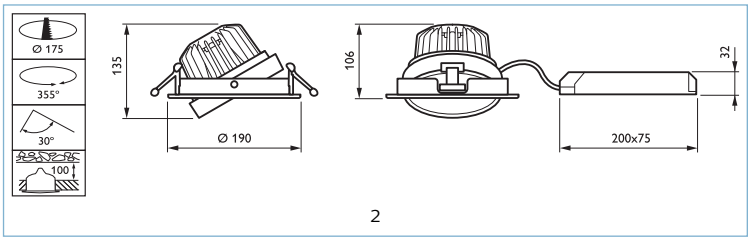

C


D

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS343B	1 LED17S/830	PSU-E	WB	PCO-SAT	WH	12.4	137.0	A-D	1	00459498
RS343B	1 LED17S/840	PSU-E	WB	PCO-SAT	WH	11.6	147.0	A-D	1	00459499
RS343B	1 LED17S/CRW	PSU-E	WB	PCO-SAT	WH	23.5	72.0	A-D	1	00459504
RS343B	1 LED17S/PW9	PSU-E	WB	PCO-SAT	WH	15.8	108.0	A-D	1	00459508
RS343B	1 LED19S/FMT	PSU-E	WB	PCO-SAT	WH	23.0	83.0	A-D	1	00459503
RS343B	1 LED26S/FMT	PSU-E	MB	PCO-SAT	WH	39.0	67.0	A-D	1	00459321
RS343B	1 LED27S/827	PSD-E	MB	PCO-SAT	WH	26.0	108.0	A-D	2	00459517
RS343B	1 LED27S/827	PSU-E	MB	PCO-SAT	WH	26.0	108.0	A-D	1	00459515
RS343B	1 LED27S/830	PSD-E	MB	PCO-SAT	WH	27.0	104.0	A-D	2	00459518
RS343B	1 LED27S/830	PSU-E	MB	PCO-SAT	WH	27.0	104.0	A-D	1	00459362
RS343B	1 LED27S/830	PSU-E	WB	PCO-SAT	WH	27.0	104.0	A-D	1	00459501
RS343B	1 LED27S/840	PSU-E	MB	PCO-SAT	WH	24.0	113.0	A-D	1	00459363
RS343B	1 LED27S/840	PSU-E	WB	PCO-SAT	WH	24.0	113.0	A-D	1	00459502
RS343B	1 LED27S/CRW	PSU-E	MB	PCO-SAT	WH	35.0	77.0	A-D	1	00459505
RS343B	1 LED27S/CRW	PSU-E	WB	PCO-SAT	WH	35.0	77.0	A-D	1	00459506
RS343B	1 LED27S/PW9	PSD-E	MB	PCO-SAT	WH	31.0	87.0	A-D	2	00459513
RS343B	1 LED27S/PW9	PSU	NB	PCO-SAT	WH	31.0	87.0	A-D	1	00459520
RS343B	1 LED27S/PW9	PSU-E	MB	PCO-SAT	WH	31.0	87.0	A-D	1	00459521
RS343B	1 LED27S/PW9	PSU-E	MB	PCO-SAT	WH	31.0	87.0	A-D	1	00459317
RS343B	1 LED27S/PW9	PSU-E	MB	PCO-SAT	WH	31.0	87.0	A-D	1	00459511
RS343B	1 LED27S/PW9	PSU-E	WB	PCO-SAT	WH	31.0	87.0	A-D	1	00459509
RS343B	1 LED27S/PW9	PSU-E	WB	PCO-SAT	WH	31.0	87.0	A-D	1	00459522
RS343B	1 LED39S/827	PSU-E	WB	PCO-SAT	WH	33.0	118.0	A-D	1	00459516
RS343B	1 LED39S/830	PSU-E	MB	PCO-SAT	WH	31.0	126.0	A-D	1	00459519
RS343B	1 LED39S/830	PSU-E	WB	PCO-SAT	WH	31.0	126.0	A-D	1	00459523
RS343B	1 LED39S/830	PSU-E	WB	PCO-SAT	WH	31.0	126.0	A-D	1	00459319
RS343B	1 LED39S/840	PSU-E	WB	PCO-SAT	WH	33.0	121.0	A-D	1	00459507
RS343B	1 LED39S/PW9	PSD-E	WB	PCO-SAT	WH	35.0	111.0	A-D	2	00459514
RS343B	1 LED39S/PW9	PSU-E	WB	PCO-SAT	WH	35.0	111.0	A-D	1	00459512
RS343B	1 LED39S/PW9	PSU-E	WB	PCO-SAT	WH	35.0	111.0	A-D	1	00459510

[1] 'Type' value description(s): 'RS343B' = GREENSPACE ACCENT CARDANIC

[2] 'Lamp' value description(s): 'CRW' = Crisp white, 'FMT' = Fresh meat, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD-E' = Power supply unit with DALI interface external, 'PSU' = Power supply unit, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'PCO-SAT' = Polycarbonate opal satinized

[6] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS343B	50-60	220 to 240	+/-10%	0.9	195	20.4	26.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	195	20.4	27.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	195	20.4	31.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	195	20.4	35.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	11.6	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	12.4	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	15.8	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	23.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	23.5	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	24.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	26.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	27.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	31.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	33.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	35.0	1	70 000	50 000	25 000
RS343B	50-60	220 to 240	+/-10%	0.9	240	18.6	39.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS343B	LED17S	830	3000	≥80	36	(0.4338, 0.4030)	137.0	1 700	+/-10%
RS343B	LED17S	840	4000	≥80	36	(0.3818, 0.3797)	147.0	1 700	+/-10%
RS343B	LED17S	CRW	3000	≥95	36	(0.4300, 0.3950)	72.0	1 700	+/-10%
RS343B	LED17S	PW9	3000	≥90	36	(0.4220, 0.3860)	108.0	1 700	+/-10%
RS343B	LED19S	FMT	3000	≥85	36	(0.397, 0.33)	83.0	1 900	+/-10%
RS343B	LED26S	FMT	3000	≥85	24	(0.397, 0.33)	67.0	2 600	+/-10%
RS343B	LED27S	827	2700	≥80	24	(0.4578, 0.4101)	108.0	2 800	+/-10%
RS343B	LED27S	830	3000	≥80	24	(0.4338, 0.4030)	104.0	2 800	+/-10%
RS343B	LED27S	830	3000	≥80	36	(0.4338, 0.4030)	104.0	2 800	+/-10%
RS343B	LED27S	840	4000	≥80	24	(0.3818, 0.3797)	113.0	2 700	+/-10%
RS343B	LED27S	840	4000	≥80	36	(0.3818, 0.3797)	113.0	2 700	+/-10%
RS343B	LED27S	CRW	3000	≥95	24	(0.4300, 0.3950)	77.0	2 700	+/-10%
RS343B	LED27S	CRW	3000	≥95	36	(0.4300, 0.3950)	77.0	2 700	+/-10%
RS343B	LED27S	PW9	3000	≥90	18	(0.4220, 0.3860)	87.0	2 700	+/-10%
RS343B	LED27S	PW9	3000	≥90	24	(0.4220, 0.3860)	87.0	2 700	+/-10%
RS343B	LED27S	PW9	3000	≥90	36	(0.4220, 0.3860)	87.0	2 700	+/-10%
RS343B	LED39S	827	2700	≥80	36	(0.4578, 0.4101)	118.0	3 900	+/-10%
RS343B	LED39S	830	3000	≥80	24	(0.4338, 0.4030)	126.0	3 900	+/-10%
RS343B	LED39S	830	3000	≥80	36	(0.4338, 0.4030)	126.0	3 900	+/-10%
RS343B	LED39S	840	4000	≥80	36	(0.3818, 0.3797)	121.0	4 000	+/-10%
RS343B	LED39S	PW9	3000	≥90	36	(0.4220, 0.3860)	111.0	3 900	+/-10%

[7] 'Lamp family code' value description(s): 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm

[8] 'Light source color' value description(s): 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
RS343B	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[9] 'Protection class IEC' value description(s): 'II' = Safety class II

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



High-performance LED Elbow spot

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energy-efficient solution for today's demanding retail environments.

Featuring an extremely compact and unobtrusive form factor, LuxSpace Accent Compact Elbow offers strong optical performance, as well as full aiming options. For fashion and food retailers, it is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light.

Product Range


A


B

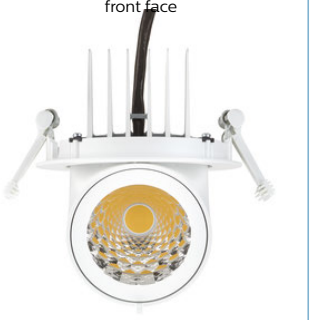

C

Detailed Photos

LuxSpace Compact Elbow, fully extracted, back face


A

LuxSpace Compact Elbow, fully extracted, front face


B

LuxSpace Compact Elbow, fully recessed, front face


C

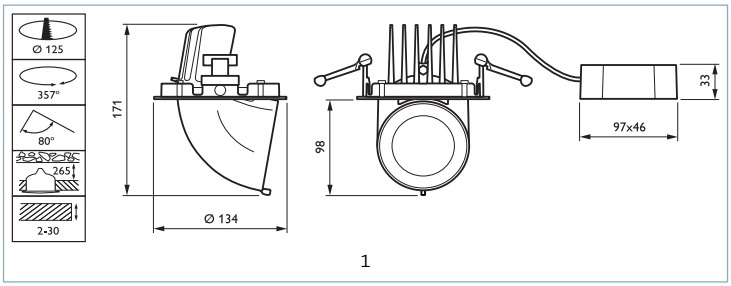
LuxSpace Compact Elbow, fully recessed, back face


D

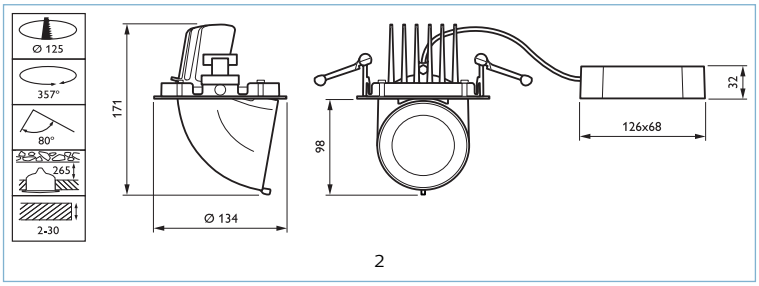
LuxSpace Compact Elbow, fully recessed


E

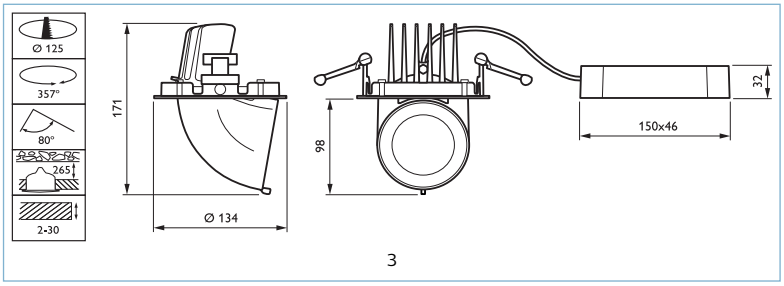
Dimension Drawing



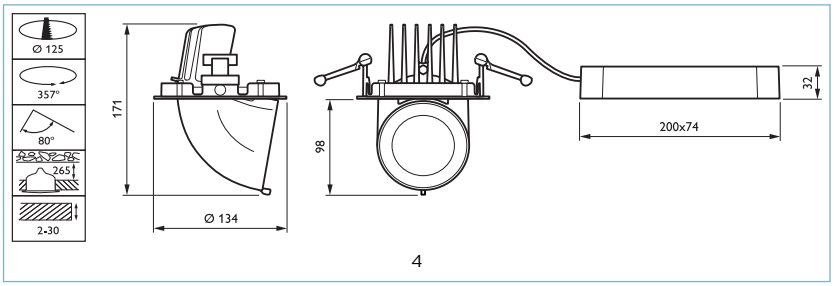
1



2



3



4

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
RS742B	1 LED12S/827	PSU-E	MB	PIP	BK	10.2	118.0	A		1	004**59488**
RS742B	1 LED15S/CRW	PSE-E	NB	PIP	BK	26.0	60.0	A		1	004**59489**
RS742B	1 LED17S/830	PSU-E	WB	PIP	WH	12.8	129.0	B	A-E	1	004**59490**
RS742B	1 LED19S/FMT	PSU-E	MB	PIP	SI	26.5	69.8	C		2	004**59491**
RS742B	1 LED20S/827	PSE-E	NB	PIP	BK	22.5	88.9	A		3	004**59492**
RS742B	1 LED26S/FMT	PSU-E	VWB	PIP	WH	40.0	65.0	B	A-E	2	004**59493**
RS742B	1 LED27S/840	PSU-E	VWB	PIP	SI	21.5	121.0	C		2	004**59494**
RS742B	1 LED39S/830	PSED-E	VWB	PIP	WH	31.5	117.0	B	A-E	4	004**59496**
RS742B	1 LED39S/PW9	PSU-E	WB	PIP	WH	38.5	98.7	B	A-E	2	004**59497**

[1] 'Type' value description(s): '**RS742B**' = LuxSpace Accent Compact G3

[2] 'Lamp' value description(s): '**CRW**' = Crisp white, '**FMT**' = Fresh meat, '**LED12S**' = LED Module, system flux 1 200 lm, '**LED15S**' = LED Module, system flux 1 500 lm, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED26S**' = LED Module, system flux 2 600 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**LED39S**' = LED Module, system flux 3 900 lm, '**PW9**' = Premium white with CRI ≥90, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSE-E**' = Power supply unit external, DC compatible for central emergency lighting, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, '**PSU-E**' = Power supply unit external

[4] 'Optic type' value description(s): '**MB**' = Medium beam, '**NB**' = Narrow beam, '**VWB**' = Very wide beam, '**WB**' = Wide beam

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**BK**' = Black, '**SI**' = Silver, '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS742B	50-60	220 to 240	+/-10%	0.9	0.055	6.0	21.5	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.055	6.0	26.5	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.055	6.0	38.5	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.055	6.0	40.0	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	22.5	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	26.0	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	10.2	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	12.8	1	70 000	50 000	25 000
RS742B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	31.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS742B	LED12S	827	2700	≥80	22	(0.46, 0.41) SDCM <3	118.0	1 200	+/-10%
RS742B	LED15S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	60.0	1 550	+/-10%
RS742B	LED17S	830	3000	≥80	33	(0.43, 0.40) SDCM <3	129.0	1 650	+/-10%
RS742B	LED19S	FMT	3000	≥80	24	(0.40, 0.33) SDCM <3	69.8	1 850	+/-10%
RS742B	LED20S	827	2700	≥80	10	(0.46, 0.41) SDCM <3	88.9	2 000	+/-10%
RS742B	LED26S	FMT	3000	≥80	54	(0.40, 0.33) SDCM <3	65.0	2 600	+/-10%
RS742B	LED27S	840	4000	≥80	60	(0.38, 0.38) SDCM <3	121.0	2 600	+/-10%
RS742B	LED39S	830	3000	≥80	60	(0.43, 0.40) SDCM <3	117.0	3 700	+/-10%
RS742B	LED39S	PW9	3000	≥80	32	(0.42, 0.39) SDCM <3	98.7	3 800	+/-10%

[7] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm

[8] 'Light source color' value description(s): 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
RS742B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[9] 'Protection class IEC' value description(s): 'II' = Safety class II

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



A flexible and affordable retail toolbox

Thanks to the GreenSpace Accent family, retailers and building operators can make the switch from CDM to LED and enjoy Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Elbow's regular cut-out makes retrofit installation quick and easy by a single installer. For food retailers, GreenSpace Accent Elbow comes with special light recipes to enhance the store ambiance and show the produce in the very best light: Fresh Food Champagne is the perfect solution for displaying fruit, vegetables, cheese, bread and pastries in a warm lighting ambiance, while Fresh Food Meat creates the best light setting for meat enhancement in a cool natural ambiance. Fashion retailers can also choose from a variety of light flavors: CrispWhite is the clear choice to make colors appear rich and intense while keeping whites bright, and PremiumWhite is the best CDM alternative for high color rendering in a warm lighting ambiance.

Product Range


A


B


C

Detailed Photos


A


B


C


D


E

GreenSpace Accent elbow, fully recessed


F

GreenSpace Accent elbow, extracted


G

GreenSpace Accent elbow, fully recessed

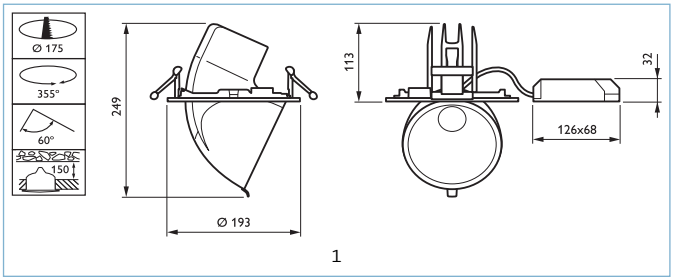

H

GreenSpace Accent elbow, extracted

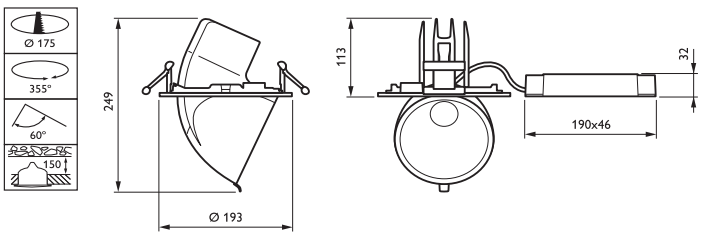


I

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS342B	1 LED17S/830	PSU-E	MB	ACC	PIP	BK	15	113.0	A	A-E	1	00456512
RS342B	1 LED17S/830	PSU-E	MB	ACC	PIP	SI	15	113.0	B	B, D-G	1	00456520
RS342B	1 LED17S/830	PSU-E	MB	ACC	PIP	WH	15	113.0	C	B, D, E, H, I	1	00456516
RS342B	1 LED17S/830	PSU-E	WB	ACC	PIP	BK	15	113.0	A	A-E	1	00456514
RS342B	1 LED17S/830	PSU-E	WB	ACC	PIP	BK	15	113.0	A	A-E	1	00456515
RS342B	1 LED17S/830	PSU-E	WB	ACC	PIP	WH	15	113.0	C	B, D, E, H, I	1	00456518
RS342B	1 LED17S/830	PSU-E	WB	ACC	PIP	WH	15	113.0	C	B, D, E, H, I	1	00456522
RS342B	1 LED17S/840	PSU-E	MB	ACC	PIP	BK	15	113.0	A	A-E	1	00456513
RS342B	1 LED17S/840	PSU-E	MB	ACC	PIP	SI	15	113.0	B	B, D-G	1	00456521
RS342B	1 LED17S/840	PSU-E	MB	ACC	PIP	WH	15	113.0	C	B, D, E, H, I	1	00456517
RS342B	1 LED17S/840	PSU-E	WB	ACC	PIP	WH	15	113.0	C	B, D, E, H, I	1	00456519
RS342B	1 LED17S/840	PSU-E	WB	ACC	PIP	WH	26	65.0	C	B, D, E, H, I	1	00456523
RS342B	1 LED17S/CRW	PSU-E	MB	ACC	PIP	WH	24	71.0	C	B, D, E, H, I	1	00457560
RS342B	1 LED17S/CRW	PSU-E	WB	ACC	PIP	WH	24	71.0	C	B, D, E, H, I	1	00457561
RS342B	1 LED17S/PW9	PSU-E	MB	ACC	PIP	WH	19	89.0			1	00458884
RS342B	1 LED17S/PW9	PSU-E	WB	ACC	PIP	WH	19	89.0	C		1	00459011
RS342B	1 LED19S/FMT	PSU-E	WB	ACC	PIP	WH	26	73.0	C	B, D, E, H, I	1	00457072
RS342B	1 LED26S/FMT	PSU-E	MB	ACC	PIP	WH	39	67.0	C		1	00458885
RS342B	1 LED27S/827	PSU-E	MB	ACC	PIP	WH	26	104.0	C		1	00458816
RS342B	1 LED27S/830	PSU-E	MB	ACC	PIP	BK	27	100.0	A	A-E	1	00456524
RS342B	1 LED27S/830	PSU-E	MB	ACC	PIP	SI	27	100.0	B	B, D-G	1	00456532
RS342B	1 LED27S/830	PSU-E	MB	ACC	PIP	WH	27	100.0	C	B, D, E, H, I	1	00456528
RS342B	1 LED27S/830	PSU-E	WB	ACC	PIP	BK	27	100.0	A	A-E	1	00456526
RS342B	1 LED27S/830	PSU-E	WB	ACC	PIP	SI	27	100.0	B	B, D-G	1	00456534
RS342B	1 LED27S/830	PSU-E	WB	ACC	PIP	WH	27	100.0	C	B, D, E, H, I	1	00456530
RS342B	1 LED27S/840	PSU-E	MB	ACC	PIP	BK	24	113.0	A	A-E	1	00456525
RS342B	1 LED27S/840	PSU-E	MB	ACC	PIP	SI	24	113.0	B	B, D-G	1	00456533

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS342B	1 LED27S/840	PSU-E	MB	ACC	PIP	WH	24	113.0	C	B, D, E, H, I	1	00456529
RS342B	1 LED27S/840	PSU-E	WB	ACC	PIP	BK	24	113.0	A	A-E	1	00456527
RS342B	1 LED27S/840	PSU-E	WB	ACC	PIP	SI	24	113.0	B	B, D-G	1	00456535
RS342B	1 LED27S/840	PSU-E	WB	ACC	PIP	WH	24	113.0	C	B, D, E, H, I	1	00456531
RS342B	1 LED27S/CH	PSU-E	WB	ACC	PIP	WH	45	60.0	C	B, D, E, H, I	1	00457060
RS342B	1 LED27S/CRW	PSU-E	MB	ACC	PIP	WH	35	77.0	C	B, D, E, H, I	1	00457562
RS342B	1 LED27S/CRW	PSU-E	WB	ACC	PIP	WH	35	77.0	C	B, D, E, H, I	1	00457563
RS342B	1 LED27S/PW9	PSD-E	MB	ACC	PIP	WH	31	87.0	C		2	00459018
RS342B	1 LED27S/PW9	PSU-E	MB	ACC	PIP	WH	31	87.0	C		1	00459017
RS342B	1 LED27S/PW9	PSU-E	MB	ACC	PIP	WH	31	87.0	C		1	00458817
RS342B	1 LED27S/PW9	PSU-E	WB	ACC	PIP	WH	31	87.0	C		1	00459012
RS342B	1 LED35S/830	PSU-E	MB	ACC	PIP	BK	33	106.0	A	A-E	2	00456536
RS342B	1 LED35S/830	PSU-E	MB	ACC	PIP	SI	33	106.0	B	B, D-G	2	00456544
RS342B	1 LED35S/830	PSU-E	MB	ACC	PIP	WH	33	106.0	C	B, D, E, H, I	2	00456540
RS342B	1 LED35S/830	PSU-E	WB	ACC	PIP	BK	33	106.0	A	A-E	2	00456538
RS342B	1 LED35S/830	PSU-E	WB	ACC	PIP	SI	33	106.0	B	B, D-G	2	00456546
RS342B	1 LED35S/830	PSU-E	WB	ACC	PIP	WH	33	106.0	C	B, D, E, H, I	2	00456542
RS342B	1 LED35S/840	PSU-E	MB	ACC	PIP	BK	29	121.0	A	A-E	2	00456537
RS342B	1 LED35S/840	PSU-E	MB	ACC	PIP	SI	29	121.0	B	B, D-G	2	00456545
RS342B	1 LED35S/840	PSU-E	MB	ACC	PIP	WH	29	121.0	C	B, D, E, H, I	2	00456541
RS342B	1 LED35S/840	PSU-E	WB	ACC	PIP	BK	29	121.0	A	A-E	2	00456539
RS342B	1 LED35S/840	PSU-E	WB	ACC	PIP	SI	29	121.0	B	B, D-G	2	00456547
RS342B	1 LED35S/840	PSU-E	WB	ACC	PIP	WH	29	121.0	C	B, D, E, H, I	2	00456543
RS342B	1 LED39S/827	PSU-E	WB	ACC	PIP	WH	37	105.0	C		1	00459013
RS342B	1 LED39S/830	PSU-E	MB	ACC	PIP	WH	34	115.0	C		1	00458889
RS342B	1 LED39S/830	PSU-E	WB	ACC	PIP	WH	34	115.0	C		1	00459014
RS342B	1 LED39S/840	PSU-E	MB	ACC	PIP	WH	33	118.0	C		1	00458890
RS342B	1 LED39S/840	PSU-E	WB	ACC	PIP	WH	33	118.0	C		1	00459015
RS342B	1 LED39S/CRW	PSU-E	MB	ACC	PIP	WH	51	76.0	C		1	00457564
RS342B	1 LED39S/CRW	PSU-E	WB	ACC	PIP	WH	51	76.0	C		1	00457565
RS342B	1 LED39S/PW9	PSD-E	WB	ACC	PIP	WH	39	100.0	C		2	00459020
RS342B	1 LED39S/PW9	PSU-E	MB	ACC	PIP	WH	39	100.0	C		1	00458819
RS342B	1 LED39S/PW9	PSU-E	WB	ACC	PIP	WH	39	100.0	C		1	00459019
RS342B	1 LED39S/PW9	PSU-E	WB	ACC	PIP	WH	39	100.0	C		1	00459016

[1] 'Type' value description(s): 'RS342B' = GreenSpace Accent Elbow

[2] 'Lamp' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED35S' = LED Module, system flux 3 500 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD-E' = Power supply unit with DALI interface external, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'ACC' = Acrylic bowl/cover clear

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	15	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	19	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	24	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	26	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	27	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	29	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	31	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	33	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	34	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	35	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	37	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.240	18.6	39	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS342B	50-60	220-240	+/-10%	0.9	0.280	23.0	45	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.280	23.0	51	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.195	20.4	31	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.195	20.4	39	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS342B	LED17S	830	3000	≥80	24	(0.43, 0.40) SDCM<3	113.0	1 700	+/-10%
RS342B	LED17S	830	3000	≥80	36	(0.38, 0.38) SDCM<3	113.0	1 700	+/-10%
RS342B	LED17S	830	3000	≥80	36	(0.43, 0.40) SDCM<3	113.0	1 700	+/-10%
RS342B	LED17S	840	4000	≥80	24	(0.38, 0.38) SDCM<3	113.0	1 700	+/-10%
RS342B	LED17S	840	4000	≥80	36	(0.38, 0.38) SDCM<3	65.0	1 700	+/-10%
RS342B	LED17S	840	4000	≥80	36	(0.38, 0.38) SDCM<3	113.0	1 700	+/-10%
RS342B	LED17S	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	71.0	1 700	+/-10%
RS342B	LED17S	CRW	3000	≥95	36	(0.43, 0.40) SDCM<3	71.0	1 700	+/-10%
RS342B	LED17S	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	89.0	1 700	+/-10%
RS342B	LED17S	PW9	3000	≥90	36	(0.42, 0.39) SDCM<3	89.0	1 700	+/-10%
RS342B	LED19S	FMT	3000	≥80	36	(0.40, 0.33) SDCM<3	73.0	1 900	+/-10%
RS342B	LED26S	FMT	3000	≥80	24	(0.40, 0.33) SDCM<3	67.0	2 600	+/-10%
RS342B	LED27S	827	2700	≥80	24	(0.46, 0.41) SDCM<3	104.0	2 700	+/-10%
RS342B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM<3	100.0	2 700	+/-10%
RS342B	LED27S	830	3000	≥80	36	(0.43, 0.40) SDCM<3	100.0	2 700	+/-10%
RS342B	LED27S	840	4000	≥80	24	(0.38, 0.38) SDCM<3	113.0	2 700	+/-10%
RS342B	LED27S	840	4000	≥80	36	(0.38, 0.38) SDCM<3	113.0	2 700	+/-10%
RS342B	LED27S	CH	2700	≥80	36	(0.46, 0.39) SDCM <3	60.0	2 700	+/-10%
RS342B	LED27S	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	77.0	2 700	+/-10%
RS342B	LED27S	CRW	3000	≥95	36	(0.43, 0.40) SDCM<3	77.0	2 700	+/-10%
RS342B	LED27S	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	87.0	2 700	+/-10%
RS342B	LED27S	PW9	3000	≥90	36	(0.42, 0.39) SDCM<3	87.0	2 700	+/-10%
RS342B	LED35S	830	3000	≥80	24	(0.43, 0.40) SDCM<3	106.0	3 500	+/-10%
RS342B	LED35S	830	3000	≥80	36	(0.43, 0.40) SDCM<3	106.0	3 500	+/-10%
RS342B	LED35S	840	4000	≥80	24	(0.38, 0.38) SDCM<3	121.0	3 500	+/-10%
RS342B	LED35S	840	4000	≥80	36	(0.38, 0.38) SDCM<3	121.0	3 500	+/-10%
RS342B	LED39S	827	2700	≥80	36	(0.46, 0.41) SDCM<3	105.0	3 900	+/-10%
RS342B	LED39S	830	3000	≥80	24	(0.43, 0.40) SDCM<3	115.0	3 900	+/-10%
RS342B	LED39S	830	3000	≥80	36	(0.43, 0.40) SDCM<3	115.0	3 900	+/-10%
RS342B	LED39S	840	4000	≥80	24	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
RS342B	LED39S	840	4000	≥80	36	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
RS342B	LED39S	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	76.0	3 900	+/-10%
RS342B	LED39S	CRW	3000	≥95	36	(0.43, 0.40) SDCM<3	76.0	3 900	+/-10%
RS342B	LED39S	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	100.0	3 900	+/-10%
RS342B	LED39S	PW9	3000	≥90	36	(0.42, 0.39) SDCM<3	100.0	3 900	+/-10%

[8] 'Lamp family code' value description(s): '**LED17S**' = LED Module, system flux 1 700 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED26S**' = LED Module, system flux 2 600 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**LED35S**' = LED Module, system flux 3 500 lm, '**LED39S**' = LED Module, system flux 3 900 lm

[9] 'Light source color' value description(s): '**CH**' = Champagne, '**CRW**' = Crisp white, '**FMT**' = Fresh meat, '**PW9**' = Premium white with CRI ≥90, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Glow-wire test[13] (°C/s)	RoHS mark
RS342B	II	IP20	IK02	CE	ENEC	650/30	ROHS

[10] 'Protection class IEC' value description(s): '**II**' = Safety class II

[11] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[12] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[13] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



LuxSpace Accent Fresh Food – Bring your food produce to life

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Food retailers generally want superior light sources that illuminate their fresh food counters in the freshest way possible, making food appealing while keeping the light ambiance attractive and welcoming. When a warm light ambiance is preferred, Fresh Food Champagne is the perfect LED solution to light fruit, vegetables, cheese, bread and pastries. Fresh Food Rose is a perfect warm-light solution for meat counters, enhancing the redness of meat but also slowing down the discoloration of sliced meat. When a brighter or more natural light ambiance is preferred, Fresh Food Authentic White is recommended for fruits, vegetables, cheeses, bread and pastries. Fresh Food Meat creates the best light setting for meat enhancement in a cooler ambiance.

Product Range


A


B


C


D

Detailed Photos


A

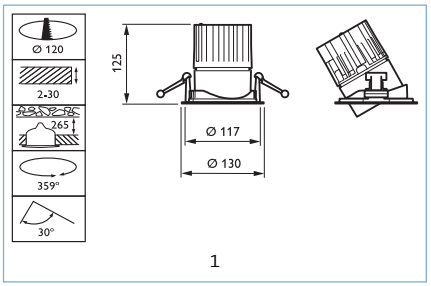

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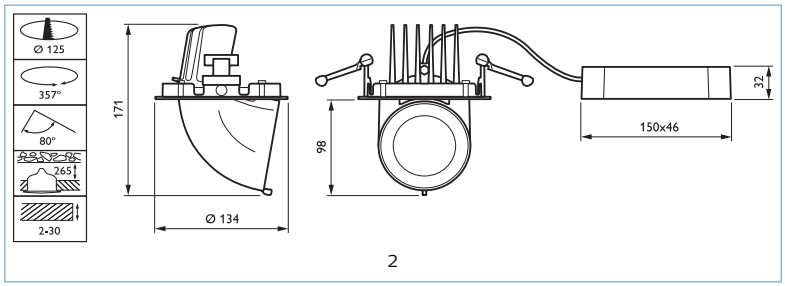

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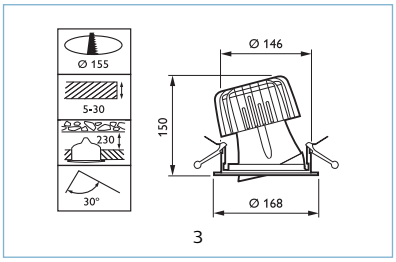
Dimension Drawing



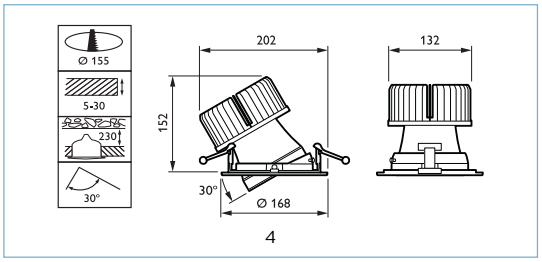
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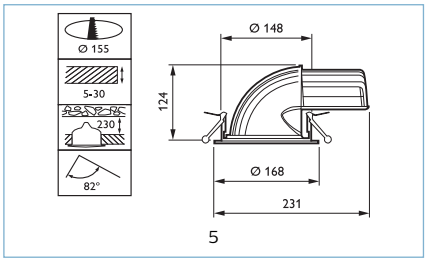
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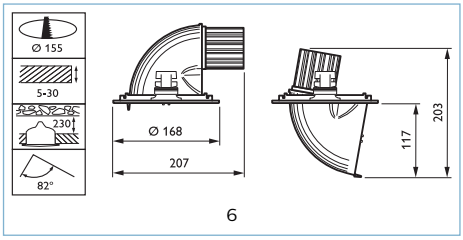
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5



6

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS741B	1 LED17S/CH	PSU-E	MB		PIP	WH	23.5	70.2	A		1	00457090
RS741B	1 LED19S/FMT	PSU-E	WB		PIP	WH	26.5	69.8	A		1	00457091
RS741B	CH	PSU-E	MB	GC	PIP	WH	13.6	121.0	A		1	00465315
RS742B	CH	PSE-E	MB	GC	PIP	WH	23.5	115.0	B	A-E	2	00465316
RS751B	1 LED19S/ROSE	PSE-E	VWB		PIP	WH	31.0	61.3	C		3, 4	00459457
RS751B	1 LED19S/ROSE	PSE-E	WB		PIP	WH	31.0	61.3	C		3, 4	00459456
RS751B	1 LED19S/ROSE	PSE-E	WB	LIN-OVL	PIP	WH	31.0	61.3	C		3, 4	00459458
RS751B	1 LED26S/FMT	PSED-E	WB	LIN-OVL	PIP	WH	37.5	69.3	C		3, 4	00459420
RS751B	1 LED26S/ROSE	PSE-E	WB		PIP	WH	48.0	54.2	C		3, 4	00459459
RS751B	1 LED27S/CH	PSE-E	WB	GC	PIP	WH	23.5	115.0	C		4	00465317
RS752B	1/ROSE	PSE-E	VWB		PIP	WH	48.0	54.2	D		5, 6	00459462
RS752B	1/ROSE	PSE-E	WB		PIP	WH	31.0	61.3	D		5, 6	00459460
RS752B	1/ROSE	PSE-E	WB		PIP	WH	48.0	54.2	D		5, 6	00459461

[1] 'Type' value description(s): 'RS741B' = LuxSpace Accent Compact G3, 'RS742B' = LuxSpace Accent Compact G3, 'RS751B' = LuxSpace Accent Performance G3, 'RS752B' = LuxSpace Accent Performance G3

[2] 'Lamp' value description(s): 'CH' = Champagne, 'FMT' = Fresh meat, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'ROSE' = Rosé

[3] 'Driver/power unit/transformer' value description(s): 'PSE-E' = Power supply unit external, DC compatible for central emergency lighting, 'PSED-E' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'GC' = Clear glass, 'LIN-OVL' = Linear-lens array oval shape

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	23.5	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.700	5.3	26.5	1	70 000	50 000	25 000
RS741B	50-60	220-240	+/-10%	0.9	0.700	5.3	13.6	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS742B	50-60	220-240	+/-10%	0.9	0.220	14.5	23.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.250	32.0	31.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.250	32.0	48.0	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	37.5	1	70 000	50 000	25 000
RS751B	50-60	220-240	+/-10%	0.9	0.220	14.5	23.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.250	32.0	31.0	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.250	32.0	48.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS741B		CH	2500	≥90	24	(0.46, 0.39) SDCM <3	121.0	1 650	+/-10%
RS741B	LED17S	CH	2500	≥90	24	(0.46, 0.39) SDCM <3	70.2	1 650	+/-10%
RS741B	LED19S	FMT	3000	≥85	36	(0.40, 0.33) SDCM <3	69.8	1 850	+/-10%
RS742B		CH	2500	≥80	28	(0.46, 0.39) SDCM <3	115.0	2 700	+/-10%
RS751B	LED19S	ROSE	2200	≥80	30x60	(0.48, 0.38)	61.3	1 900	+/-10%
RS751B	LED19S	ROSE	2200	≥80	41	(0.48, 0.38)	61.3	1 900	+/-10%
RS751B	LED19S	ROSE	2200	≥80	54	(0.48, 0.38)	61.3	1 900	+/-10%
RS751B	LED26S	FMT	3000	≥85	30x60	(0.397, 0.33)	69.3	2 600	+/-10%
RS751B	LED26S	ROSE	2200	≥80	40	(0.48, 0.38)	54.2	2 600	+/-10%
RS751B	LED27S	CH	2500	≥90	36	(0.457, 0.385)	115.0	2 700	+/-10%
RS752B		ROSE	2200	≥80	41	(0.48, 0.38)	54.2	2 600	+/-10%
RS752B		ROSE	2200	≥80	41	(0.48, 0.38)	61.3	1 900	+/-10%
RS752B		ROSE	2200	≥80	54	(0.48, 0.38)	54.2	2 600	+/-10%

[8] 'Lamp family code' value description(s): 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED26S' = LED Module, system flux 2 600 lm, 'LED27S' = LED Module, system flux 2 700 lm

[9] 'Light source color' value description(s): 'CH' = Champagne, 'FMT' = Fresh meat, 'ROSE' = Rosé

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
RS741B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS742B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS751B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS752B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



CoreLine Recessed Spot – the clear choice for LED

CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Product Range


A


B


C


D


E


F


G

Detailed Photos

CoreLine_Recessed_Spot-RS140_RS141B-DPP.tif


A

CoreLine_Recessed_Spot-RS140B_Fixed_ALU-DPP.TIF


B

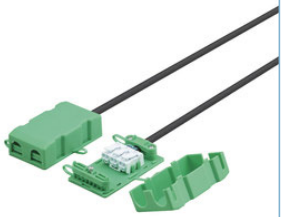
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C

CoreLine_Recessed_Spot-RS140_RS141B-2DPP.TIF


D

CoreLine_Recessed_Spot-RS140_RS141B-1DPP.TIF


E

CoreLine_Recessed_Spot-RS140B-DPP.tif

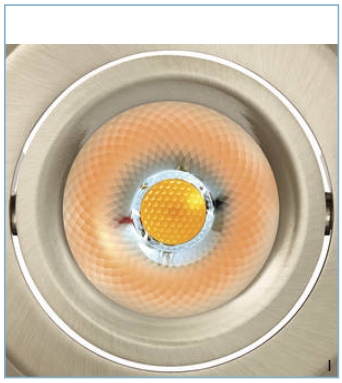

F

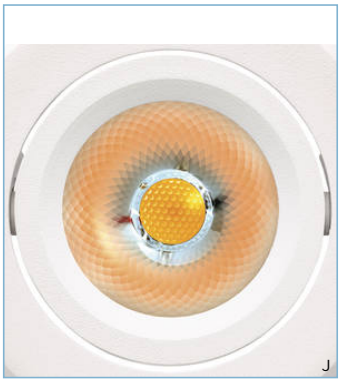
CoreLine_Recessed_Spot-RS140Z-1DPP.TIF


G

CoreLine_Recessed_Spot-RS141B-DPP.tif


H


I


J

CoreLine_Recessed_Spot-RS141B_Adjustable_ALU-DPP.TIF


K

CoreLine_Recessed_Spot-RS140Z-4DPP.TIF


L

CoreLine_Recessed_Spot-RS140Z-2DPP.TIF


M

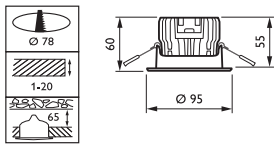
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N

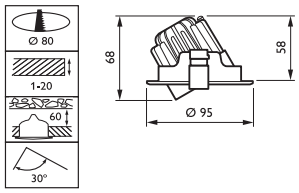
CoreLine_Recessed_Spot-RS140B_Fixed_WH-DPP.TIF


O

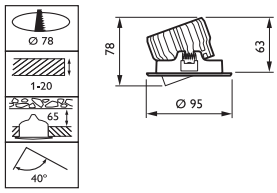
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC)
RS140B	827	PSR	32		PI6	ALU	8	82.0	A	A-F	1	912401483045
RS140B	827	PSR	32		PI6	WH	8	82.0	B	A, D-G	1	912401483031
RS140B	830	PSR	32		PI6	ALU	8	82.0	A	A-F	1	912401483046
RS140B	830	PSR	32		PI6	ALU	11	82.0	A	A-F	1	912401483051
RS140B	830	PSR	32		PI6	WH	8	82.0	B	A, D-G	1	912401483032
RS140B	830	PSR	32		PI6	WH	11	82.0	B	A, D-F, H	1	912401483039
RS140B	830	PSR	36		PI6	ALU	15	82.0	C	A-E, H	2	912401483053
RS140B	830	PSR	36		PI6	WH	15	82.0	B	A, D-G	2	912401483043
RS140B	840	PSR	32		PI6	ALU	8	82.0	A	A-F	1	912401483047
RS140B	840	PSR	32		PI6	ALU	11	82.0	A	A-F	1	912401483052
RS140B	840	PSR	32		PI6	WH	8	82.0	B	A, D-G	1	912401483033
RS140B	840	PSR	32		PI6	WH	11	82.0	B	A, D-F	1	912401483040
RS140B	840	PSR	36		PI6	ALU	15	82.0	C	A-E, H	2	912401483054
RS140B	840	PSR	36		PI6	WH	15	82.0	B	A, D-G	2	912401483044
RS141B	1 LED6/827	PSR	32	PCC	PI6	ALU	10	65.0	D	I	2	910503910061
RS141B	1 LED6/830	PSR	32	PCC	PI6	ALU	10	65.0	D	I	2	910503910062
RS141B	1 LED12S/840	PSR	32	PCC	PI6	WH	16	75.0	E	J	2	910503910149
RS141B	827	PSR	32		PI6	ALU	8	82.0	F	A, D, E, H, K, L	3	912401483048
RS141B	827	PSR	32		PI6	WH	8	82.0	C	A, D, E, H, M	3	912401483034
RS141B	830	PSR	32		PI6	ALU	8	82.0	F	A, D, E, H, K, L	3	912401483049
RS141B	830	PSR	32		PI6	WH	8	82.0	C	A, D, E, H, M	3	912401483035
RS141B	830	PSR	32		PI6	WH	11	82.0	C	A, D, E, H, M	3	912401483037
RS141B	830	PSR	36		PI6	WH	15	82.0	C	A, D, E, H, M	3	912401483041
RS141B	840	PSR	32		PI6	ALU	8	82.0	F	A, D, E, H, K, L	3	912401483050

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
RS141B	840	PSR	32		PI6	WH	8	82.0	C	A, D, E, H, M	3	9124014**83036**
RS141B	840	PSR	32		PI6	WH	11	82.0	C	A, D, E, H, M	3	9124014**83038**
RS141B	840	PSR	36		PI6	WH	15	82.0	C	A, D, E, H, M	3	9124014**83042**
RS142B	827	PSR	32		PI6	WH	8	82.0	G	A, D, E, N, O	2	9124014**83119**
RS142B	830	PSR	32		PI6	WH	8	82.0	G	A, D, E, N, O	2	9124014**83120**

[1] 'Type' value description(s): 'RS140B' = CORELINE FIXED

[2] 'Lamp' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED6' = LED Module 600 lm, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSR' = Power supply unit regulating

[4] 'Optic type' value description(s): '32' = Beam angle 32°, '36' = Beam angle 36°

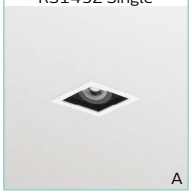
[5] 'Optical cover/lens type' value description(s): 'PCC' = Polycarbonate bowl/cover clear

[6] 'Connection' value description(s): 'PI6' = Push-in connector 6-pole

[7] 'Accessory color' value description(s): 'ALU' = Aluminum, 'WH' = White

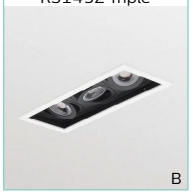
Accessory Range

RS143Z Single



A

RS143Z Triple



B

RS143Z Double



C

Accessory Specification

Type	Accessory color[8]	Material[9]	CE mark	Mech. impact protection code[10]	IP Classification[11]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9124...)
RS143Z	WH	ALU	CE	IK03	IP20	A	CC / 18	*014***83212**
RS143Z	WH	ALU	CE	IK03	IP20	B	CC / 6	*014***83214**
RS143Z	WH	ALU	CE	IK03	IP20	C	CC / 12	*014***83213**

[8] 'Accessory color' value description(s): 'WH' = White

[9] 'Material' value description(s): 'ALU' = Aluminum

[10] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS140B	50-60	220 to 240	+/-10%	0.9	500	7	8	1.5	50 000	30 000	15 000
RS140B	50-60	220 to 240	+/-10%	0.9	500	7	11	1.5	50 000	30 000	15 000
RS140B	50-60	220 to 240	+/-10%	0.9	500	7	15	1.5	50 000	30 000	15 000
RS141B	50-60	220 to 240	+/-10%	0.9	500	7	8	1.5	50 000	30 000	15 000
RS141B	50-60	220 to 240	+/-10%	0.9	500	7	10	1.5	50 000	30 000	15 000
RS141B	50-60	220 to 240	+/-10%	0.9	500	7	11	1.5	50 000	30 000	15 000
RS141B	50-60	220 to 240	+/-10%	0.9	500	7	15	1.5	50 000	30 000	15 000
RS141B	50-60	220 to 240	+/-10%	0.9	500	7	16	1.5	50 000	30 000	15 000
RS142B	50-60	220 to 240	+/-10%	0.9	500	7	8	1.5	50 000	30 000	15 000

Light technical data

Type	Lamp family code[12]	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS140B		827	2700	85	32	(0.46, 0.41) SDCM <5	82.0	650	+/-10%
RS140B		830	3000	85	32	(0.43, 0.40) SDCM <5	82.0	650	+/-10%
RS140B		830	3000	85	32	(0.43, 0.40) SDCM <5	82.0	900	+/-10%
RS140B		830	3000	85	36	(0.43, 0.40) SDCM <5	82.0	1 200	+/-10%
RS140B		840	4000	85	32	(0.38, 0.38) SDCM <5	82.0	650	+/-10%

More data see next page

Type	Lamp family code[12]	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS140B		840	4000	85	32	(0.38, 0.38) SDCM <5	82.0	900	+/-10%
RS140B		840	4000	85	36	(0.38, 0.38) SDCM <5	82.0	1 200	+/-10%
RS141B		827	2700	85	32	(0.46, 0.41) SDCM <5	82.0	650	+/-10%
RS141B		830	3000	85	32	(0.43, 0.40) SDCM <5	82.0	650	+/-10%
RS141B		830	3000	85	32	(0.43, 0.40) SDCM <5	82.0	900	+/-10%
RS141B		830	3000	85	36	(0.43, 0.40) SDCM <5	82.0	1 200	+/-10%
RS141B		840	4000	85	32	(0.38, 0.38) SDCM <5	82.0	650	+/-10%
RS141B		840	4000	85	32	(0.38, 0.38) SDCM <5	82.0	900	+/-10%
RS141B		840	4000	85	36	(0.38, 0.38) SDCM <5	82.0	1 200	+/-10%
RS141B	LED6	827	2700	85	32	(0.45, 0.40) SDCM <5	65.0	650	+/-10%
RS141B	LED6	830	3000	85	32	(0.42, 0.40) SDCM <5	65.0	650	+/-10%
RS141B	LED12S	840	4000	85	32	(0.38, 0.38) SDCM <5	75.0	1 200	+/-10%
RS142B		827	2700	85	32	(0.46, 0.41) SDCM <5	82.0	650	+/-10%
RS142B		830	3000	85	32	(0.43, 0.40) SDCM <5	82.0	650	+/-10%

[12] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED6' = LED Module 600 lm

[13] 'Light source color' value description(s): '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[14]	IP Classification[15]	Mech. impact protection code[16]	CE mark	Flammability mark[17]	Glow-wire test[18] (°C/s)	RoHS mark
RS140B	II	IP44	IK02	CE	F	650/30	ROHS
RS141B	II	IP44	IK02	CE	F	650/5	ROHS
RS141B	II	IP44	IK02	CE	F	650/30	ROHS
RS141B	II	IP44	IK02	CE	F	850/5	ROHS
RS142B	II	IP44	IK02	CE	F	650/30	ROHS

[14] 'Protection class IEC' value description(s): 'II' = Safety class II

[15] 'IP Classification' value description(s): 'IP44' = Wire-protected, splash-proof

[16] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[17] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[18] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s, '650/5' = Temperature 650 °C, duration 5 s, '850/5' = Temperature 850 °C, duration 5 s



A flexible and affordable retail toolbox

With the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Fixed's regular cut-out and specific lumen packages make retrofit installation quick and easy.

Completing the ideal lighting plan for your store, GreenSpace Accent Fixed offers flexible general lighting supported by a choice of beams and special light flavors and LED recipes that enable you to show the clothes and fresh food produce on offer in the very best light. Check out our Fashion and Food catalogue pages to find out more about CrispWhite, PremiumWhite, Fresh Food Meat and Fresh Food Champagne.

Product Range


A


B

Detailed Photos

GreenSpace_Accent_Fixed-RS340B-DP01.tif


A

GreenSpace_Accent_Fixed-RS340B-DP03.tif


B

GreenSpace_Accent_Fixed-RS340B-DP02.tif


C


D

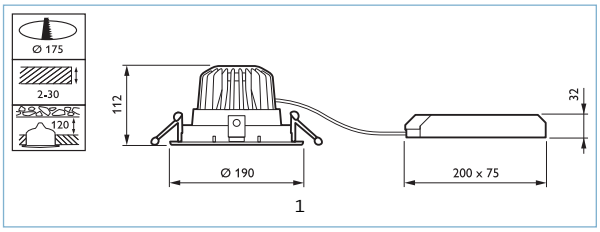

E


F

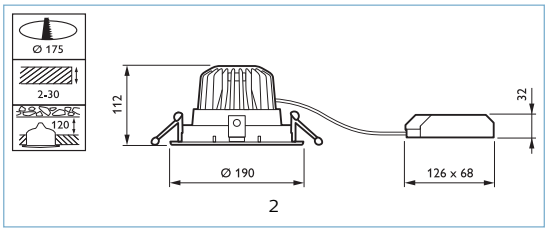

G


H

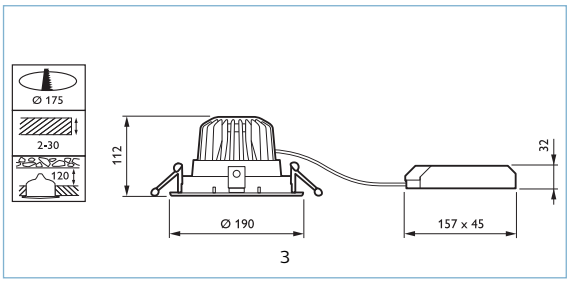
Dimension Drawing



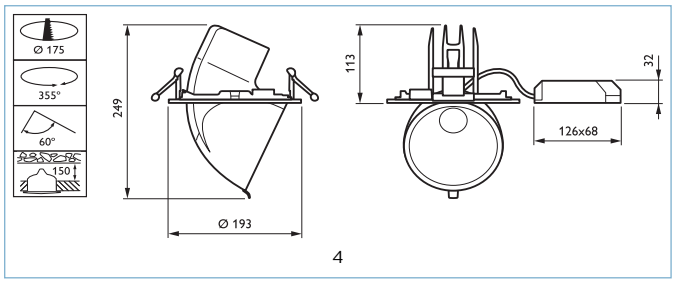
1



2



3



4

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RS340B	827	PSD	MB		W	WH	26	104.0	A	A-C	1	00459730
RS340B	827	PSU-E	WB			WH	37	105.0	A	A-C	2	00459737
RS340B	830	PSD	MB		W	WH	27	100.0	A	A-C	1	00459731
RS340B	830	PSD	VWB			WH	27	100.0	A	A-C	1	00459735
RS340B	830	PSD	VWB			WH	34	115.0	A	A-C	1	00459745
RS340B	830	PSU-E	VWB			WH	27	100.0	A	A-C	2	00459734
RS340B	830	PSU-E	VWB			WH	34	115.0	A	A-C	2	00459744
RS340B	830	PSU-E	WB			WH	27	100.0	A	A-C	2	00459722
RS340B	830	PSU-E	WB			WH	34	115.0	A	A-C	2	00459736
RS340B	830	PSU-E	WB		W	WH	34	115.0	A	A-C	2	00459743
RS340B	840	PSD	WB			WH	33	118.0	A	A-C	1	00459739
RS340B	840	PSU-E	WB			WH	24	113.0	A	A-C	2	00459723
RS340B	840	PSU-E	WB			WH	33	118.0	A	A-C	2	00459738
RS340B	CH	PSU-E	WB		PIP	WH	27	100.0	A	A-C	2	00465313
RS340B	CRW	PSD	WB			WH	35	77.0	A	A-C	1	00459726
RS340B	CRW	PSU-E	WB			WH	35	77.0	A	A-C	2	00459725
RS340B	FMT	PSU-E	MB			WH	39	67.0	A	A-C	2	00459721
RS340B	FMT	PSU-E	WB			WH	26	73.0	A	A-C	3	00459720
RS340B	PW9	PSD	MB		PIP	WH	31	87.0	A	A-C	1	00459729
RS340B	PW9	PSD	WB		PIP	WH	39	100.0	A	A-C	1	00459742
RS340B	PW9	PSU-E	MB		PIP	WH	31	87.0	A	A-C	2	00459728
RS340B	PW9	PSU-E	MB		W	WH	31	87.0	A	A-C	2	00459732
RS340B	PW9	PSU-E	WB			WH	31	87.0	A	A-C	2	00459727
RS340B	PW9	PSU-E	WB			WH	39	100.0	A	A-C	2	00459740
RS340B	PW9	PSU-E	WB		PIP	WH	39	100.0	A	A-C	2	00459741
RS340B	PW9	PSU-E	WB		W	WH	31	87.0	A	A-C	2	00459733
RS342B	1 LED27S/CH	PSU-E	WB	ACC	PIP	WH	27	100.0	B	D-H	4	00465314

[1] 'Type' value description(s): 'RS340B' = GreenSpace Accent Fixed, 'RS342B' = GreenSpace Accent Elbow

[2] 'Lamp' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'LED27S' = LED Module, system flux 2 700 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'ACC' = Acrylic bowl/cover clear

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief, 'W' = Plug-in connector 3-pole Wieland/Adels compatible

[7] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	24	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	26	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	27	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	31	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	33	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	34	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	35	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	37	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.240	18.6	39	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	26	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	27	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	31	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	33	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	34	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	35	1	70 000	50 000	25 000
RS340B	50-60	220 to 240	+/-10%	0.9	0.195	20.4	39	1	70 000	50 000	25 000
RS340B	50-60	220-240	+/-10%	0.9	0.280	23.0	27	1	70 000	50 000	25 000
RS342B	50-60	220-240	+/-10%	0.9	0.280	23.0	27	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS340B		827	2700	≥80	24	(0.46, 0.41) SDCM<3	104.0	2 700	+/-10%
RS340B		827	2700	≥80	36	(0.46, 0.41) SDCM<3	105.0	3 900	+/-10%
RS340B		830	3000	≥80	24	(0.43, 0.40) SDCM<3	100.0	2 700	+/-10%
RS340B		830	3000	≥80	36	(0.43, 0.40) SDCM<3	100.0	2 700	+/-10%
RS340B		830	3000	≥80	36	(0.43, 0.40) SDCM<3	115.0	3 900	+/-10%
RS340B		830	3000	≥80	60	(0.43, 0.40) SDCM<3	100.0	2 700	+/-10%
RS340B		830	3000	≥80	60	(0.43, 0.40) SDCM<3	115.0	3 900	+/-10%
RS340B		840	4000	≥80	36	(0.38, 0.38) SDCM<3	113.0	2 700	+/-10%
RS340B		840	4000	≥80	36	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
RS340B		CH	2700	≥80	36	(0.46, 0.39) SDCM<3	100.0	2 700	+/-10%
RS340B		CRW	3000	≥90	36	(0.43, 0.40) SDCM<3	77.0	2 700	+/-10%
RS340B		FMT	3000	≥80	24	(0.40, 0.33) SDCM<3	67.0	2 600	+/-10%
RS340B		FMT	3000	≥80	36	(0.40, 0.33) SDCM<3	73.0	1 900	+/-10%
RS340B		PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	87.0	2 700	+/-10%
RS340B		PW9	3000	≥90	36	(0.42, 0.39) SDCM<3	87.0	2 700	+/-10%
RS340B		PW9	3000	≥90	36	(0.42, 0.39) SDCM<3	100.0	3 900	+/-10%
RS342B	LED27S	CH	2700	≥80	36	(0.46, 0.39) SDCM <3	100.0	2 700	+/-10%

[8] 'Lamp family code' value description(s): 'LED27S' = LED Module, system flux 2 700 lm

[9] 'Light source color' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
RS340B	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
RS342B	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



LuxSpace Accent CrispWhite – Experience intense whites and rich colors

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Fashion retailers generally want superior light sources that illuminate fabrics in the truest way possible, making colors appear rich and intense while keeping whites bright. A warm color temperature is often preferred, as it keeps colors true and saturated. Until now, a drawback of LED has been that whites can appear yellowish. The good news – that's about to change. CrispWhite is a unique concept in retail lighting that makes whites appear whiter than white, yet still gives colors a warm and saturated intensity. This new color experience will wow customers and make merchandise impossible to resist.

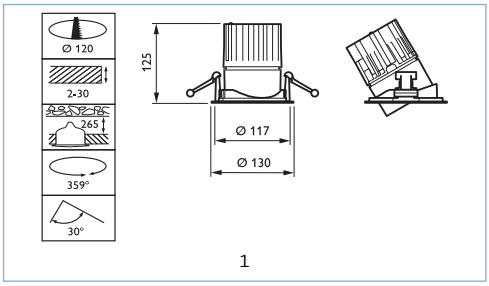
Product Range



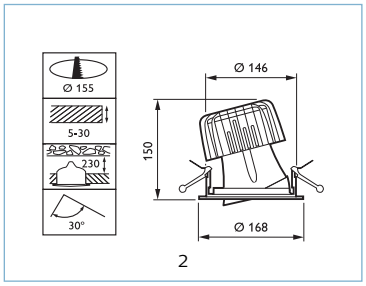




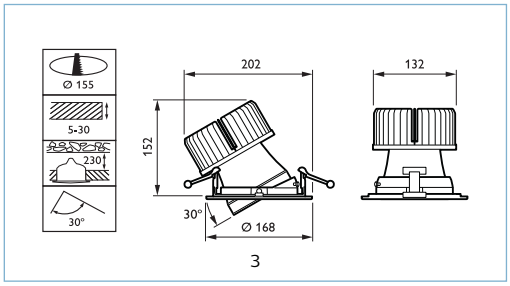
Dimension Drawing



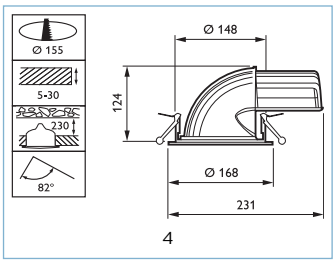
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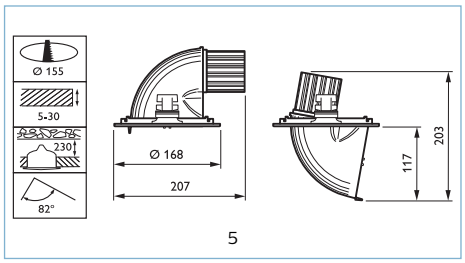
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Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9105...)
RS741B	1 LED15S/CRW	PSE-E	NB	PIP	WH	24.5	61.0	A	1	00457110
RS741B	1 LED17S/CRW	PSE-E	MB	PIP	WH	19.4	85.1	A	1	00457111
RS741B	1 LED17S/CRW	PSE-E	WB	PIP	WH	19.4	85.1	A	1	00457112
RS741B	1 LED27S/CRW	PSE-E	MB	PIP	WH	32.0	84.4	A	1	00457113
RS741B	1 LED27S/CRW	PSE-E	WB	PIP	WH	32.0	84.4	A	1	00457114
RS751B	1 LED39S/CRW	PSE-E	MB	PIP	WH	49.5	80.8	B	2, 3	00459421
RS751B	1 LED39S/CRW	PSE-E	WB	PIP	WH	49.5	78.8	B	2, 3	00459422

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9105...)
RS752B	1/CRW	PSE-E	MB	PIP	WH	30.5	91.8	C	4, 5	00459423
RS752B	1/CRW	PSE-E	MB	PIP	WH	49.5	80.8	C	4, 5	00459425
RS752B	1/CRW	PSE-E	WB	PIP	WH	30.5	88.5	C	4, 5	00459424
RS752B	1/CRW	PSE-E	WB	PIP	WH	49.5	78.8	C	4, 5	00459426

[1] 'Type' value description(s): 'RS741B' = LuxSpace Accent Compact G3, 'RS751B' = LuxSpace Accent Performance G3, 'RS752B' = LuxSpace Accent Performance G3

[2] 'Lamp' value description(s): 'CRW' = Crisp white, 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm

[3] 'Driver/power unit/transformer' value description(s): 'PSE-E' = Power supply unit external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam, 'WB' = Wide beam

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	19.4	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.0	1	70 000	50 000	25 000
RS741B	50-60	220 to 240	+/-10%	0.9	0.250	20.0	24.5	1	70 000	50 000	25 000
RS751B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	49.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.220	14.5	30.5	1	70 000	50 000	25 000
RS752B	50-60	220 to 240	+/-10%	0.9	0.272	23.5	49.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
RS741B	LED15S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	61.0	1 500	+/-10%
RS741B	LED17S	CRW	3000	≥95	24	(0.43, 0.39) SDCM <3	85.1	1 650	+/-10%
RS741B	LED17S	CRW	3000	≥95	33	(0.43, 0.39) SDCM <3	85.1	1 650	+/-10%
RS741B	LED27S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	84.4	2 700	+/-10%
RS741B	LED27S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	84.4	2 700	+/-10%
RS751B	LED39S	CRW	3000	≥95	22	(0.43, 0.39) SDCM <3	80.8	4 000	+/-10%
RS751B	LED39S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	78.8	3 900	+/-10%
RS752B		CRW	3000	≥95	22	(0.43, 0.39) SDCM <3	80.8	4 000	+/-10%
RS752B		CRW	3000	≥95	22	(0.43, 0.39) SDCM <3	91.8	2 800	+/-10%
RS752B		CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	78.8	3 900	+/-10%
RS752B		CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	88.5	2 700	+/-10%

[7] 'Lamp family code' value description(s): 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm

[8] 'Light source color' value description(s): 'CRW' = Crisp white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
RS741B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS751B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
RS752B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[9] 'Protection class IEC' value description(s): 'II' = Safety class II

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

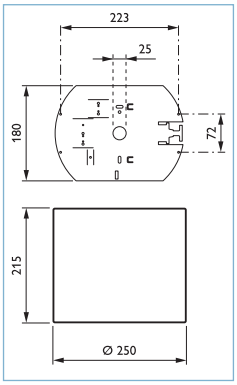
[13] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



LuxSpace surface-mounted – high efficiency, visual comfort and a stylish design

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
DN570C	LED20S/830	PSE-E	C	PIP	WH	19.0	116	037**06705**
DN570C	LED20S/830	PSED-E	C	PIP	WH	19.0	116	037**06706**
DN570C	LED20S/840	PSE-E	C	PIP	WH	17.4	126	037**06711**
DN570C	LED20S/840	PSED-E	C	PIP	WH	17.4	126	037**06712**
DN570C	LED24S/830	PSE-E	C	PIP	WH	23.0	113	037**06707**
DN570C	LED24S/830	PSED-E	C	PIP	WH	23.0	113	037**06708**
DN570C	LED24S/840	PSE-E	C	PIP	WH	21.0	124	037**06713**
DN570C	LED24S/840	PSED-E	C	PIP	WH	21.0	124	037**06714**
DN570C	LED40S/830	PSE-E	C	PIP	WH	34.0	124	037**06709**
DN570C	LED40S/830	PSED-E	C	PIP	WH	34.0	124	037**06710**
DN570C	LED40S/840	PSE-E	C	PIP	WH	32.0	131	037**06715**
DN570C	LED40S/840	PSED-E	C	PIP	WH	32.0	131	037**06716**

[1] 'Type' value description(s): '**DN570C**' = LUXSPACE 2 COMPACT LOW HEIGHT

[2] 'Lamp' value description(s): '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm, '**LED40S**' = LED Module, system flux 4 000 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSE-E**' = Power supply unit external, DC compatible for central emergency lighting, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Protection glass

A

Protection glass, opal

B

Accessory Specification

Type[7]	Accessory color[8]	Optical cover/lens type[9]	Material[10]	Mech. impact protection code[11]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
DN570G	WH	PG	G	IK02	A	UNP / 1	035**86401**
DN570G	WH	PGO	G	IK02	B	UNP / 1	035**86402**

[7] 'Type' value description(s): '**DN570G**' = LUXSPACE 2 ACC.

[8] 'Accessory color' value description(s): '**WH**' = White

[9] 'Optical cover/lens type' value description(s): '**PG**' = Protection glass, '**PGO**' = Protection glass opal

[10] 'Material' value description(s): '**G**' = Glass

[11] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

06

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN570C	50	220-240	+/-10%	0.9	0.70	5.3	32.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.70	5.3	34.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	14.5	32.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	14.5	34.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	16.0	17.4	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	16.0	19.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	16.0	21.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.22	16.0	23.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.24	18.0	17.4	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.24	18.0	19.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.24	18.0	21.0	1	70 000	50 000	25 000
DN570C	50	220-240	+/-10%	0.9	0.24	18.0	23.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[12]	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN570C	LED20S	830	3000	>80	80	(0.43, 0.40) SDCM <3	116	2 200	+/-10%
DN570C	LED20S	840	4000	>80	80	(0.38, 0.37) SDCM <3	126	2 200	+/-10%
DN570C	LED24S	830	3000	>80	80	(0.43, 0.40) SDCM <3	113	2 600	+/-10%
DN570C	LED24S	840	4000	>80	80	(0.38, 0.37) SDCM <3	124	2 600	+/-10%
DN570C	LED40S	830	3000	>80	80	(0.43, 0.40) SDCM <3	124	4 200	+/-10%
DN570C	LED40S	840	4000	>80	80	(0.38, 0.37) SDCM <3	131	4 200	+/-10%

[12] 'Lamp family code' value description(s): '**LED20S**' = LED Module, system flux 2 000 lm, '**LED24S**' = LED Module, system flux 2 400 lm, '**LED40S**' = LED Module, system flux 4 000 lm

[13] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[14]	IP Classification[15]	Mech. impact protection code[16]	CE mark	ENEC mark	Flammability mark[17]	Glow-wire test[18] (°C/s)
DN570C	I	IP20	IK02	CE	ENEC	F	850/5

[14] 'Protection class IEC' value description(s): '**I**' = Safety class I

[15] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[16] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[17] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[18] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



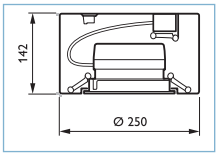
LuxSpace surface-mounted – high efficiency, visual comfort and a stylish design

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Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
DN561C	1 LED12S/830	PSED-E	C	PIP	WH	11.6	99.0	035**86479**

[1] 'Type' value description(s): '**DN561C**' = LuxSpace2 Mini Deep surf.mounted

[2] 'Lamp' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**830**' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**C**' = High-gloss mirror

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Protection glass

A

Protection glass, opal

B

Accessory Specification

Type[7]	Optical cover/lens type[8]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
DN560G	PG	A	UNP / 1	037**06523**
DN560G	PGO	B	UNP / 1	037**06524**

[7] 'Type' value description(s): '**DN560G**' = LuxSpace2 Mini accessories

[8] 'Optical cover/lens type' value description(s): '**PG**' = Protection glass, '**PGO**' = Protection glass opal

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN561C	50-60	220 to 240	+/-10%	0.9	0.22	16	11.6	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN561C	LED12S	830	3000	>80	75	(0.43, 0.40) SDCM <5	99.0	1 150	+/-10%

[9] 'Lamp family code' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm

[10] 'Light source color' value description(s): '**830**' = 830 warm white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)
DN561C	I	IP20	IK02	CE	ENEC	F	850/5

[11] 'Protection class IEC' value description(s): '**I**' = Safety class I

[12] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[13] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[14] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



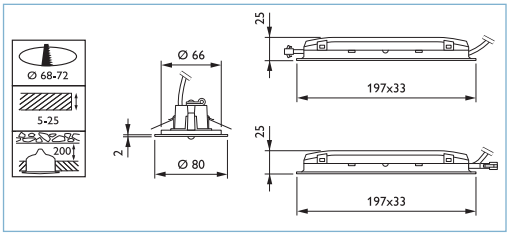
Emergency downlight EM120B - 3 hour compliant emergency lighting

Safety is of utmost importance for building owners, and therefore having proper emergency lighting in place is a major concern for them. The Emergency downlight EM120B offers an easy solution for stand alone emergency lighting, that is fully compliant with European regulations. The lithium battery (LiFePO4) has many advantages over nickel based products, as it has a longer lifetime, better discharge behaviour, is produced in a more welfare friendly way and can be recycled. Two interchangeable lenses are supplied with the product, to adjust the beam angle to the application.

Detailed Photos



Dimension Drawing



Technical Specification

Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9124...)
750	PSU	VWB	PI2	WH	4	90.0	*014***83241**
750	PSU	VWB	PI2	WH	4	90.0	*014***83242**

[1] 'Lamp' value description(s): '750' = 750 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[3] 'Optic type' value description(s): 'VWB' = Very wide beam

[4] 'Connection' value description(s): 'PI2' = Push-in connector 2-pole

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)
50-60	220 to 240	+/-10%	0.9	125	8.7	4	0.8	50 000

Light technical data

Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
750	5000	>70	105	(0.34, 0.35) SDCM<3	90.0	180	+/-10%

[6] 'Light source color' value description(s): '750' = 750 neutral white

Protection & classification standards

Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	RoHS mark
II	IP20	IK02	CE	ROHS

[7] 'Protection class IEC' value description(s): 'II' = Safety class II

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard



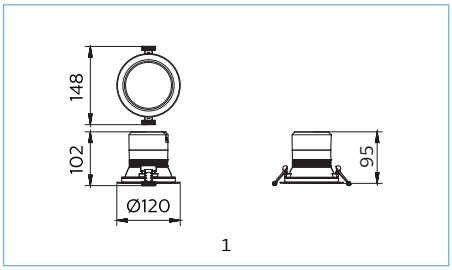
The most competitive specification downlight for TCO attractiveness with diversity and system compatibility

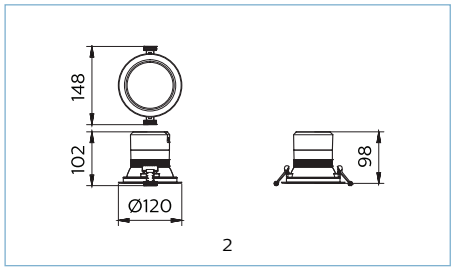
GreenSpace Gen5 is a new LED downlight range combining light efficiency and comfort with product diversity and system compatibility

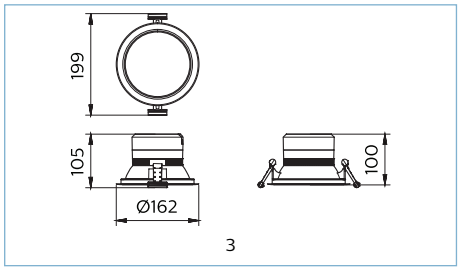
Product Range

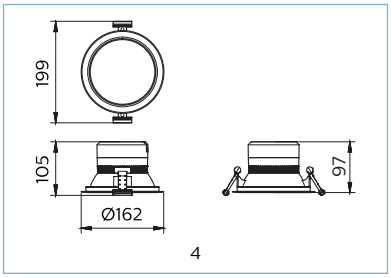


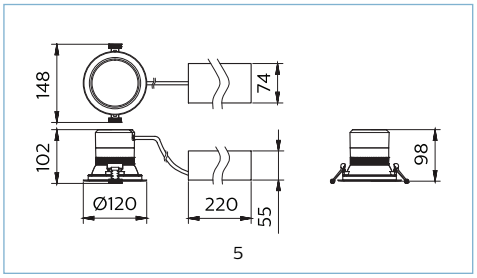
Dimension Drawing

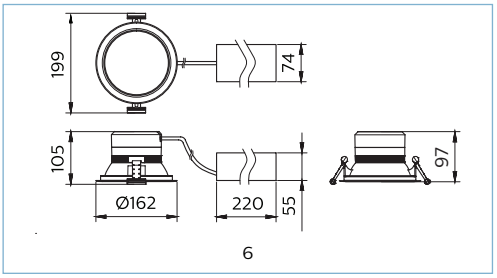


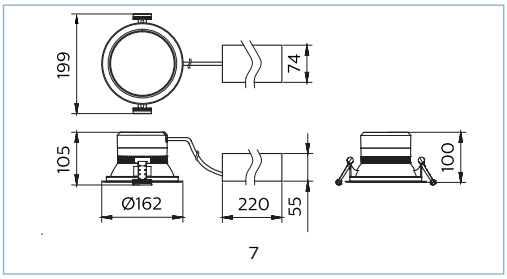


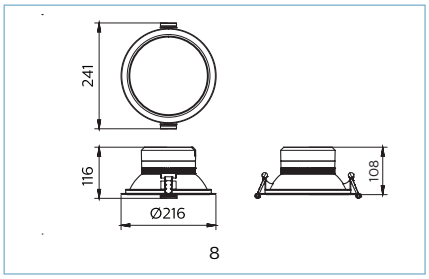


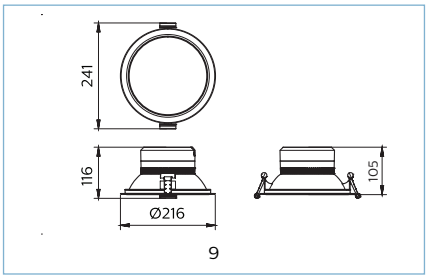


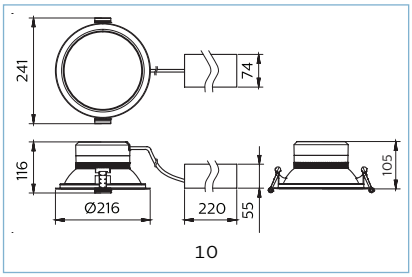




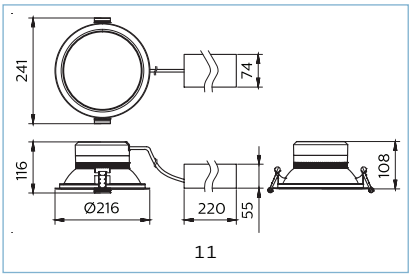








10



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Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9114...)
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	A	1	915**83641**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	B	2	915**80741**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	B	2	915**78041**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	A	1	915**71641**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	B	2	915**71841**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	A	1	915**77741**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	B	2	915**74841**
DN390B	830	PSU	C-H	PI6	BW	5.5	104.0	A	1	915**82841**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	A	1	915**82941**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	A	1	915**77841**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**80841**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**74941**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	A	1	915**71741**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**78141**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**71941**
DN390B	840	PSU	C-H	PI6	BW	5.5	109.0	A	1	915**83741**
DN390B	865	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**78241**
DN390B	865	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**80941**
DN390B	865	PSU	C-H	PI6	BW	5.5	109.0	B	2	915**75041**
DN390B	865	PSU	C-H	PI6	BW	5.5	109.0	A	1	915**77941**
DN391B	830		C-H	PI6	BW	9.5	111.0	C	3	915**81041**
DN391B	830		C-H	PI6	BW	9.5	111.0	C	3	915**78641**
DN391B	830		C-H	PI6	BW	9.5	111.0	B	2	915**76541**
DN391B	830		C-H	PI6	BW	9.5	111.0	B	2	915**75141**
DN391B	830		C-H	PI6	BW	9.5	111.0	C	3	915**72341**
DN391B	830		C-H	PI6	BW	9.5	111.0	D	4	915**72041**
DN391B	830		C-H	PI6	BW	9.5	111.0	D	4	915**83041**
DN391B	830		C-H	PI6	BW	9.5	111.0	D	4	915**83841**
DN391B	830		C-H	PI6	BW	9.5	111.0	D	4	915**78341**
DN391B	830	PSD	C-H		BW	11.5	83.0	B	5	915**76741**
DN391B	830	PSD	C-H		BW	11.5	91.0	D	6	915**81641**
DN391B	830	PSD	C-H		BW	11.5	91.0	D	6	915**84241**
DN391B	830	PSD	C-H		BW	11.5	91.0	C	7	915**84441**
DN391B	830	PSD	C-H		BW	11.5	91.0	C	7	915**72841**
DN391B	830	PSD	C-H		BW	11.5	91.0	D	6	915**72641**
DN391B	830	PSD	C-H		BW	11.5	91.0	C	7	915**81841**
DN391B	830	PSU-E	C-H		BW	9.5	111.0	C	3	915**85941**
DN391B	830	PSU-E	C-H		BW	9.5	111.0	D	4	915**85841**
DN391B	840		C-H	PI6	BW	9.5	116.0	D	4	915**83141**
DN391B	840		C-H	PI6	BW	9.5	116.0	C	3	915**72441**
DN391B	840		C-H	PI6	BW	9.5	116.0	B	2	915**75241**
DN391B	840		C-H	PI6	BW	9.5	116.0	C	3	915**78741**
DN391B	840		C-H	PI6	BW	9.5	116.0	B	2	915**76641**
DN391B	840		C-H	PI6	BW	9.5	116.0	D	4	915**78441**
DN391B	840		C-H	PI6	BW	9.5	116.0	D	4	915**83941**
DN391B	840		C-H	PI6	BW	9.5	116.0	C	3	915**81141**
DN391B	840		C-H	PI6	BW	9.5	116.0	D	4	915**72141**
DN391B	840	PSD	C-H		BW	11.5	82.0	B	5	915**76841**
DN391B	840	PSD	C-H		BW	11.5	96.0	C	7	915**84541**
DN391B	840	PSD	C-H		BW	11.5	96.0	C	7	915**81941**
DN391B	840	PSD	C-H		BW	11.5	96.0	D	6	915**81741**
DN391B	840	PSD	C-H		BW	11.5	96.0	C	7	915**72941**
DN391B	840	PSD	C-H		BW	11.5	96.0	D	6	915**72741**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9114...)
DN391B	840	PSD	C-H		BW	11.5	96.0	D	6	01584341
DN391B	840	PSU-E	C-H		BW	9.5	116.0	D	4	01586041
DN391B	840	PSU-E	C-H		BW	9.5	116.0	C	3	01586141
DN391B	865		C-H	PI6	BW	9.5	116.0	C	3	01581241
DN391B	865		C-H	PI6	BW	9.5	116.0	D	4	01578541
DN391B	865		C-H	PI6	BW	9.5	116.0	B	2	01575341
DN391B	865		C-H	PI6	BW	9.5	116.0	D	4	01572241
DN391B	865		C-H	PI6	BW	9.5	116.0	C	3	01578841
DN391B	865		C-H	PI6	BW	9.5	116.0	C	3	01572541
DN392B	830		C-H	PI6	BW	14.5	103.0	E	8	01579841
DN392B	830		C-H	PI6	BW	14.5	103.0	C	3	01577141
DN392B	830		C-H	PI6	BW	14.5	103.0	E	8	01573341
DN392B	830		C-H	PI6	BW	14.5	103.0	F	9	01573041
DN392B	830		C-H	PI6	BW	14.5	103.0	F	9	01579541
DN392B	830		C-H	PI6	BW	14.5	103.0	D	4	01578941
DN392B	830		C-H	PI6	BW	14.5	103.0	D	4	01576941
DN392B	830		C-H	PI6	BW	14.5	103.0	C	3	01579241
DN392B	830		C-H	PI6	BW	14.5	103.0	C	3	01575441
DN392B	830		C-H	PI6	BW	14.5	103.0	F	9	01583241
DN392B	830	POE	C-H		BW	14.5	103.0	D	6	01575741
DN392B	830	POE	C-H		BW	14.5	103.0	C	7	01575941
DN392B	830	PSD	C-H		BW	15.5	97.0	D	6	01577341
DN392B	830	PSD	C-H		BW	15.5	97.0	F	10	01582041
DN392B	830	PSD	C-H		BW	15.5	97.0	F	10	01573641
DN392B	830	PSD	C-H		BW	15.5	97.0	F	10	01584641
DN392B	830	PSD	C-H		BW	15.5	97.0	E	11	01584841
DN392B	830	PSD	C-H		BW	15.5	97.0	E	11	01582241
DN392B	830	PSD	C-H		BW	15.5	97.0	C	7	01585641
DN392B	830	PSD	C-H		BW	15.5	97.0	D	6	01585441
DN392B	830	PSD	C-H		BW	15.5	97.0	E	11	01573841
DN392B	830	PSD	C-H		BW	15.5	97.0	C	7	01577541
DN392B	840		C-H	PI6	BW	14.5	110.0	E	8	01573441
DN392B	840		C-H	PI6	BW	14.5	110.0	C	3	01579341
DN392B	840		C-H	PI6	BW	14.5	110.0	E	8	01579941
DN392B	840		C-H	PI6	BW	14.5	110.0	F	9	01579641
DN392B	840		C-H	PI6	BW	14.5	110.0	D	4	01579041
DN392B	840		C-H	PI6	BW	14.5	110.0	C	3	01577241
DN392B	840		C-H	PI6	BW	14.5	110.0	D	4	01577041
DN392B	840		C-H	PI6	BW	14.5	110.0	C	3	01575541
DN392B	840		C-H	PI6	BW	14.5	110.0	F	9	01573141
DN392B	840		C-H	PI6	BW	14.5	110.0	F	9	01583341
DN392B	840	POE	C-H		BW	14.5	110.0	D	6	01575841
DN392B	840	POE	C-H		BW	14.5	110.0	C	7	01576041
DN392B	840	PSD	C-H		BW	15.5	110.0	D	6	01577441
DN392B	840	PSD	C-H		BW	15.5	110.0	F	10	01582141
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DN392B	865		C-H	PI6	BW	14.5	110.0	C	3	01579441
DN392B	865		C-H	PI6	BW	14.5	110.0	C	3	01575641
DN392B	865		C-H	PI6	BW	14.5	110.0	E	8	01573541
DN392B	865		C-H	PI6	BW	14.5	110.0	F	9	01573241
DN392B	865		C-H	PI6	BW	14.5	110.0	F	9	01579741
DN393B	830		C-H	PI6	BW	19.0	111.0	F	9	01584041
DN393B	830		C-H	PI6	BW	19.0	111.0	E	8	01574241
DN393B	830		C-H	PI6	BW	19.0	111.0	F	9	01583441
DN393B	830		C-H	PI6	BW	19.0	111.0	F	9	01580141
DN393B	830		C-H	PI6	BW	19.0	111.0	F	9	01574041

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm	Material Nr. (12NC) (9114...)
DN393B	830		C-H	PI6	BW	19.0	111.0	E	8	01580441
DN393B	830		C-H	PI6	BW	19.0	111.0	E	8	01581341
DN393B	830	POE	C-H		BW	20.5	102.0	F	10	01576141
DN393B	830	POE	C-H		BW	20.5	102.0	E	11	01576341
DN393B	830	PSD	C-H		BW	20.5	102.0	E	11	01582641
DN393B	830	PSD	C-H		BW	20.5	102.0	E	11	01574641
DN393B	830	PSD	C-H		BW	20.5	102.0	F	10	01582441
DN393B	830	PSD	C-H		BW	20.5	102.0	F	10	01574441
DN393B	830	PSD	C-H		BW	20.5	102.0	E	11	01585241
DN393B	830	PSD	C-H		BW	20.5	102.0	F	10	01585041
DN393B	830	PSU-E	C-H		BW	19.0	111.0	F	9	01586241
DN393B	830	PSU-E	C-H		BW	19.0	111.0	E	8	01586341
DN393B	840		C-H	PI6	BW	19.0	116.0	E	8	01574341
DN393B	840		C-H	PI6	BW	19.0	116.0	F	9	01584141
DN393B	840		C-H	PI6	BW	19.0	116.0	E	8	01581441
DN393B	840		C-H	PI6	BW	19.0	116.0	F	9	01580241
DN393B	840		C-H	PI6	BW	19.0	116.0	F	9	01574141
DN393B	840		C-H	PI6	BW	19.0	116.0	E	8	01580541
DN393B	840		C-H	PI6	BW	19.0	116.0	F	9	01583541
DN393B	840	POE	C-H		BW	20.5	107.0	E	11	01576441
DN393B	840	POE	C-H		BW	20.5	107.0	F	10	01576241
DN393B	840	PSD	C-H		BW	20.5	107.0	F	10	01585141
DN393B	840	PSD	C-H		BW	20.5	107.0	F	10	01582541
DN393B	840	PSD	C-H		BW	20.5	107.0	E	11	01574741
DN393B	840	PSD	C-H		BW	20.5	107.0	E	11	01582741
DN393B	840	PSD	C-H		BW	20.5	107.0	F	10	01574541
DN393B	840	PSD	C-H		BW	20.5	107.0	E	11	01585341
DN393B	840	PSU-E	C-H		BW	19.0	116.0	E	8	01586541
DN393B	840	PSU-E	C-H		BW	19.0	116.0	F	9	01586441
DN393B	865		C-H	PI6	BW	19.0	116.0	E	8	01581541
DN393B	865		C-H	PI6	BW	19.0	116.0	E	8	01580641
DN393B	865		C-H	PI6	BW	19.0	116.0	F	9	01580341

[1] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '865' = 865 cool daylight

[2] 'Driver/power unit/transformer' value description(s): 'POE' = Luminaire controller with power over Ethernet, 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit, 'PSU-E' = Power supply unit external

[3] 'Optic type' value description(s): 'C-H' = High-gloss high reflectance

[4] 'Connection' value description(s): 'PI6' = Push-in connector 6-pole

[5] 'Accessory color' value description(s): 'BW' = Black and white

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN390B	50/60	220-240	+/-10%	0.90	0.045	2.2	5.5	0.12	50 000	43 000	20 000
DN391B	50/60	220-240	+/-10%	0.90	0.240	18.6	9.5	0.12	50 000	43 000	20 000
DN391B	50/60	220-240	+/-10%	0.90	0.195	20.4	11.5	0.12	50 000	43 000	20 000
DN391B	50/60	220-240	+/-10%	0.95	0.045	2.2	9.5	0.12	50 000	43 000	20 000
DN392B		53	+/-10%				14.5	0.16	50 000	43 000	20 000
DN392B	50/60	220-240	+/-10%	0.95	0.045	2.2	14.5	0.16	50 000	43 000	20 000
DN392B	50/60	220-240	+/-10%	0.95	0.195	20.4	15.5	0.16	50 000	43 000	20 000
DN393B		53	+/-10%				20.5	0.12	50 000	43 000	20 000
DN393B	50/60	220-240	+/-10%	0.95	0.045	2.2	19.0	0.12	50 000	43 000	20 000
DN393B	50/60	220-240	+/-10%	0.95	0.310	6.1	19.0	0.12	50 000	43 000	20 000
DN393B	50/60	220-240	+/-10%	0.95	0.195	20.4	20.5	0.12	50 000	43 000	20 000

Light technical data

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN390B	830	3000	>80	65	(0.44,0.403) SDCM<5	104.0	570	+/-10%
DN390B	830	3000	>80	80	(0.44,0.403) SDCM<5	104.0	570	+/-10%
DN390B	840	4000	>80	65	(0.38,0.38) SDCM<5	109.0	600	+/-10%
DN390B	840	4000	>80	80	(0.38,0.38) SDCM<5	109.0	600	+/-10%
DN390B	865	6500	>80	65	(0.31,0.32) SDCM<5	109.0	600	+/-10%
DN390B	865	6500	>80	80	(0.31,0.32) SDCM<5	109.0	600	+/-10%
DN391B	830	3000	>80	65	(0.44,0.403) SDCM<5	83.0	950	+/-10%
DN391B	830	3000	>80	65	(0.44,0.403) SDCM<5	91.0	1 050	+/-10%
DN391B	830	3000	>80	65	(0.44,0.403) SDCM<5	111.0	1 050	+/-10%
DN391B	830	3000	>80	80	(0.44,0.403) SDCM<5	91.0	1 050	+/-10%
DN391B	830	3000	>80	80	(0.44,0.403) SDCM<5	111.0	1 050	+/-10%
DN391B	840	4000	>80	65	(0.38,0.38) SDCM<5	82.0	950	+/-10%
DN391B	840	4000	>80	65	(0.38,0.38) SDCM<5	96.0	1 100	+/-10%
DN391B	840	4000	>80	65	(0.38,0.38) SDCM<5	116.0	1 100	+/-10%
DN391B	840	4000	>80	80	(0.38,0.38) SDCM<5	96.0	1 100	+/-10%
DN391B	840	4000	>80	80	(0.38,0.38) SDCM<5	116.0	1 100	+/-10%
DN391B	865	6500	>80	65	(0.31,0.32) SDCM<5	116.0	1 100	+/-10%
DN391B	865	6500	>80	80	(0.31,0.32) SDCM<5	116.0	1 100	+/-10%
DN392B	830	3000	>80	65	(0.44,0.403) SDCM<5	97.0	1 500	+/-10%
DN392B	830	3000	>80	65	(0.44,0.403) SDCM<5	103.0	1 500	+/-10%
DN392B	830	3000	>80	80	(0.44,0.403) SDCM<5	97.0	1 500	+/-10%
DN392B	830	3000	>80	80	(0.44,0.403) SDCM<5	103.0	1 500	+/-10%
DN392B	840	4000	>80	65	(0.38,0.38) SDCM<5	110.0	1 600	+/-10%
DN392B	840	4000	>80	80	(0.38,0.38) SDCM<5	110.0	1 600	+/-10%
DN392B	865	6500	>80	65	(0.31,0.32) SDCM<5	110.0	1 600	+/-10%
DN392B	865	6500	>80	80	(0.31,0.32) SDCM<5	110.0	1 600	+/-10%
DN393B	830	3000	>80	65	(0.44,0.403) SDCM<5	102.0	2 100	+/-10%
DN393B	830	3000	>80	65	(0.44,0.403) SDCM<5	111.0	2 100	+/-10%
DN393B	830	3000	>80	80	(0.44,0.403) SDCM<5	102.0	2 100	+/-10%
DN393B	830	3000	>80	80	(0.44,0.403) SDCM<5	111.0	2 100	+/-10%
DN393B	840	4000	>80	65	(0.38,0.38) SDCM<5	107.0	2 200	+/-10%
DN393B	840	4000	>80	65	(0.38,0.38) SDCM<5	116.0	2 200	+/-10%
DN393B	840	4000	>80	80	(0.38,0.38) SDCM<5	107.0	2 200	+/-10%
DN393B	840	4000	>80	80	(0.38,0.38) SDCM<5	116.0	2 200	+/-10%
DN393B	865	6500	>80	65	(0.31,0.32) SDCM<5	116.0	2 200	+/-10%
DN393B	865	6500	>80	80	(0.31,0.32) SDCM<5	116.0	2 200	+/-10%

[6] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '865' = 865 cool daylight

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	Flammability mark[10]	Glow-wire test[11] (°C/s)
DN390B	I	IP20	IK02	F	650/30
DN390B	I	IP20/54	IK02	F	650/30
DN391B	I	IP20	IK02	F	650/30
DN391B	I	IP20/54	IK02	F	650/30
DN391B	II	IP20	IK02	F	650/30
DN392B	I	IP20	IK02	F	650/30
DN392B	I	IP20/54	IK02	F	650/30
DN392B	III	IP20	IK02	F	650/30
DN393B	I	IP20	IK02	F	650/30
DN393B	I	IP20/54	IK02	F	650/30
DN393B	II	IP20	IK02	F	650/30
DN393B	III	IP20	IK02	F	650/30

[7] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II, 'III' = Safety class III

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP20/54' = Finger-protected; dust accumulation-protected, splash-proof

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



Miniaturized downlight with leading optical performance and great diversity

LuxSpace Gen4 is the a new LED downlight range combining light comfort and leading performance with luxury looking

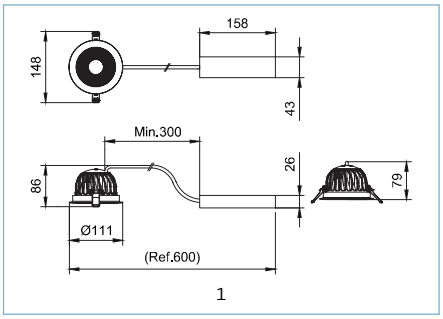
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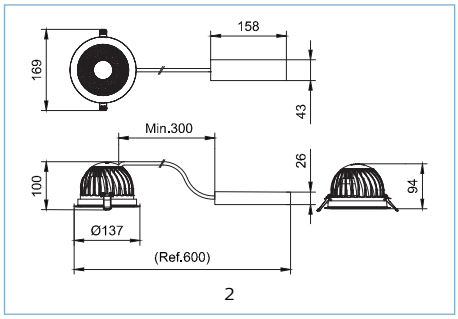


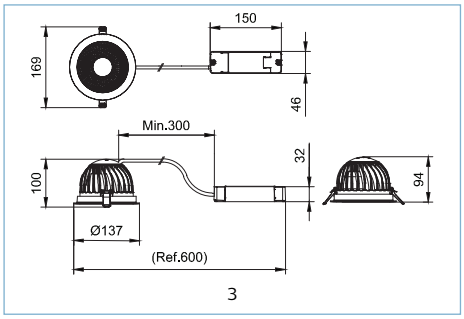


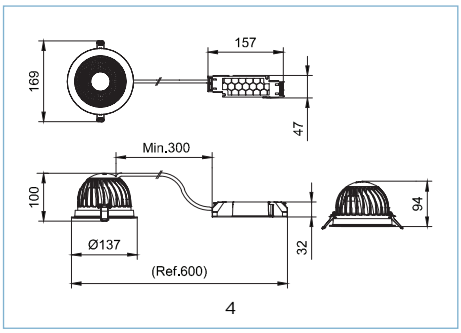


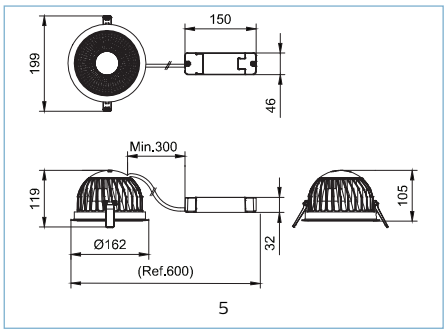
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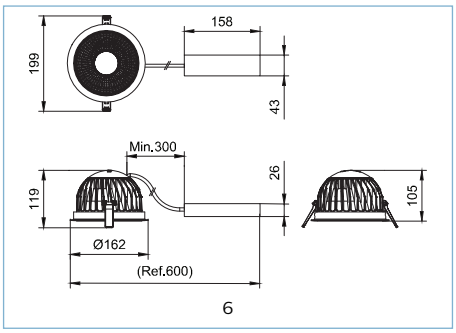


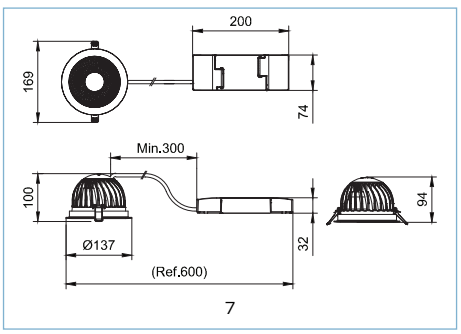


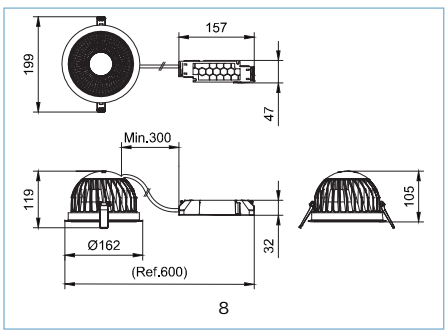


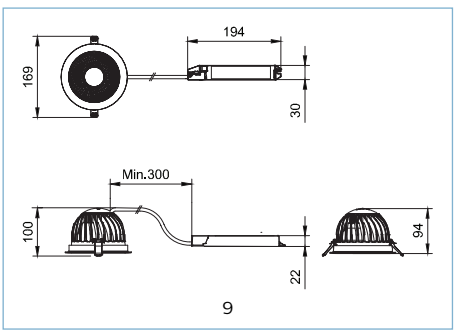


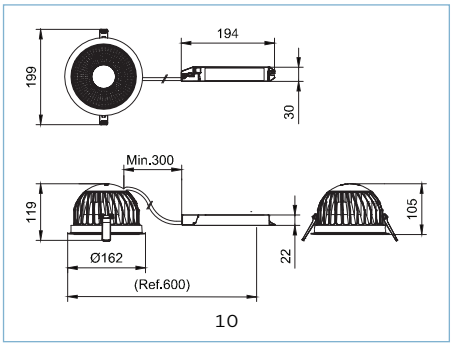




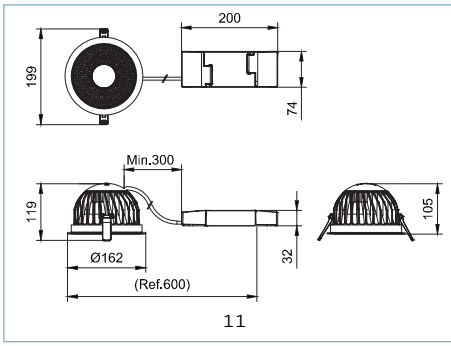




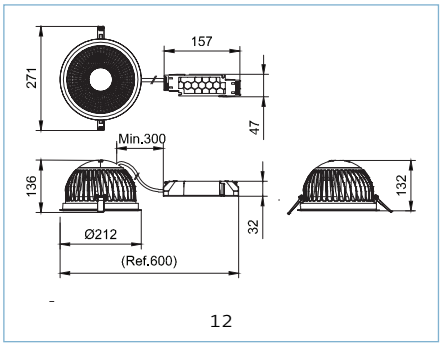




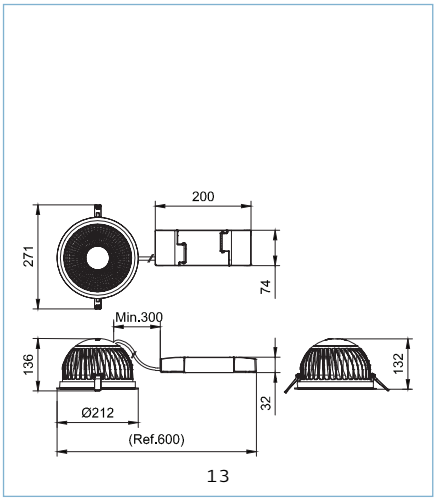
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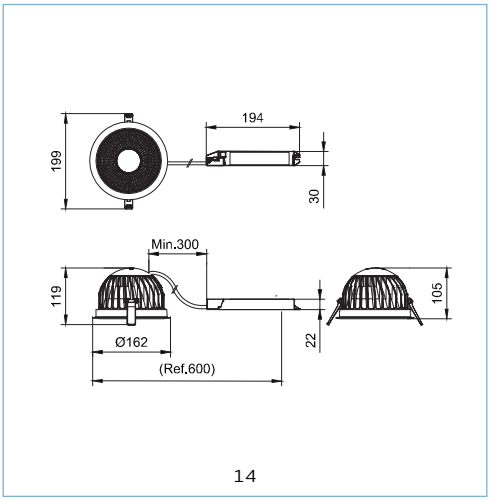
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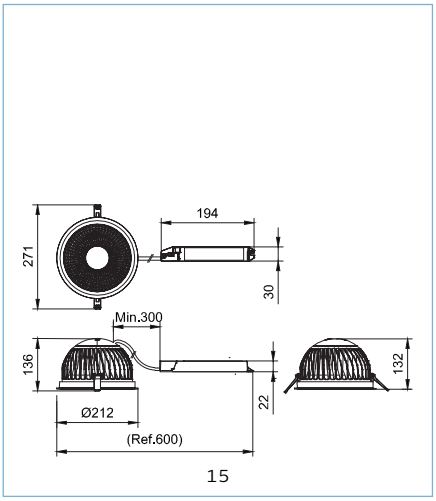
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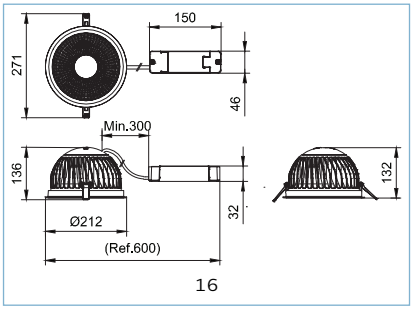
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Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9114...)
DN588B	830	PSU-E	FR30	PIP2	WH-BK	6.6	102.0	A	1	915**37041**
DN588B	830	PSU-E	FR60	PIP	WH-BK	6.6	103.0	A	2	915**49541**
DN588B	830	PSU-E	FR60	PIP2	WH-BK	6.6	102.0	A	1	915**36641**
DN588B	830	PSU-E	FR60	PIP2	WH-BK	6.6	109.0	A	2	915**47541**
DN588B	840	PSU-E	FR30	PIP2	WH-BK	6.6	112.0	A	1	915**37141**
DN588B	840	PSU-E	FR60	C-2R	WH-BK	6.6	108.0	A	3	915**50541**
DN588B	840	PSU-E	FR60	C-2R	WH-BK	6.6	114.0	A	3	915**48741**
DN588B	840	PSU-E	FR60	PIP	WH-BK	6.6	108.0	A	2	915**49641**
DN588B	840	PSU-E	FR60	PIP2	WH-BK	6.6	112.0	A	1	915**36741**
DN588B	840	PSU-E	FR60	PIP2	WH-BK	6.6	114.0	A	2	915**47641**
DN588B	930	PSU-E	FR30	PIP2	WH-BK	6.6	88.0	A	1	915**37241**
DN588B	930	PSU-E	FR60	PIP2	WH-BK	6.6	88.0	A	1	915**36841**
DN588B	940	PSU-E	FR30	PIP2	WH-BK	6.6	95.0	A	1	915**37341**
DN588B	940	PSU-E	FR60	PIP2	WH-BK	6.6	95.0	A	1	915**36941**
DN589B	830	PSU-E	FR30	C-2R	WH-BK	9.3	103.0	A	3	915**38641**
DN589B	830	PSU-E	FR30	PIP2	WH-BK	9.3	103.0	A	4	915**37841**
DN589B	830	PSU-E	FR60	C-2R	WH-BK	8.4	112.0	B	5	915**53441**
DN589B	830	PSU-E	FR60	C-2R	WH-BK	8.4	112.0	B	5	915**50641**
DN589B	830	PSU-E	FR60	C-2R	WH-BK	8.4	118.0	B	5	915**48841**
DN589B	830	PSU-E	FR60	C-2R	WH-BK	9.3	103.0	A	3	915**38241**
DN589B	830	PSU-E	FR60	C-2R	WH-BK	39.7	25.0	B	5	915**52041**
DN589B	830	PSU-E	FR60	PIP	WH-BK	8.4	112.0	B	6	915**49741**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm	Material Nr. (12NC) (9114...)
DN589B	830	PSU-E	FR60	PIP	WH-BK	8.4	112.0	B	6	915**52741**
DN589B	830	PSU-E	FR60	PIP	WH-BK	8.4	118.0	B	6	915**51341**
DN589B	830	PSU-E	FR60	PIP2	WH-BK	8.4	118.0	B	6	915**47741**
DN589B	830	PSU-E	FR60	PIP2	WH-BK	9.3	103.0	A	4	915**37441**
DN589B	840	PSU-E	FR30	C-2R	WH-BK	9.3	108.0	A	3	915**38741**
DN589B	840	PSU-E	FR30	PIP2	WH-BK	9.3	108.0	A	4	915**37941**
DN589B	840	PSU-E	FR60	C-2R	WH-BK	8.4	119.0	B	5	915**53541**
DN589B	840	PSU-E	FR60	C-2R	WH-BK	8.4	119.0	B	5	915**50741**
DN589B	840	PSU-E	FR60	C-2R	WH-BK	8.4	125.0	B	5	915**52141**
DN589B	840	PSU-E	FR60	C-2R	WH-BK	8.4	125.0	B	5	915**48941**
DN589B	840	PSU-E	FR60	C-2R	WH-BK	9.3	108.0	A	3	915**38341**
DN589B	840	PSU-E	FR60	PIP	WH-BK	8.4	119.0	B	6	915**52841**
DN589B	840	PSU-E	FR60	PIP	WH-BK	8.4	119.0	B	6	915**49841**
DN589B	840	PSU-E	FR60	PIP	WH-BK	8.4	125.0	B	6	915**51441**
DN589B	840	PSU-E	FR60	PIP2	WH-BK	8.4	125.0	B	6	915**47841**
DN589B	840	PSU-E	FR60	PIP2	WH-BK	9.3	108.0	A	4	915**37541**
DN589B	930	PSU-E	FR30	C-2R	WH-BK	9.3	86.0	A	3	915**38841**
DN589B	930	PSU-E	FR30	PIP2	WH-BK	9.3	86.0	A	4	915**38041**
DN589B	930	PSU-E	FR60	C-2R	WH-BK	9.3	86.0	A	3	915**38441**
DN589B	930	PSU-E	FR60	PIP2	WH-BK	9.3	86.0	A	4	915**37641**
DN589B	940	PSU-E	FR30	C-2R	WH-BK	9.3	92.0	A	3	915**38941**
DN589B	940	PSU-E	FR30	PIP2	WH-BK	9.3	92.0	A	4	915**38141**
DN589B	940	PSU-E	FR60	C-2R	WH-BK	9.3	92.0	A	3	915**38541**
DN589B	940	PSU-E	FR60	PIP2	WH-BK	9.3	92.0	A	4	915**37741**
DN590B	830	PSU-E	FR30	PIP2	WH-BK	13.5	104.0	A	4	915**39441**
DN590B	830	PSU-E	FR30	W3-4R	WH-BK	13.5	104.0	A	7	915**40241**
DN590B	830	PSU-E	FR60	PIP	WH-BK	13.5	104.0	B	8	915**49941**
DN590B	830	PSU-E	FR60	PIP	WH-BK	13.5	115.0	B	8	915**51541**
DN590B	830	PSU-E	FR60	PIP2	WH-BK	8.4	176.0	B	8	915**47941**
DN590B	830	PSU-E	FR60	PIP2	WH-BK	13.5	104.0	A	4	915**39041**
DN590B	830	PSU-E	FR60	RJ45	WH-BK	13.5	104.0	A	9	915**40641**
DN590B	830	PSU-E	FR60	RJ45	WH-BK	14.3	103.0	B	10	915**54141**
DN590B	830	PSU-E	FR60	W3-4R	WH-BK	13.5	104.0	A	7	915**39841**
DN590B	840	PSU-E	FR30	PIP2	WH-BK	13.5	111.0	A	4	915**39541**
DN590B	840	PSU-E	FR30	W3-4R	WH-BK	13.5	111.0	A	7	915**40341**
DN590B	840	PSU-E	FR60	PIP	WH-BK	13.5	109.0	B	8	915**52941**
DN590B	840	PSU-E	FR60	PIP	WH-BK	13.5	109.0	B	8	915**50041**
DN590B	840	PSU-E	FR60	PIP2	WH-BK	8.4	185.0	B	8	915**48041**
DN590B	840	PSU-E	FR60	PIP2	WH-BK	13.5	111.0	A	4	915**39141**
DN590B	840	PSU-E	FR60	RJ45	WH-BK	13.5	111.0	A	9	915**40741**
DN590B	840	PSU-E	FR60	RJ45	WH-BK	14.3	108.0	B	10	915**54241**
DN590B	840	PSU-E	FR60	W3-4R	WH-BK	13.5	109.0	B	11	915**53641**
DN590B	840	PSU-E	FR60	W3-4R	WH-BK	13.5	109.0	B	11	915**50841**
DN590B	840	PSU-E	FR60	W3-4R	WH-BK	13.5	111.0	A	7	915**39941**
DN590B	840	PSU-E	FR60	W3-4R	WH-BK	13.5	115.0	B	11	915**52241**
DN590B	840	PSU-E	FR60	W3-4R	WH-BK	13.5	115.0	B	11	915**49041**
DN590B	930	PSU-E	FR30	PIP2	WH-BK	13.5	88.0	A	4	915**39641**
DN590B	930	PSU-E	FR30	W3-4R	WH-BK	13.5	88.0	A	7	915**40441**
DN590B	930	PSU-E	FR60	PIP2	WH-BK	13.5	88.0	A	4	915**39241**
DN590B	930	PSU-E	FR60	W3-4R	WH-BK	13.5	88.0	A	7	915**40041**
DN590B	940	PSU-E	FR30	PIP2	WH-BK	13.5	94.0	A	4	915**39741**
DN590B	940	PSU-E	FR30	W3-4R	WH-BK	13.5	94.0	A	7	915**40541**
DN590B	940	PSU-E	FR60	PIP2	WH-BK	13.5	94.0	A	4	915**39341**
DN590B	940	PSU-E	FR60	W3-4R	WH-BK	13.5	94.0	A	7	915**40141**
DN590B	TWH	PSU-E	FR60	W3-4R	WH-BK	13.5	185.0	B	11	915**40841**
DN591B	830	PSU-E	FR30	PIP2	WH-BK	19.3	104.0	A	4	915**41341**
DN591B	830	PSU-E	FR30	PIP2	WH-BK	19.3	109.0	B	8	915**42941**
DN591B	830	PSU-E	FR30	W3-4R	WH-BK	19.3	104.0	A	7	915**42141**
DN591B	830	PSU-E	FR30	W3-4R	WH-BK	19.3	109.0	B	11	915**43741**
DN591B	830	PSU-E	FR60	PIP	WH-BK	13.5	150.0	B	12	915**51641**
DN591B	830	PSU-E	FR60	PIP	WH-BK	18.0	107.0	B	12	915**50141**
DN591B	830	PSU-E	FR60	PIP	WH-BK	18.0	107.0	B	12	915**53041**
DN591B	830	PSU-E	FR60	PIP2	WH-BK	18.0	113.0	B	12	915**48141**
DN591B	830	PSU-E	FR60	PIP2	WH-BK	19.3	104.0	A	4	915**40941**
DN591B	830	PSU-E	FR60	PIP2	WH-BK	19.3	109.0	B	8	915**42541**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm	Material Nr. (12NC) (9114...)
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	18.0	107.0	B	13	01**53741**
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	18.0	107.0	B	13	01**50941**
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	18.0	113.0	B	13	01**52341**
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	19.3	104.0	A	7	01**41741**
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	19.3	105.0	B	13	01**49141**
DN591B	830	PSU-E	FR60	W3-4R	WH-BK	19.3	109.0	B	11	01**43341**
DN591B	840	PSU-E	FR30	PIP2	WH-BK	19.3	109.0	A	4	01**41441**
DN591B	840	PSU-E	FR30	PIP2	WH-BK	19.3	111.0	B	8	01**43041**
DN591B	840	PSU-E	FR30	W3-4R	WH-BK	19.3	109.0	A	7	01**42241**
DN591B	840	PSU-E	FR30	W3-4R	WH-BK	19.3	111.0	B	11	01**43841**
DN591B	840	PSU-E	FR60	PIP	WH-BK	18.0	113.0	B	12	01**53141**
DN591B	840	PSU-E	FR60	PIP	WH-BK	18.0	113.0	B	12	01**50241**
DN591B	840	PSU-E	FR60	PIP	WH-BK	18.0	119.0	B	12	01**51741**
DN591B	840	PSU-E	FR60	PIP2	WH-BK	18.0	119.0	B	12	01**48241**
DN591B	840	PSU-E	FR60	PIP2	WH-BK	19.3	109.0	A	4	01**41041**
DN591B	840	PSU-E	FR60	PIP2	WH-BK	19.3	111.0	B	8	01**42641**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	18.0	113.0	B	13	01**53841**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	18.0	113.0	B	13	01**51041**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	18.0	119.0	B	13	01**52441**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	19.3	109.0	A	7	01**41841**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	19.3	111.0	B	11	01**43441**
DN591B	840	PSU-E	FR60	W3-4R	WH-BK	19.3	111.0	B	13	01**49241**
DN591B	930	PSU-E	FR30	PIP2	WH-BK	19.3	87.0	A	4	01**41541**
DN591B	930	PSU-E	FR30	PIP2	WH-BK	19.3	91.0	B	8	01**43141**
DN591B	930	PSU-E	FR30	W3-4R	WH-BK	19.3	87.0	A	7	01**42341**
DN591B	930	PSU-E	FR30	W3-4R	WH-BK	19.3	91.0	B	11	01**43941**
DN591B	930	PSU-E	FR60	PIP2	WH-BK	19.3	87.0	A	4	01**41141**
DN591B	930	PSU-E	FR60	PIP2	WH-BK	19.3	91.0	B	8	01**42741**
DN591B	930	PSU-E	FR60	W3-4R	WH-BK	19.3	87.0	A	7	01**41941**
DN591B	930	PSU-E	FR60	W3-4R	WH-BK	19.3	91.0	B	11	01**43541**
DN591B	940	PSU-E	FR30	PIP2	WH-BK	19.3	93.0	A	4	01**41641**
DN591B	940	PSU-E	FR30	PIP2	WH-BK	19.3	98.0	B	8	01**43241**
DN591B	940	PSU-E	FR30	W3-4R	WH-BK	19.3	93.0	A	7	01**42441**
DN591B	940	PSU-E	FR30	W3-4R	WH-BK	19.3	98.0	B	11	01**44041**
DN591B	940	PSU-E	FR60	PIP2	WH-BK	19.3	93.0	A	4	01**41241**
DN591B	940	PSU-E	FR60	PIP2	WH-BK	19.3	98.0	B	8	01**42841**
DN591B	940	PSU-E	FR60	W3-4R	WH-BK	19.3	93.0	A	7	01**42041**
DN591B	940	PSU-E	FR60	W3-4R	WH-BK	19.3	98.0	B	11	01**43641**
DN591B	TWH	PSU-E	FR36	LNT4	WH-BK	25.0	88.0	C	14	01**42451**
DN591B	TWH	PSU-E	FR36	LNT4	WH-BK	25.0	88.0	C	14	01**42251**
DN591B	TWH	PSU-E	FR60	LNT4	WH-BK	25.0	88.0	C	14	01**42351**
DN591B	TWH	PSU-E	FR60	LNT4	WH-BK	25.0	88.0	C	14	01**42551**
DN592B	830	PSU-E	FR30	PIP2	WH-BK	23.0	109.0	B	8	01**44541**
DN592B	830	PSU-E	FR30	W3-4R	WH-BK	23.0	109.0	B	11	01**45341**
DN592B	830	PSU-E	FR60	PIP2	WH-BK	23.0	109.0	B	8	01**44141**
DN592B	830	PSU-E	FR60	RJ45	WH-BK	23.0	109.0	B	15	01**54341**
DN592B	830	PSU-E	FR60	RJ45	WH-BK	23.0	113.0	B	10	01**45741**
DN592B	830	PSU-E	FR60	W3-4R	WH-BK	23.0	109.0	B	11	01**44941**
DN592B	840	PSU-E	FR30	PIP2	WH-BK	23.0	113.0	B	8	01**44641**
DN592B	840	PSU-E	FR30	W3-4R	WH-BK	23.0	113.0	B	11	01**45441**
DN592B	840	PSU-E	FR60	PIP2	WH-BK	23.0	113.0	B	8	01**44241**
DN592B	840	PSU-E	FR60	RJ45	WH-BK	23.0	113.0	B	15	01**54441**
DN592B	840	PSU-E	FR60	RJ45	WH-BK	23.0	113.0	B	10	01**45841**
DN592B	840	PSU-E	FR60	W3-4R	WH-BK	23.0	113.0	B	11	01**45041**
DN592B	930	PSU-E	FR30	PIP2	WH-BK	23.0	92.0	B	8	01**44741**
DN592B	930	PSU-E	FR30	W3-4R	WH-BK	23.0	92.0	B	11	01**45541**
DN592B	930	PSU-E	FR60	PIP2	WH-BK	23.0	92.0	B	8	01**44341**
DN592B	930	PSU-E	FR60	W3-4R	WH-BK	23.0	92.0	B	11	01**45141**
DN592B	940	PSU-E	FR30	PIP2	WH-BK	23.0	98.0	B	8	01**44841**
DN592B	940	PSU-E	FR30	W3-4R	WH-BK	23.0	98.0	B	11	01**45641**
DN592B	940	PSU-E	FR60	PIP2	WH-BK	23.0	98.0	B	8	01**44441**
DN592B	940	PSU-E	FR60	W3-4R	WH-BK	23.0	98.0	B	11	01**45241**
DN593B	830	PSU-E	FR30	PIP2	WH-BK	32.5	102.0	B	16	01**46341**
DN593B	830	PSU-E	FR60	PIP2	WH-BK	32.5	102.0	B	16	01**45941**
DN593B	830	PSU-E	FR60	PIP2	WH-BK	32.5	102.0	B	16	01**48341**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9114...)
DN593B	840	PSU-E	FR30	PIP2	WH-BK	32.5	105.0	B	16	915**46441**
DN593B	840	PSU-E	FR60	PIP	WH-BK	18.0	189.0	B	16	915**51841**
DN593B	840	PSU-E	FR60	PIP	WH-BK	32.5	99.0	B	16	915**50341**
DN593B	840	PSU-E	FR60	PIP	WH-BK	32.5	105.0	B	16	915**53241**
DN593B	840	PSU-E	FR60	PIP2	WH-BK	32.5	105.0	B	16	915**46041**
DN593B	840	PSU-E	FR60	PIP2	WH-BK	32.5	105.0	B	16	915**48441**
DN593B	840	PSU-E	FR60	W3-4R	WH-BK	32.5	99.0	B	13	915**51141**
DN593B	840	PSU-E	FR60	W3-4R	WH-BK	32.5	105.0	B	13	915**53941**
DN593B	840	PSU-E	FR60	W3-4R	WH-BK	32.5	105.0	B	13	915**52541**
DN593B	840	PSU-E	FR60	W3-4R	WH-BK	32.5	105.0	B	13	915**49341**
DN593B	930	PSU-E	FR30	PIP2	WH-BK	32.5	85.0	B	16	915**46541**
DN593B	930	PSU-E	FR60	PIP2	WH-BK	32.5	85.0	B	16	915**46141**
DN593B	940	PSU-E	FR30	PIP2	WH-BK	32.5	91.0	B	16	915**46641**
DN593B	940	PSU-E	FR60	PIP2	WH-BK	32.5	91.0	B	16	915**46241**
DN594B	830	PSU-E	FR30	PIP2	WH-BK	39.7	103.0	B	16	915**47141**
DN594B	830	PSU-E	FR60	PIP2	WH-BK	39.7	103.0	B	16	915**46741**
DN594B	830	PSU-E	FR60	PIP2	WH-BK	39.7	103.0	B	16	915**48541**
DN594B	840	PSU-E	FR30	PIP2	WH-BK	39.7	108.0	B	16	915**47241**
DN594B	840	PSU-E	FR60	PIP	WH-BK	32.5	132.0	B	16	915**51941**
DN594B	840	PSU-E	FR60	PIP	WH-BK	39.7	103.0	B	16	915**50441**
DN594B	840	PSU-E	FR60	PIP	WH-BK	39.7	108.0	B	16	915**53341**
DN594B	840	PSU-E	FR60	PIP2	WH-BK	39.7	108.0	B	16	915**46841**
DN594B	840	PSU-E	FR60	PIP2	WH-BK	39.7	108.0	B	16	915**48641**
DN594B	840	PSU-E	FR60	W3-4R	WH-BK	39.7	103.0	B	13	915**51241**
DN594B	840	PSU-E	FR60	W3-4R	WH-BK	39.7	108.0	B	13	915**54041**
DN594B	840	PSU-E	FR60	W3-4R	WH-BK	39.7	108.0	B	13	915**52641**
DN594B	840	PSU-E	FR60	W3-4R	WH-BK	39.7	108.0	B	13	915**49441**
DN594B	930	PSU-E	FR30	PIP2	WH-BK	39.7	87.0	B	16	915**47341**
DN594B	930	PSU-E	FR60	PIP2	WH-BK	39.7	87.0	B	16	915**46941**
DN594B	940	PSU-E	FR30	PIP2	WH-BK	39.7	93.0	B	16	915**47441**
DN594B	940	PSU-E	FR60	PIP2	WH-BK	39.7	93.0	B	16	915**47041**

[1] 'Lamp' value description(s): 'TWH' = Tunable white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white, '940' = 940 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSU-E' = Power supply unit external

[3] 'Optic type' value description(s): 'FR30' = Facetted reflector with beam angle 30°, 'FR36' = Facetted reflector with beam angle 36°, 'FR60' = Facetted reflector with beam angle 60°

[4] 'Connection' value description(s): 'C-2R' = Connector with 2 additional wires for light regulation, 'LNT4' = Linect connector with 4 poles, 'PIP' = Push-in connector and pull relief, 'PIP2' = Push-in connector with 2 poles and pull relief, 'RJ45' = RJ45 connector, 'W3-4R' = Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation

[5] 'Accessory color' value description(s): 'WH-BK' = White and black

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN588B	50/60	220 to 240	+/-10%	0.9	0.220	16.0	6.6	1	50 000	50 000	21 000
DN588B	50/60	220 to 240	+/-10%	0.9	0.230	5.2	6.6	1	50 000	50 000	21 000
DN589B	50/60	220 to 240	+/-10%	0.9	0.220	16.0	8.4	1	50 000	50 000	21 000
DN589B	50/60	220 to 240	+/-10%	0.9	0.220	16.0	39.7	1	50 000	50 000	21 000
DN589B	50/60	220 to 240	+/-10%	0.9	0.230	5.2	8.4	1	50 000	50 000	21 000
DN589B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	9.3	1	50 000	50 000	21 000
DN589B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	9.3	1	50 000	50 000	21 000
DN590B	50/60	220 to 240	+/-10%	0.9			13.5	1	50 000	50 000	21 000
DN590B	50/60	220 to 240	+/-10%	0.9			14.3	1	50 000	50 000	21 000
DN590B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	8.4	1	50 000	50 000	21 000
DN590B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	13.5	1	50 000	50 000	21 000
DN590B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	13.5	1	50 000	50 000	21 000
DN591B			+/-10%	0.9	0.014	18.0	25.0	1	50 000	50 000	21 000
DN591B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	13.5	1	50 000	50 000	21 000
DN591B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	18.0	1	50 000	50 000	21 000
DN591B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	19.3	1	50 000	50 000	21 000
DN591B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	18.0	1	50 000	50 000	21 000
DN591B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	19.3	1	50 000	50 000	21 000
DN592B	50/60	220 to 240	+/-10%	0.9			23.0	1	50 000	50 000	21 000
DN592B	50/60	220 to 240	+/-10%	0.9	0.310	6.1	23.0	1	50 000	50 000	21 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
DN592B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	23.0	1	50 000	50 000	21 000
DN593B	50/60	220 to 240	+/-10%	0.9	0.220	14.5	18.0	1	50 000	50 000	21 000
DN593B	50/60	220 to 240	+/-10%	0.9	0.220	14.5	32.5	1	50 000	50 000	21 000
DN593B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	32.5	1	50 000	50 000	21 000
DN594B	50/60	220 to 240	+/-10%	0.9	0.220	14.5	32.5	1	50 000	50 000	21 000
DN594B	50/60	220 to 240	+/-10%	0.9	0.220	14.5	39.7	1	50 000	50 000	21 000
DN594B	50/60	220 to 240	+/-10%	0.9	0.195	20.4	39.7	1	50 000	50 000	21 000

Light technical data

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN588B	830	3000	>80		102.0	670	+/-10%
DN588B	830	3000	>80		103.0	680	+/-10%
DN588B	830	3000	>80		109.0	720	+/-10%
DN588B	840	4000	>80		108.0	710	+/-10%
DN588B	840	4000	>80		114.0	750	+/-10%
DN588B	840	4000	>90		112.0	740	+/-10%
DN588B	930	3000	>80		88.0	580	+/-10%
DN588B	940	4000	>90		95.0	630	+/-10%
DN589B	830	3000	>80		25.0	990	+/-10%
DN589B	830	3000	>80		103.0	960	+/-10%
DN589B	830	3000	>80		112.0	940	+/-10%
DN589B	830	3000	>80		118.0	990	+/-10%
DN589B	840	4000	>80		119.0	1 000	+/-10%
DN589B	840	4000	>80		125.0	1 050	+/-10%
DN589B	840	4000	>90		108.0	1 000	+/-10%
DN589B	930	3000	>80		86.0	800	+/-10%
DN589B	940	4000	>90		92.0	860	+/-10%
DN590B	830	3000	>80		103.0	1 480	+/-10%
DN590B	830	3000	>80		104.0	1 410	+/-10%
DN590B	830	3000	>80		176.0	1 480	+/-10%
DN590B	830	4000	>80		115.0	1 550	+/-10%
DN590B	840	4000	>80		108.0	1 550	+/-10%
DN590B	840	4000	>80		109.0	1 470	+/-10%
DN590B	840	4000	>80		115.0	1 550	+/-10%
DN590B	840	4000	>80		185.0	1 550	+/-10%
DN590B	840	4000	>90		111.0	1 500	+/-10%
DN590B	930	3000	>80		88.0	1 190	+/-10%
DN590B	940	4000	>90		94.0	1 270	+/-10%
DN590B	TWH	2700 to 6500			185.0	2 500	+/-10%
DN591B	830	3000	>80		104.0	2 000	+/-10%
DN591B	830	3000	>80		105.0	2 030	+/-10%
DN591B	830	3000	>80		107.0	1 930	+/-10%
DN591B	830	3000	>80		109.0	2 100	+/-10%
DN591B	830	3000	>80		113.0	2 030	+/-10%
DN591B	830	3000	>80		150.0	2 030	+/-10%
DN591B	840	4000	>80		111.0	2 150	+/-10%
DN591B	840	4000	>80		113.0	2 040	+/-10%
DN591B	840	4000	>80		119.0	2 150	+/-10%
DN591B	840	4000	>90		109.0	2 100	+/-10%
DN591B	840	4000	>90		111.0	2 150	+/-10%
DN591B	930	3000	>80		87.0	1 670	+/-10%
DN591B	930	3000	>80		91.0	1 760	+/-10%
DN591B	940	4000	>90		93.0	1 800	+/-10%
DN591B	940	4000	>90		98.0	1 890	+/-10%
DN591B	TWH		>80	32	88.0	2 200	+/-15%
DN591B	TWH		>80	62	88.0	2 200	+/-15%
DN592B	830	3000	>80		109.0	2 510	+/-10%
DN592B	830	3000	>80		113.0	2 600	+/-10%
DN592B	840	4000	>80		113.0	2 600	+/-10%
DN592B	840	4000	>90		113.0	2 600	+/-10%
DN592B	930	3000	>80		92.0	2 110	+/-10%

More data see next page

Type	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
DN592B	940	4000	>90		98.0	2 260	+/-10%
DN593B	830	3000	>80		102.0	3 300	+/-10%
DN593B	840	4000	>80		99.0	3 230	+/-10%
DN593B	840	4000	>80		105.0	3 400	+/-10%
DN593B	840	4000	>80		189.0	3 400	+/-10%
DN593B	930	3000	>90		85.0	2 770	+/-10%
DN593B	940	4000	>90		91.0	2 970	+/-10%
DN594B	830	3000	>80		103.0	4 100	+/-10%
DN594B	840	4000	>80		103.0	4 090	+/-10%
DN594B	840	4000	>80		108.0	4 300	+/-10%
DN594B	840	4000	>80		132.0	4 300	+/-10%
DN594B	930	3000	>90		87.0	3 440	+/-10%
DN594B	940	4000	>90		93.0	3 700	+/-10%

[6] 'Light source color' value description(s): 'TWH' = Tunable white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white, '940' = 940 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
DN588B	II	IP20	IK03	CE	F	650/30	ROHS
DN588B	II	IP54/20	IK03	CE	F	650/30	ROHS
DN589B	II	IP20	IK03	CE	F	650/30	ROHS
DN589B	II	IP54/20	IK03	CE	F	650/30	ROHS
DN590B	I	IP20	IK03	CE	F	650/30	ROHS
DN590B	I	IP54/20	IK03	CE	F	650/30	ROHS
DN590B	II	IP20	IK03	CE	F	650/30	ROHS
DN590B	II	IP54/20	IK03	CE	F	650/30	ROHS
DN590B	III	IP20	IK03	CE	F	650/30	ROHS
DN591B	I	IP20	IK03	CE	F	650/30	ROHS
DN591B	I	IP54/20	IK03	CE	F	650/30	ROHS
DN591B	II	IP20	IK03	CE	F	650/30	ROHS
DN591B	II	IP54/20	IK03	CE	F	650/30	ROHS
DN592B	I	IP20	IK03	CE	F	650/30	ROHS
DN592B	II	IP20	IK03	CE	F	650/30	ROHS
DN592B	III	IP20	IK03	CE	F	650/30	ROHS
DN593B	I	IP20	IK03	CE	F	650/30	ROHS
DN593B	I	IP54/20	IK03	CE	F	650/30	ROHS
DN593B	II	IP20	IK03	CE	F	650/30	ROHS
DN593B	II	IP54/20	IK03	CE	F	650/30	ROHS
DN594B	I	IP20	IK03	CE	F	650/30	ROHS
DN594B	I	IP54/20	IK03	CE	F	650/30	ROHS
DN594B	II	IP20	IK03	CE	F	650/30	ROHS
DN594B	II	IP54/20	IK03	CE	F	650/30	ROHS

[7] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II, 'III' = Safety class III

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP54/20' = Dust accumulation protected, splash-proof/finger protected

[9] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J

[10] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



GreenSpace Flex is performance portfolio dedicated to Hospitality segment for GC/GM countries. With modular design concept, the light engines and different trims could have multiply of combination to satisfy diversified customer's requirement.

It delivers super flexibility, complete product range and seamlessly system integration to Hospitality customers.

Product Range



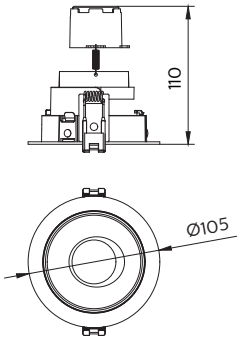

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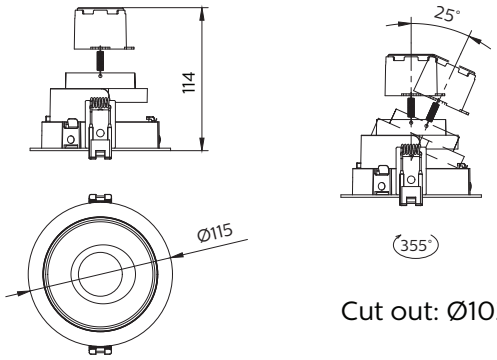

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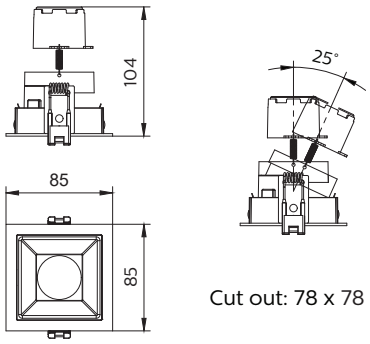
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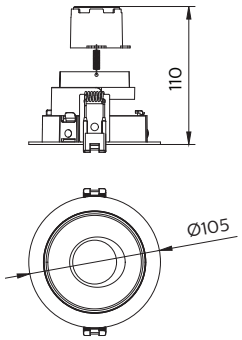
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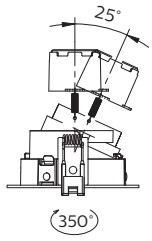


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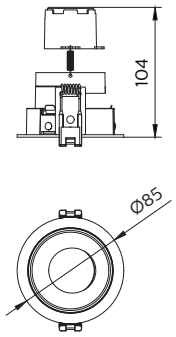


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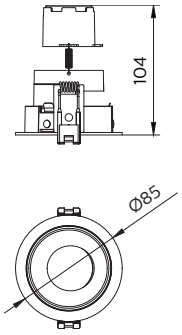


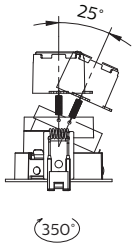


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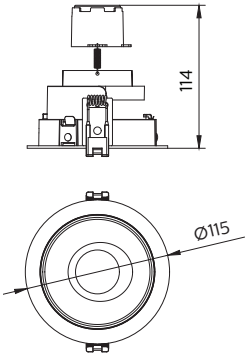


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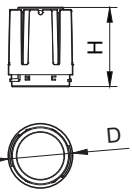




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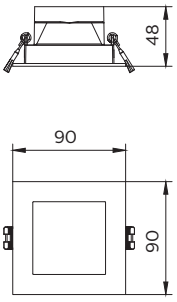


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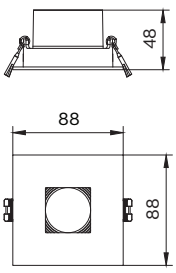


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RS378B P15 M55	55	49
RS378B P24 M70	70	90
RS378B P33 M87	87	107
RS378B P42 M102	102	116

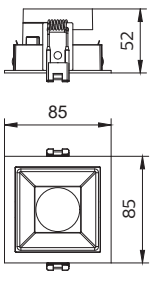
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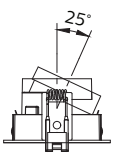


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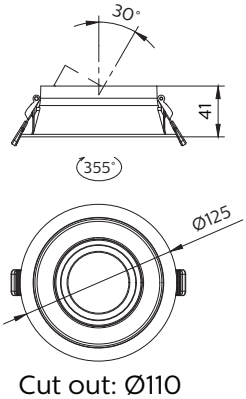


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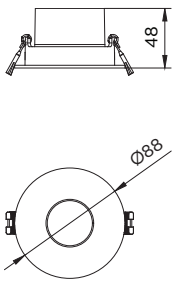


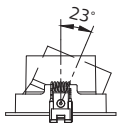


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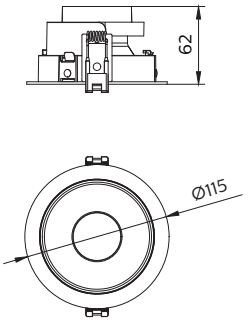


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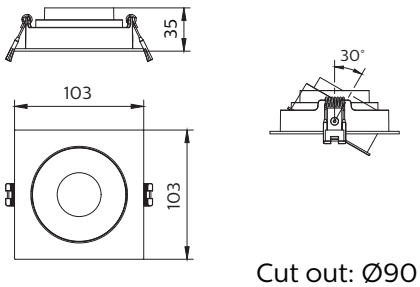


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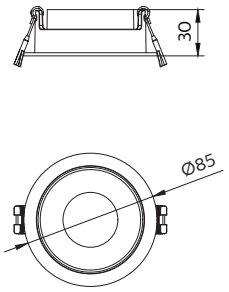
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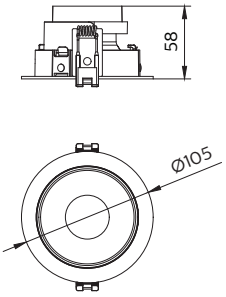
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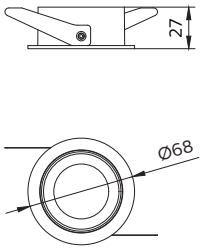
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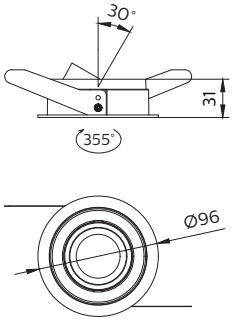
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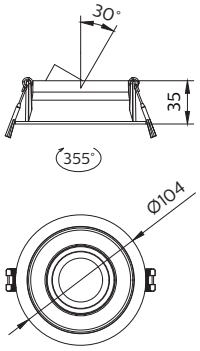
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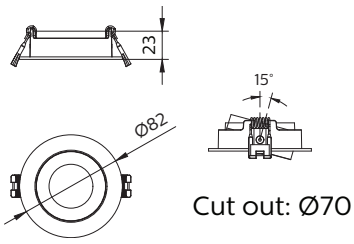
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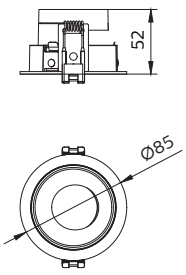
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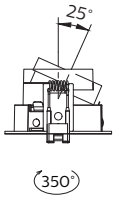
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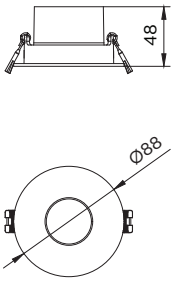
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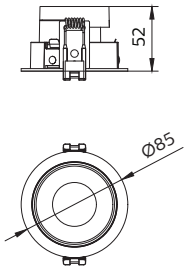
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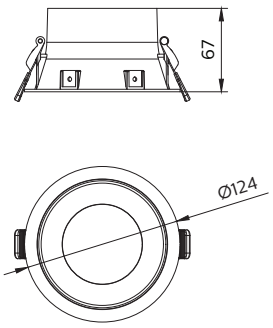
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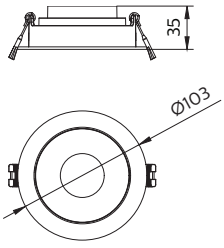
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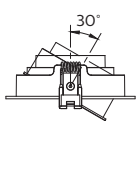
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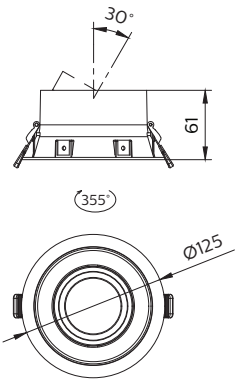
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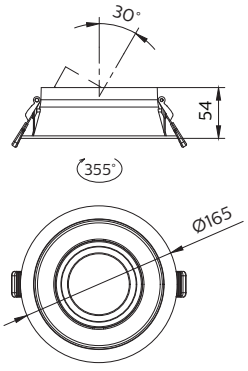
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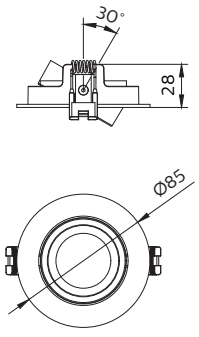
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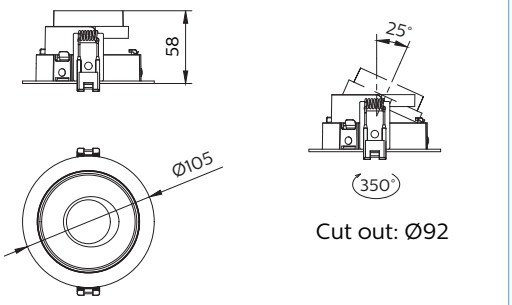
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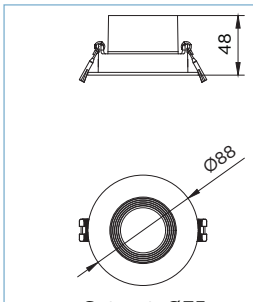


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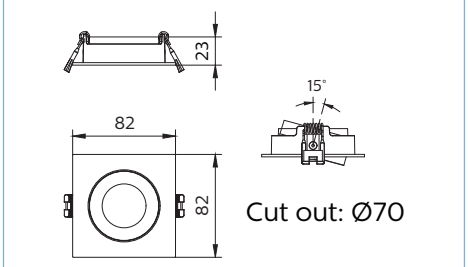
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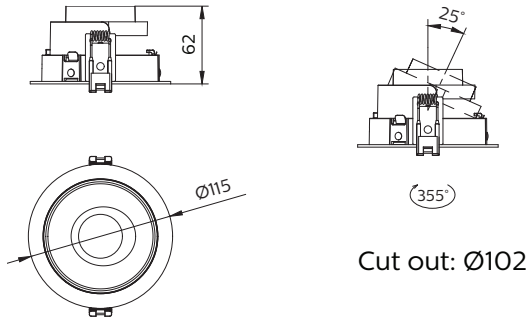
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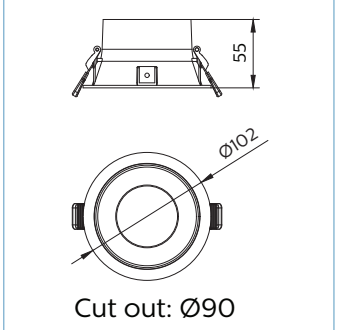
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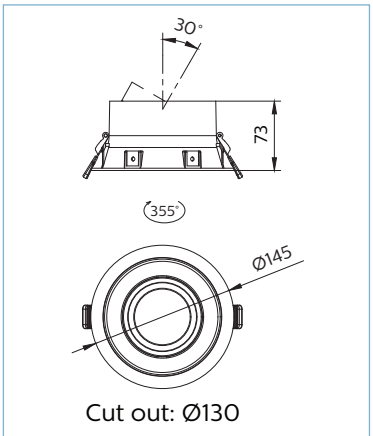
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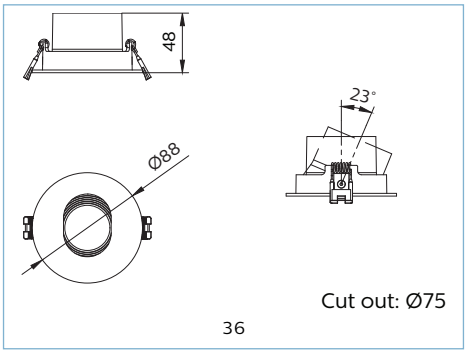
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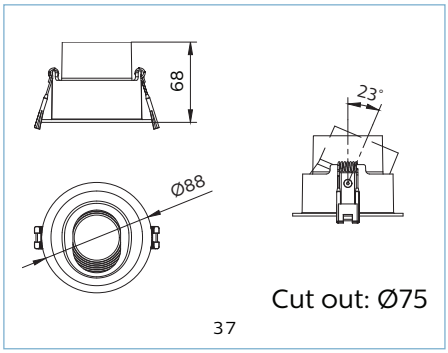
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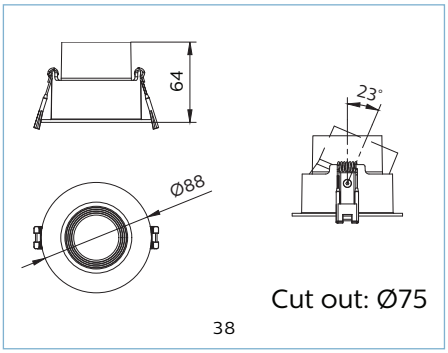
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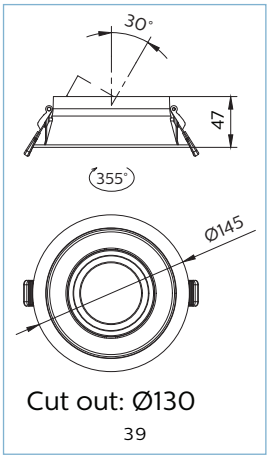
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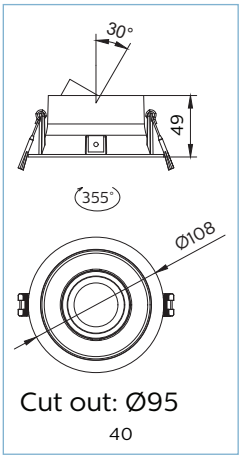
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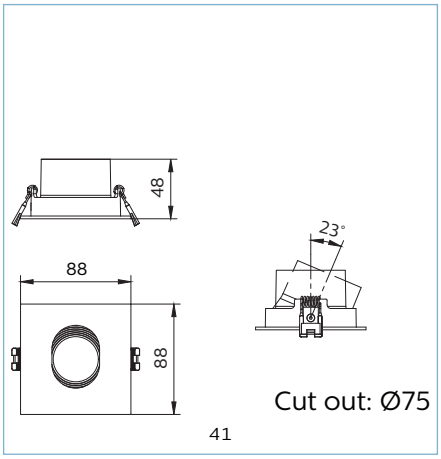
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41

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Photo letter	mm	Material Nr. (12NC) (9114...)
RS378B		ET	CE	GR		A	1	017**20882**
RS378B		ET	CE	GR		B	2	017**20822**
RS378B		ET	CE	GR		C	3	017**20862**
RS378B		ET	CE	GR		D	4	017**20872**
RS378B		ET	CE	GR		E	5	017**20852**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9114...)
RS378B		ET	CE	GR		F	6	01720842
RS378B		ET	CE	GR		G	7	01720832
RS378B	927	ET	CE	GR	6	H	8	01721132
RS378B	927	ET	CE	GR	6	H	8	01721102
RS378B	927	ET	CE	GR	6	H	8	01721072
RS378B	927	ET	CE	GR	6	H	8	01720892
RS378B	927	ET	CE	GR	6	H	8	01720952
RS378B	927	ET	CE	GR	6	H	8	01720922
RS378B	927	ET	CE	GR	11	H	8	01721192
RS378B	927	ET	CE	GR	11	H	8	01721162
RS378B	927	ET	CE	GR	11	H	8	01721042
RS378B	927	ET	CE	GR	11	H	8	01721222
RS378B	927	ET	CE	GR	11	H	8	01720982
RS378B	927	ET	CE	GR	11	H	8	01721012
RS378B	927	ET	CE	GR	15	I	8	01721252
RS378B	927	ET	CE	GR	15	I	8	01721342
RS378B	927	ET	CE	GR	15	I	8	01721402
RS378B	927	ET	CE	GR	15	I	8	01721372
RS378B	927	ET	CE	GR	15	I	8	01721312
RS378B	927	ET	CE	GR	15	I	8	01721282
RS378B	927	ET	CE	GR	24	J	8	01721432
RS378B	927	ET	CE	GR	24	J	8	01721492
RS378B	927	ET	CE	GR	24	J	8	01721462
RS378B	927	ET	CE	GR	33	K	8	01721552
RS378B	927	ET	CE	GR	33	K	8	01721582
RS378B	927	ET	CE	GR	33	K	8	01721522
RS378B	927	ET	CE	GR	42	L	8	01721672
RS378B	927	ET	CE	GR	42	L	8	01721612
RS378B	927	ET	CE	GR	42	L	8	01721642
RS378B	930	ET	CE	GR	6	H	8	01721142
RS378B	930	ET	CE	GR	6	H	8	01721112
RS378B	930	ET	CE	GR	6	H	8	01720962
RS378B	930	ET	CE	GR	6	H	8	01720902
RS378B	930	ET	CE	GR	6	H	8	01720932
RS378B	930	ET	CE	GR	6	H	8	01721082
RS378B	930	ET	CE	GR	11	H	8	01721232
RS378B	930	ET	CE	GR	11	H	8	01721172
RS378B	930	ET	CE	GR	11	H	8	01721022
RS378B	930	ET	CE	GR	11	H	8	01721202
RS378B	930	ET	CE	GR	11	H	8	01721052
RS378B	930	ET	CE	GR	11	H	8	01720992
RS378B	930	ET	CE	GR	15	I	8	01721262
RS378B	930	ET	CE	GR	15	I	8	01721322
RS378B	930	ET	CE	GR	15	I	8	01721352
RS378B	930	ET	CE	GR	15	I	8	01721292
RS378B	930	ET	CE	GR	15	I	8	01721382
RS378B	930	ET	CE	GR	15	I	8	01721412
RS378B	930	ET	CE	GR	24	J	8	01721502
RS378B	930	ET	CE	GR	24	J	8	01721472
RS378B	930	ET	CE	GR	24	J	8	01721442
RS378B	930	ET	CE	GR	33	K	8	01721562
RS378B	930	ET	CE	GR	33	K	8	01721592
RS378B	930	ET	CE	GR	33	K	8	01721532
RS378B	930	ET	CE	GR	42	L	8	01721682
RS378B	930	ET	CE	GR	42	L	8	01721622
RS378B	930	ET	CE	GR	42	L	8	01721652
RS378B	940	ET	CE	GR	6	H	8	01721122
RS378B	940	ET	CE	GR	6	H	8	01721152
RS378B	940	ET	CE	GR	6	H	8	01720912
RS378B	940	ET	CE	GR	6	H	8	01721092
RS378B	940	ET	CE	GR	6	H	8	01720972
RS378B	940	ET	CE	GR	6	H	8	01720942
RS378B	940	ET	CE	GR	11	H	8	01721212
RS378B	940	ET	CE	GR	11	H	8	01721032
RS378B	940	ET	CE	GR	11	H	8	01721002

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Photo letter	mm	Material Nr. (12NC) (9114...)
RS378B	940	ET	CE	GR	11	H	8	017**21182**
RS378B	940	ET	CE	GR	11	H	8	017**21242**
RS378B	940	ET	CE	GR	11	H	8	017**21062**
RS378B	940	ET	CE	GR	15	I	8	017**21332**
RS378B	940	ET	CE	GR	15	I	8	017**21422**
RS378B	940	ET	CE	GR	15	I	8	017**21302**
RS378B	940	ET	CE	GR	15	I	8	017**21272**
RS378B	940	ET	CE	GR	15	I	8	017**21392**
RS378B	940	ET	CE	GR	15	I	8	017**21362**
RS378B	940	ET	CE	GR	24	J	8	017**21482**
RS378B	940	ET	CE	GR	24	J	8	017**21452**
RS378B	940	ET	CE	GR	24	J	8	017**21512**
RS378B	940	ET	CE	GR	33	K	8	017**21542**
RS378B	940	ET	CE	GR	33	K	8	017**21572**
RS378B	940	ET	CE	GR	33	K	8	017**21602**
RS378B	940	ET	CE	GR	42	L	8	017**21662**
RS378B	940	ET	CE	GR	42	L	8	017**21632**
RS378B	940	ET	CE	GR	42	L	8	017**21692**
RS378Z				WH		M	9	017**21862**
RS378Z				WH		N	10	017**21892**
RS378Z				WH		O	11	017**21722**
RS378Z				WH		P	12	017**22002**
RS378Z				WH		Q	13	017**21872**
RS378Z				WH		R	14	017**21762**
RS378Z				WH		S	15	017**21962**
RS378Z				WH		T	16	017**21782**
RS378Z				WH		U	17	017**21742**
RS378Z				WH		V	18	017**21772**
RS378Z				WH		W	19	017**21802**
RS378Z				WH		X	20	017**21812**
RS378Z				WH		Y	21	017**21932**
RS378Z				WH		Z	22	017**21702**
RS378Z				WH		AA	23	017**21832**
RS378Z				WH		AB	24	017**21712**
RS378Z				WH		AC	25	017**22072**
RS378Z				WH		AD	26	017**21952**
RS378Z				WH		AE	27	017**22022**
RS378Z				WH		AF	28	017**22122**
RS378Z				WH		AG	29	017**21792**
RS378Z				WH		AH	30	017**21732**
RS378Z				WH		AI	31	017**21852**
RS378Z				WH		AJ	32	017**21942**
RS378Z				WH		AK	33	017**21752**
RS378Z				WH		AL	34	017**22012**
RS378Z				WH		AM	35	017**22082**
RS378Z				WH		AN	31	017**21842**
RS378Z				WH		AO	36	017**21882**
RS378Z				WH		AP	37	017**21922**
RS378Z				WH		AQ	38	017**21912**
RS378Z				WH		AR	39	017**22062**
RS378Z				WH		AS	40	017**21822**
RS378Z				WH		AT	41	017**21902**

[1] 'Lamp' value description(s): '927' = 927 warm white, '930' = 930 warm white, '940' = 940 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'ET' = Electronic transformer

[3] 'Connection' value description(s): 'CE' = External connector

[4] 'Accessory color' value description(s): 'GR' = Gray, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Initial input power (W)	Median useful life L80B50 (h)
RS378B	50-60	220 to 240	+/-10%			50 000
RS378B	50-60	220 to 240	+/-10%	0.5	6	50 000
RS378B	50-60	220 to 240	+/-10%	0.9	11	50 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Initial input power (W)	Median useful life L80B50 (h)
RS378B	50-60	220 to 240	+/-10%	0.9	15	50 000
RS378B	50-60	220 to 240	+/-10%	0.9	24	50 000
RS378B	50-60	220 to 240	+/-10%	0.9	33	50 000
RS378B	50-60	220 to 240	+/-10%	0.9	42	50 000
RS378Z						

Light technical data

Type	Light source color[5]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous flux tolerance
RS378B						+/-10%
RS378B	927	2700	>90		SDCM<3	+/-10%
RS378B	927	2700	>90	18	SDCM<3	+/-10%
RS378B	927	2700	>90	24	SDCM<3	+/-10%
RS378B	927	2700	>90	30	SDCM<3	+/-10%
RS378B	927	2700	>90	32	SDCM<3	+/-10%
RS378B	927	2700	>90	40	SDCM<3	+/-10%
RS378B	930	3000	>90		SDCM<3	+/-10%
RS378B	930	3000	>90	18	SDCM<3	+/-10%
RS378B	930	3000	>90	24	SDCM<3	+/-10%
RS378B	930	3000	>90	30	SDCM<3	+/-10%
RS378B	930	3000	>90	32	SDCM<3	+/-10%
RS378B	930	3000	>90	40	SDCM<3	+/-10%
RS378B	940	4000	>90		SDCM<3	+/-10%
RS378B	940	4000	>90	18	SDCM<3	+/-10%
RS378B	940	4000	>90	24	SDCM<3	+/-10%
RS378B	940	4000	>90	30	SDCM<3	+/-10%
RS378B	940	4000	>90	32	SDCM<3	+/-10%
RS378B	940	4000	>90	40	SDCM<3	+/-10%
RS378Z						

[5] 'Light source color' value description(s): '927' = 927 warm white, '930' = 930 warm white, '940' = 940 neutral white

Protection & classification standards

Type	Protection class IEC[6]	IP Classification[7]	Mech. impact protection code[8]	CE mark	Glow-wire test[9] (°C/s)	RoHS mark
RS378B	II	IP20	IK04	CE	600/30	ROHS
RS378B	III	IP20	IK04		600/30	ROHS
RS378Z			IK04			
RS378Z			IK04		600/30	

[6] 'Protection class IEC' value description(s): 'II' = Safety class II, 'III' = Safety class III

[7] 'IP Classification' value description(s): 'IP20' = Finger-protected

[8] 'Mech. impact protection code' value description(s): 'IK04' = 0.5 J standard plus

[9] 'Glow-wire test' value description(s): '600/30' = Temperature 600 °C, duration 30 s



High light output and attractive design

The Europa range offers high performance and an attractive design. It offers an effective solution for various types of commercial establishments since it optimizes the use of electrical energy whilst also ensuring visual comfort. The downlighters of the Europa range create a pleasant and inviting atmosphere, making the lighting an excellent way to promote sales.

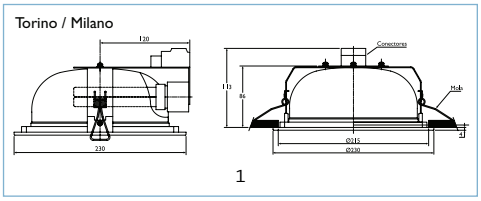
Product Range

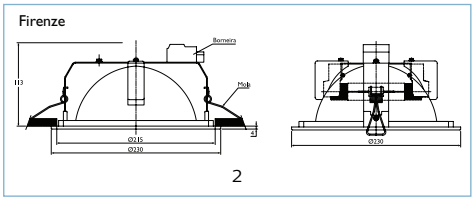






Dimension Drawing





Technical Specification

Type	Lamp[1]	Optical cover/lens type[2]	Accessory color[3]	Photo letter	mm	Material Nr. (12NC)
	2x18W PL-C-2P		WH	A	1	9193060**12628**
	2x18W PL-C-2P/840	GF	WH	B	1	9193060**12601**
	2x18W PL-C-4P/840	DG	WH	A	1	9191060**31099**
	2x18W PL-C-4P/840	GF	WH	B	1	9191060**27453**
	2x26W PL-C-2P		WH	A	1	9193060**12637**
	2x26W PL-C-2P/840	GF	WH	B	1	9193060**12611**
	2x26W PL-C-4P/840	GF	WH	B	1	9191060**31101**
MBS675	1x70W CDM-TD/830	DG	WH	C	2	9193060**12581**
MBS675	1x70W MHN-TD/842	DG	WH	C	2	9193060**12561**
MBS675	1x150W CDM-TD/830	DG	WH	C	2	9193060**12591**
MBS675	1x150W MHN-TD/842	DG	WH	C	2	9193060**12571**

[1] 'Lamp' value description(s): 'CDM-TD' = MASTERColour CDM-TD, 'PL-C-2P' = MASTER PL-C 2 Pin, 'PL-C-4P' = MASTER PL-C 4 Pin, '830' = 830 warm white, '840' = 840 neutral white, '842' = 842 neutral white

[2] 'Optical cover/lens type' value description(s): 'DG' = Decorative glass, 'GF' = Glass frosted

[3] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp power (W)
	60	220	18
	60	220	26
MBS675	60	220	70
MBS675	60	220	150

Light technical data

Type	Lamp family code[4]	Light source color[5]
	PL-C-2P	
	PL-C-2P	840
	PL-C-4P	840
MBS675	CDM-TD	830
MBS675	MHN-TD	842

[4] 'Lamp family code' value description(s): 'CDM-TD' = MASTERColour CDM-TD, 'PL-C-2P' = MASTER PL-C 2 Pin, 'PL-C-4P' = MASTER PL-C 4 Pin

[5] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '842' = 842 neutral white





GreenSpace Accent Gridlight 212



StoreFlux gen3 rim 215



StoreFlux gen3 rimless 218



A flexible and affordable retail toolbox

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Gridlight's regular cut-out and two clips make retrofit installation quick and easy by a single installer. For fashion retailers, GreenSpace Accent Gridlight is also available with special light flavors to show the clothes and goods on offer in the very best light. CrispWhite is the clear choice for fashion retailers to make colors appear rich and intense while keeping whites bright. PremiumWhite is the best CDM Elite alternative for high color rendering with a warm light ambiance.

Product Range


A


B

Detailed Photos

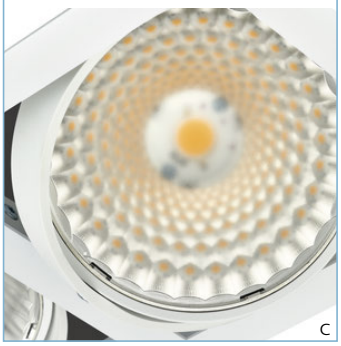
GreenSpace Accent Gridlight extracted, single version


A

GreenSpace Accent Gridlight extracted, single version


B

GreenSpace Accent Gridlight front face


C

GreenSpace Accent Gridlight fully recessed, double version


D

GreenSpace Accent Gridlight extracted, double version


E

GreenSpace Accent Gridlight fully recessed, double version


F

GreenSpace Accent Gridlight back view, double version


G

GreenSpace Accent Gridlight extracted, double version

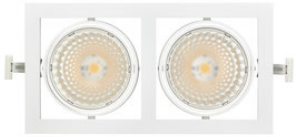

H

GreenSpace Accent Gridlight extracted, double version



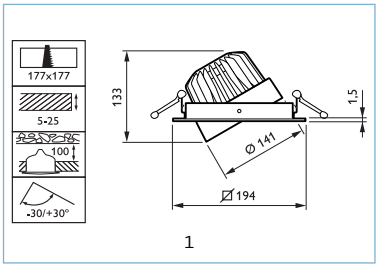
I

GreenSpace Accent Gridlight below view, double version

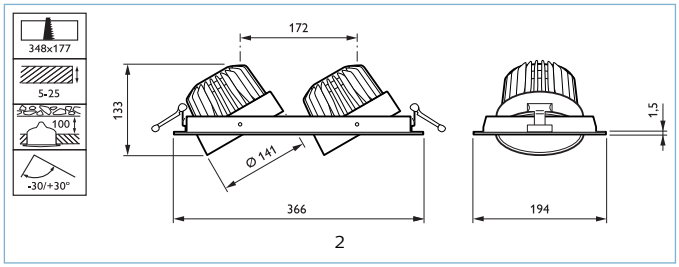


J

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
GD201B												9124014**83121**
GD202B												9124014**83122**
GD301B	1 LED17S/830	PSU-E	24	PC	PIP	WH	14.8	115.0	A	A, B	1	910500**459232**
GD301B	1 LED27S/830	PSU-E	12	PC	PIP	WH	26.5	102.0	A	A, B	1	910500**459234**
GD301B	1 LED27S/830	PSU-E	24	PC	PIP	WH	26.5	102.0	A		1	910771**117509**
GD301B	1 LED27S/830	PSU-E	24	PC	PIP	WH	26.5	102.0	A	A, B	1	910500**459233**
GD301B	1 LED27S/830	PSU-E	36	PC	PIP	WH	26.5	102.0	A		1	910771**117510**
GD302B	2 LED17S/830	PSE-E	24	PC	PIP	WH	14.5	117.0	B	C-J	2	910500**458764**
GD302B	2 LED17S/PW9	PSE-E	24	PC	PIP	WH	17.5	97.0	B	C-J	2	910500**458767**
GD302B	2 LED27S/830	PSE-E	24	PC	PIP	WH	26.0	104.0	B	C-J	2	910500**459086**
GD302B	2 LED27S/830	PSE-E	24	PC	PIP	WH	26.0	104.0	B	C-J	2	910500**458765**
GD302B	2 LED27S/830	PSE-E	36	PC	PIP	WH	26.0	104.0	B		2	910771**117511**
GD302B	2 LED27S/830	PSED-E	24	PC	PIP	WH	26.0	104.0	B	C-J	2	910500**459238**
GD302B	2 LED27S/830	PSED-E	24	PC	PIP	WH	26.0	104.0	B	C-J	2	910500**459236**
GD302B	2 LED27S/PW9	PSE-E	24	PC	PIP	WH	30.0	90.0	B	C-J	2	910500**459239**
GD302B	2 LED27S/PW9	PSE-E	24	PC	PIP	WH	30.0	90.0	B	C-J	2	910500**458769**
GD302B	2 LED27S/PW9	PSED-E	24	PC	PIP	WH	30.0	90.0	B	C-J	2	910500**459237**
GD302B	2 LED35/830	PSE-E	24	PC	PIP	WH	33.5	104.0	B	C-J	2	910500**459240**
GD302B	2 LED35/830	PSE-E	24	PC	PIP	WH	33.5	104.0	B	C-J	2	910500**459242**
GD302B	2 LED35/830	PSE-E	36	PC	PIP	WH	33.5	104.0	B		2	910771**117512**
GD302B	2 LED35/830	PSED-E	24	PC	PIP	WH	33.5	104.0	B	C-J	2	910500**459243**
GD302B	2 LED35/830	PSED-E	24	PC	PIP	WH	33.5	104.0	B	C-J	2	910500**459241**
GD302B	2 LED35/PW9	PSE-E	24	PC	PIP	WH	38.0	92.0	B	C-J	2	910500**459244**
GD302B	2 LED35/PW9	PSE-E	24	PC	PIP	WH	38.0	92.0	B	C-J	2	910500**458770**
GD302B	2 LED35/PW9	PSED-E	24	PC	PIP	WH	38.0	92.0	B	C-J	2	910500**459125**

[1] 'Type' value description(s): '**GD301B**' = GreenSpace Accent Gridlight, '**GD302B**' = GreenSpace Accent Gridlight

[2] 'Lamp' value description(s): '**LED17S**' = LED Module, system flux 1 700 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**LED35**' = LED module 3 500 lm, '**PW9**' = Premium white with CRI ≥90, '**830**' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): '**PSE-E**' = Power supply unit external, DC compatible for central emergency lighting, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting, '**PSU-E**' = Power supply unit external

[4] 'Optic type' value description(s): '**12**' = Beam angle 12°, '**24**' = Beam angle 24°, '**36**' = Beam angle 36°

[5] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
GD201B											
GD202B											
GD301B	50-60	220-240	+/-10%	0.9	0.240	18.6	14.8	1	70 000	50 000	25 000
GD301B	50-60	220-240	+/-10%	0.9	0.240	18.6	26.5	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	14.5	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	17.5	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	26.0	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	30.0	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	33.5	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.300	32.0	38.0	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.195	20.4	26.0	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.195	20.4	30.0	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.195	20.4	33.5	1	70 000	50 000	25 000
GD302B	50-60	220-240	+/-10%	0.9	0.195	20.4	38.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
GD201B									
GD202B									
GD301B	LED17S	830	3000	≥80	24	(0.43,0.40) SDCM <3	115.0	1 700	+/-10%
GD301B	LED27S	830	3000	≥80	12	(0.43,0.40) SDCM <3	102.0	2 700	+/-10%
GD301B	LED27S	830	3000	≥80	24	(0.43,0.40) SDCM <3	102.0	2 700	+/-10%
GD301B	LED27S	830	3000	≥80	36	(0.43,0.40) SDCM <3	102.0	2 700	+/-10%
GD302B	LED17S	830	3000	≥80	24	(0.43,0.40) SDCM <3	117.0	1 700	+/-10%
GD302B	LED17S	PW9	3000	≥90	24	(0.42,0.39) SDCM <3	97.0	1 700	+/-10%
GD302B	LED27S	830	3000	≥80	24	(0.43,0.40) SDCM <3	104.0	2 700	+/-10%
GD302B	LED27S	830	3000	≥80	36	(0.43,0.40) SDCM <3	104.0	2 700	+/-10%
GD302B	LED27S	PW9	3000	≥90	24	(0.42,0.39) SDCM <3	90.0	2 700	+/-10%
GD302B	LED35	830	3000	≥80	24	(0.43,0.40) SDCM <3	104.0	3 500	+/-10%
GD302B	LED35	830	3000	≥80	36	(0.43,0.40) SDCM <3	104.0	3 500	+/-10%
GD302B	LED35	PW9	3000	≥90	24	(0.42,0.39) SDCM <3	92.0	3 500	+/-10%

[8] 'Lamp family code' value description(s): 'LED17S' = LED Module, system flux 1 700 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED35' = LED module 3 500 lm

[9] 'Light source color' value description(s): 'PW9' = Premium white with CRI ≥90, '830' = 830 warm white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
GD201B								
GD202B								
GD301B	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
GD302B	I	IP20	IK02	CE	ENEC	F	650/30	ROHS
GD302B	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



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The StoreFlux gridlight can be equipped with up to four LED modules with a special reflector system to deliver top-quality light that makes your shop and merchandise look great. The combination of multiple LED sources with high lumen packages in one luminaire creates sparkling light effects. StoreFlux offers low maintenance compared with CDM and high efficiency compared to halogen.

Product Range


A


B


C


D


E

Detailed Photos

Bottom view excluding drivers


A

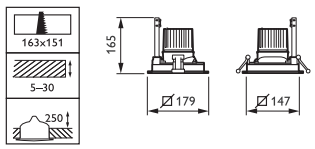
Top view excluding drivers


B

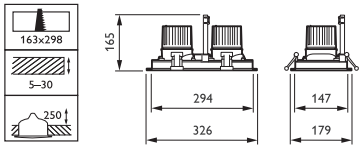
Side view of rotation system


C

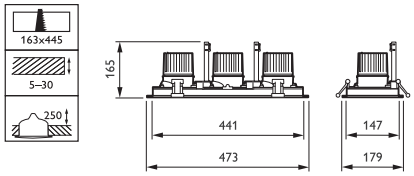
Dimension Drawing



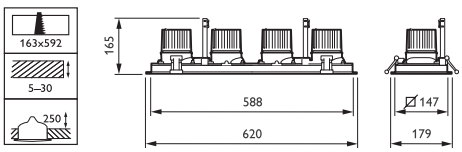
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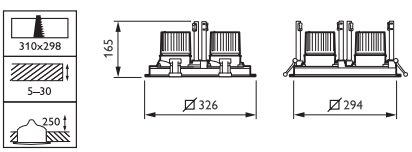
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3



4



5

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
GD601B	1 LED12S/830	PSU-E	MB	ACT	PIP	WH-WH	10.2	118.0	A	A-C	1	00458291
GD601B	1 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	A	A-C	1	00458190
GD601B	1 LED20S/830	PSU-E	NB	GC	PIP	WH-WH	21.0	95.0	A	A-C	1	00458292
GD601B	1 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	A	A-C	1	00458191
GD601B	1 LED39S/830	PSU-E	MB	ACT	PIP	WH-WH	32.0	122.0	A	A-C	1	00458192
GD602B	2 LED12S/830	PSU-E	MB	ACT	PIP	WH-WH	10.2	118.0	B	A-C	2	00458293
GD602B	2 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	B	A-C	2	00458193
GD602B	2 LED20S/830	PSU-E	NB	GC	PIP	WH-WH	21.0	95.0	B	A-C	2	00458294
GD602B	2 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	B	A-C	2	00458194
GD602B	2 LED39S/830	PSU-E	MB	ACT	PIP	WH-WH	32.0	122.0	B	A-C	2	00458195
GD603B	3 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	C	A-C	3	00458296
GD603B	3 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	C	A-C	3	00458298
GD603B	3 LED39S/830	PSU-E	MB	ACT	PIP	WH-WH	32.0	122.0	C	A-C	3	00458299
GD604B	4 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	D	A-C	4	00458304
GD605B	4 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	E	A-C	5	00458308

[1] 'Type' value description(s): 'GD601B' = StoreFlux3, 'GD602B' = StoreFlux3, 'GD603B' = StoreFlux3, 'GD604B' = StoreFlux3, 'GD605B' = StoreFlux3

[2] 'Lamp' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, '830' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam

[5] 'Optical cover/lens type' value description(s): 'ACT' = Acrylic toothed, 'GC' = Clear glass

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'WH-WH' = White and white

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
GD601B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	10.2	1	70 000	50 000	25 000
GD601B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD601B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	32.0	1	70 000	50 000	25 000
GD601B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD601B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	21.0	1	70 000	50 000	25 000
GD602B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	10.2	1	70 000	50 000	25 000
GD602B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD602B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	32.0	1	70 000	50 000	25 000
GD602B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD602B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	21.0	1	70 000	50 000	25 000
GD603B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD603B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	32.0	1	70 000	50 000	25 000
GD603B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD604B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD605B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
GD601B	LED12S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
GD601B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD601B	LED20S	830	3000	≥80	10	(0.43, 0.40) SDCM <3	95.0	2 000	+/-10%
GD601B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
GD601B	LED39S	830	3000	≥80	28	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
GD602B	LED12S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
GD602B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD602B	LED20S	830	3000	≥80	10	(0.43, 0.40) SDCM <3	95.0	2 000	+/-10%
GD602B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%

More data see next page

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
GD602B	LED39S	830	3000	≥80	28	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
GD603B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD603B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
GD603B	LED39S	830	3000	≥80	28	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
GD604B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
GD605B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%

[8] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm

[9] 'Light source color' value description(s): '830' = 830 warm white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
GD601B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD602B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD603B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD604B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD605B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



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Product Range


A


B


C


D

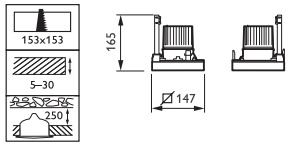
Detailed Photos


A

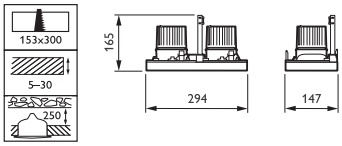

B


C

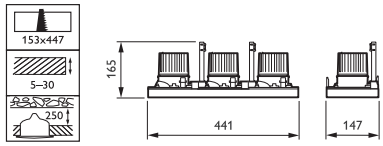
Dimension Drawing



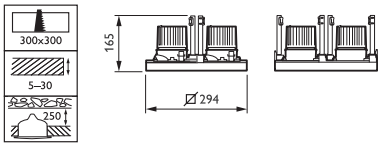
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2



3



4

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
GD611B	1 LED12S/830	PSU-E	MB	ACT	PIP	WH-WH	10.2	118.0	A	A-C	1	004**58447**
GD611B	1 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	A	A-C	1	004**58448**
GD611B	1 LED20S/830	PSU-E	NB	GC	PIP	WH-WH	21.0	95.0	A	A-C	1	004**58449**
GD611B	1 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	A	A-C	1	004**58450**
GD612B	2 LED12S/830	PSU-E	MB	ACT	PIP	WH-WH	10.2	118.0	B	A-C	2	004**58452**
GD612B	2 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	B	A-C	2	004**58226**
GD612B	2 LED20S/830	PSU-E	NB	GC	PIP	WH-WH	21.0	95.0	B	A-C	2	004**58453**
GD612B	2 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	B	A-C	2	004**58454**
GD613B	3 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	C	A-C	3	004**58457**
GD615B	4 LED17S/830	PSU-E	MB	ACT	PIP	WH-WH	13.8	123.0	D	A-C	4	004**58465**
GD615B	4 LED27S/830	PSU-E	MB	ACT	PIP	WH-WH	23.5	115.0	D	A-C	4	004**58467**

[1] 'Type' value description(s): 'GD611B' = StoreFlux3, 'GD612B' = StoreFlux3, 'GD613B' = StoreFlux3, 'GD615B' = StoreFlux3

[2] 'Lamp' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, '830' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSU-E' = Power supply unit external

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam

[5] 'Optical cover/lens type' value description(s): 'ACT' = Acrylic toothed, 'GC' = Clear glass

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'WH-WH' = White and white

Accessory Range

Installation frame



A

Installation frame



B

Installation frame



C

Installation frame



D

Installation frame



E

Accessory Specification

Type[8]	Ceiling mounting accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
GD501Z	CFRM-RML	A	UNP / 1	004**52726**
GD501Z	CFRM-RML	B	UNP / 1	004**52723**
GD501Z	CFRM-RML	C	UNP / 1	004**52727**
GD501Z	CFRM-RML	D	UNP / 1	004**52724**
GD501Z	CFRM-RML	E	UNP / 1	004**52725**

[8] 'Type' value description(s): 'GD501Z' = Gridlight LED Recessed

[9] 'Ceiling mounting accessories' value description(s): 'CFRM-RML' = Ceiling frame for recessed mounting, rimless

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
GD611B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	10.2	1	70 000	50 000	25 000
GD611B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD611B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD611B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	21.0	1	70 000	50 000	25 000
GD612B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	10.2	1	70 000	50 000	25 000
GD612B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD612B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD612B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	21.0	1	70 000	50 000	25 000
GD613B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000
GD615B	50-60	220 to 240	+/-10%	0.9	0.25	18.0	23.5	1	70 000	50 000	25 000
GD615B	50-60	220 to 240	+/-10%	0.9	0.31	6.1	13.8	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
GD611B	LED12S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
GD611B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD611B	LED20S	830	3000	≥80	10	(0.43, 0.40) SDCM <3	95.0	2 000	+/-10%
GD611B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
GD612B	LED12S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
GD612B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD612B	LED20S	830	3000	≥80	10	(0.43, 0.40) SDCM <3	95.0	2 000	+/-10%
GD612B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
GD613B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD615B	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM <3	123.0	1 700	+/-10%
GD615B	LED27S	830	3000	≥80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%

[10] 'Lamp family code' value description(s): 'LED12S' = LED Module, system flux 1 200 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm

[11] 'Light source color' value description(s): '830' = 830 warm white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
GD611B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD612B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD613B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
GD615B	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[12] 'Protection class IEC' value description(s): 'II' = Safety class II

[13] 'IP Classification' value description(s): 'IP20' = Finger-protected

[14] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[15] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[16] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s


Bizuu

LED luminaires


SM500T 223


TrueFashion 225


GreenSpace Accent Projector 232


ProAir 237


StyliD 240


StyliD CrispWhite 248


StyliD PremiumWhite 250


StyliD PerfectBeam 253


StyliD Fresh Food 255


CoreLine Projector 257


Essential Smart Bright Projector 260

Accessory


3-circuit Square RCS750 264


DALI Square Track 267



SM500T - Ambiance creation made flexible

In today's retail market, online sales are growing rapidly and fierce competition is the order of the day. Therefore, retailers want to create experiences that will attract customers to their stores. The SM500T adds atmosphere to your store by introducing contrast and breaking up the traditional continuous light-lines. A variety of beam shapes combined with excellent light quality ensures the merchandise stands out, whilst at the same time enabling you to create your chosen ambience. The SM500T is equipped with power-track connectors. These make it easy to install and to replace or upgrade when re-using existing track. And if your needs change, you can simply adapt the lighting by repositioning the fixtures along the track. This makes the SM500T a truly flexible tool for setting the ambiance.

Product Range


A


B


C

Detailed Photos

Rear side of fixture


A

Simple connecting standard track adaptors


B

Excellent controlled light distribution available in various beam shapes; here we see the illuminating effect of the very wide beam optics.


C

Sparkling LED optics


D

Rear side of fixture


E

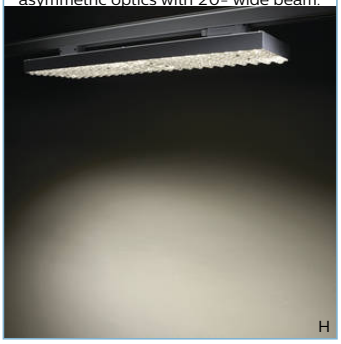
Simple connecting standard track adaptors


F

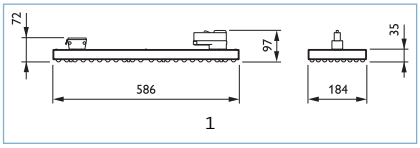
Sparkling LED optics


G

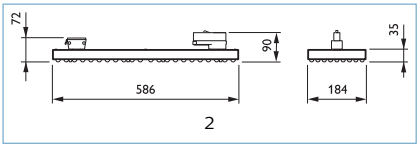
Excellent controlled light distribution available in various beam shapes; here we see the illuminating effect of the double asymmetric optics with 20º wide beam.


H

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SM500T	1 LED79S/830	PSD	DA20	PM	CU3	BK	53.0	149	A	A-D	1	040**96603**
SM500T	1 LED79S/830	PSD	WB	PM	CU3	BK	53.0	149	A	A-D	1	040**96703**
SM500T	1 LED79S/830	PSU	DA35	PM	CU3	GR	53.0	149	B	C-F	2	040**97003**
SM500T	1 LED79S/830	PSU	VWB	PM	CU3	GR	53.0	149	B	C-F	2	040**97103**
SM500T	1 LED79S/840	PSU	DA20-WB	PM	CU3	GR	49.5	160	C	E-H	2	040**96803**
SM500T	1 LED79S/840	PSU	WB	PM	CU3	GR	49.5	160	B	C-F	2	040**96903**

[1] 'Type' value description(s): '**SM500T**' = SM500

[2] 'Lamp' value description(s): '**LED79S**' = LED Module, system flux 7 900 lm, '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**DA20**' = Double asymmetric optic 20°, '**DA20-WB**' = Double asymmetric optic 20° wide beam, '**DA35**' = Double asymmetric optic 35°, '**VWB**' = Very wide beam, '**WB**' = Wide beam

[5] 'Optical cover/lens type' value description(s): '**PM**' = Polymethyl methacrylate bowl/cover

[6] 'Connection' value description(s): '**CU3**' = Connection unit 3-pole

[7] 'Accessory color' value description(s): '**BK**' = Black, '**GR**' = Gray

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
SM500T	50-60	220-240	+/-5%	0.97	0.280	19	49.5	1	70 000	50 000	25 000
SM500T	50-60	220-240	+/-5%	0.97	0.280	19	53.0	1	70 000	50 000	25 000
SM500T	50-60	220-240	+/-5%	0.97	0.275	22	53.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
SM500T	LED79S	830	3000	≥80	110	(0.43, 0.40) SDCM<3	149	7 900	+/-10%
SM500T	LED79S	830	3000	≥80	135	(0.43, 0.40) SDCM<3	149	7 900	+/-10%
SM500T	LED79S	830	3000	≥80	150	(0.43, 0.40) SDCM<3	149	7 900	+/-10%
SM500T	LED79S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	160	7 900	+/-10%
SM500T	LED79S	840	4000	≥80	115	(0.38, 0.38) SDCM <3	160	7 900	+/-10%

[8] 'Lamp family code' value description(s): '**LED79S**' = LED Module, system flux 7 900 lm

[9] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
SM500T	I	IP20	IK02	CE	ENEC+	F	650/30	ROHS

[10] 'Protection class IEC' value description(s): '**I**' = Safety class I

[11] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[12] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[13] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



The best quality of light in miniaturized spots for Fashion Retail

TrueFashion is a dedicated LED spot family answering to the specific needs of Fashion Retailers. These miniaturized spots with clean and fine detailing offer contemporary design and blend seamlessly into your store interior for a tailor-made look. This spot family provides the best quality of light by using innovative lenses to optimize the contrasts within the store. Thanks to the Philips fashion light flavors that are specifically developed to enhance colors and visual qualities, TrueFashion ensures a superior light experience. TrueFashion also supports your global expansion plans by being prepared for international certifications. In addition, we offer dedicated logistics and a local presence globally. Fashion is evolving rapidly towards a new balance between online and offline shopping. TrueFashion creates an optimal shopper experience to attract and engage the shopper, while bringing the connected future of lighting in the store by being ready to be connected to Philips fashion concepts such as dynamic window and EasyAim.

Product Range


A


B


C


D


E


F


G


H


I


J


K


L


M


N


O


P


Q


R


S


T


U

Detailed Photos

Truefashion-ST700T_Mini_BK-3DPP.tif



A

Truefashion-ST700T_Mini_BK-4DPP.tif



B

Truefashion-ST700T_Mini_BK-2DPP.tif



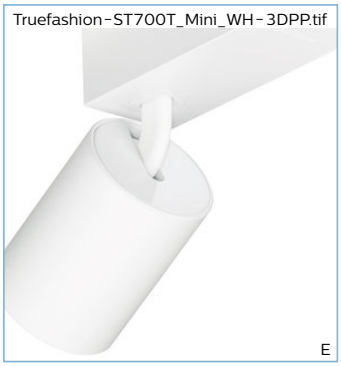
C

Truefashion-ST700T_Mini_BK-1DPP.tif



D

Truefashion-ST700T_Mini_WH-3DPP.tif



E

Truefashion-ST700T_Mini_WH-4DPP.tif



F

Truefashion-ST700T_Mini_WH-2DPP.tif



G

Truefashion-ST700T_Mini_WH-1DPP.tif



H

Truefashion-ST710T_Compact_WH-2DPP.tif



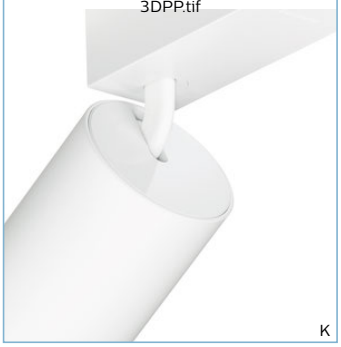
I

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J

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K

Truefashion-ST710T-DPP.tif



L

Truefashion-ST710T_Compact_WH-1DPP.tif



M

Truefashion-ST710T_Compact_BK-4DPP.tif



N

Truefashion-ST710Z-Acc-SPP.tif



O

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P

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Q

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R

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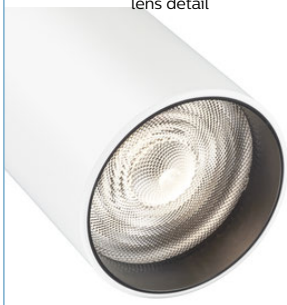
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ST710T/ST711T BK Truefashion Compact lens detail



T

ST710T/ST711T WH Truefashion Compact lens detail



U

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V

TrueFashion-ST711T-BK-3DPP.TIF



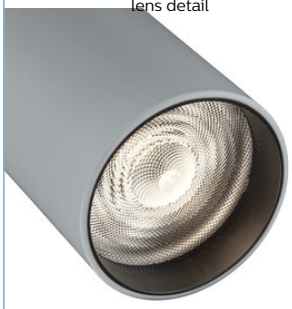
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TrueFashion-ST711T-BK-2DPP.TIF



X

ST710T/ST711T SI Truefashion Compact lens detail



Y

TrueFashion-ST711T-WH-2DPP.TIF



Z

TrueFashion-ST711T-WH-3DPP.TIF



AA

TrueFashion-ST711T-WH-1DPP.TIF



AB

TrueFashion-ST712T_PSU_BK-2DPP.TIF



AC

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AD

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AE

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AF

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AG

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AH

Truefashion-ST720T_BK_ST721T_BK-2DPP.tif



AI

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AJ

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AK

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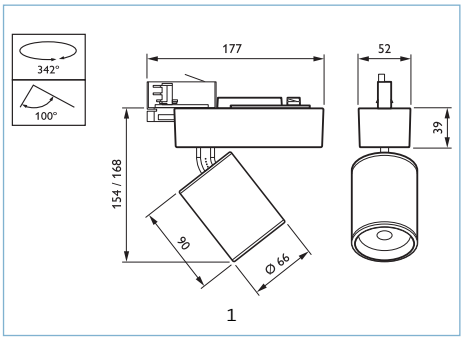
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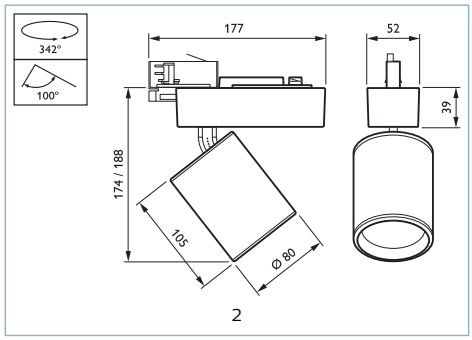


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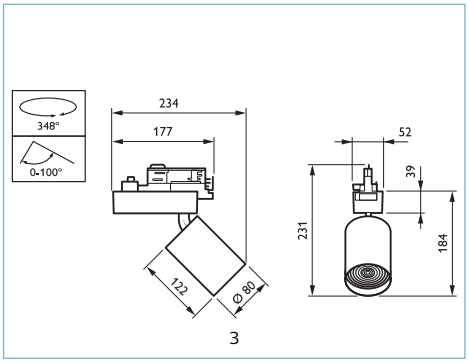
Dimension Drawing



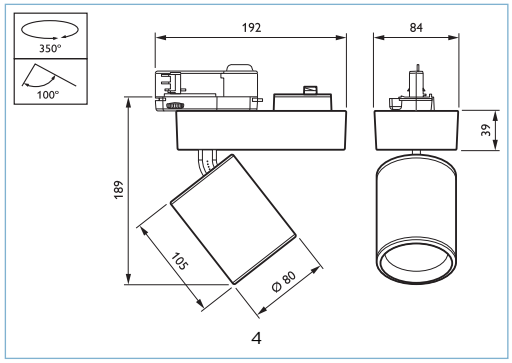
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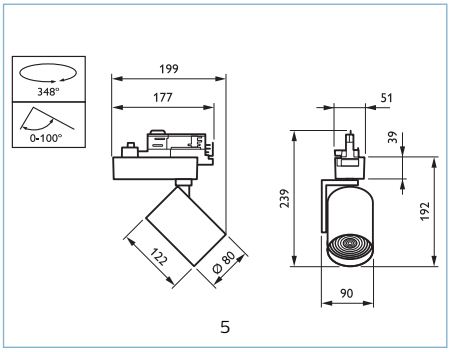
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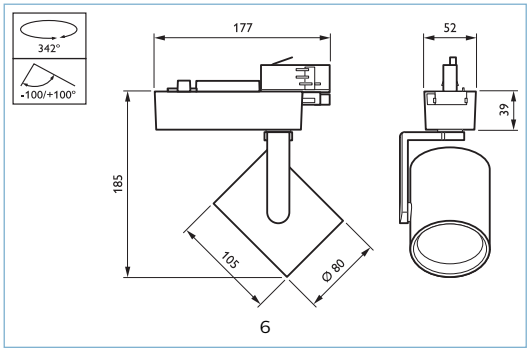
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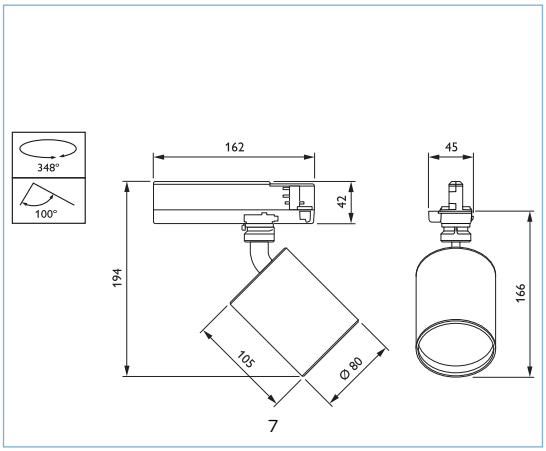
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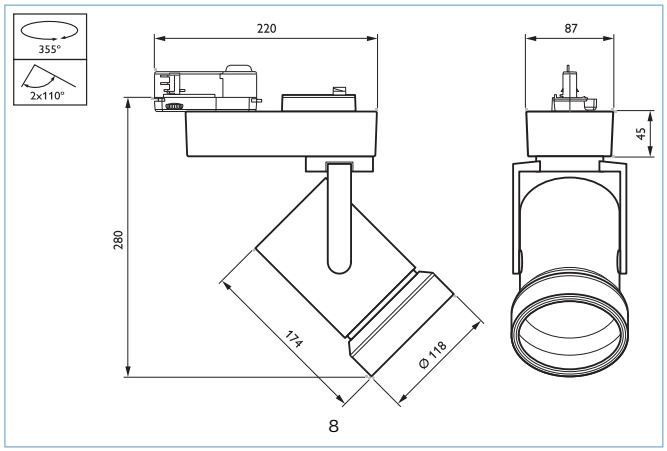
5



6



7



8

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
ST700T	CRW	PSU	18	PIP	WH	25.0	57.0	A		1	004**65221**
ST700T	PW9	PSD	18	PIP	WH	24.0	67.0	A		1	004**65222**
ST700T	PW9	PSD	30	PIP	BK	24.0	67.0	B		1	004**65223**
ST700T	PW9	PSU	18	PIP	BK	24.0	75.0	B	A-D	1	004**65149**
ST700T	PW9	PSU	18	PIP	WH	24.0	71.0	A	E-H	1	004**65134**
ST700T	PW9	PSU	18	PIP	WH	24.0	77.0	A		1	004**65150**
ST700T	PW9	PSU	30	PIP	SI	24.0	67.0	C		1	004**65148**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
ST710T	830	PSU	12	PIP	WH	26.0	85.0	D	I-M	2	00465151
ST710T	830	PSU	24	PIP	WH	23.5	115.0	D	I-M	2	00465152
ST710T	CRW	PSU	12	PIP	BK	27.0	57.0	E	N-R	2	00465161
ST710T	CRW	PSU	18	PIP	WH	36.0	72.0	D	I-M, S	2	00465162
ST710T	LED27/PW9	PSD	18	PIP	BK	29.5	92.0	F	T	3	00465231
ST710T	PW9	PSD	12	PIP	WH	26.5	70.0	A		2	00465224
ST710T	PW9	PSD	18	PIP	WH	29.5	92.0	G	U	3	00465228
ST710T	PW9	PSD	24	PIP	BK	29.5	92.0	B		2	00465225
ST710T	PW9	PSD	24	PIP	WH	29.5	92.0	H		4	00465141
ST710T	PW9	PSU	12	PIP	BK	26.5	70.0	E	N-R	2	00465153
ST710T	PW9	PSU	12	PIP	BK	26.5	74.0	E	N-R	2	00465158
ST710T	PW9	PSU	12	PIP	BK	26.5	75.0	E	N-R	2	00465159
ST710T	PW9	PSU	18	PIP	BK	27.5	98.0	I	T	5	00465235
ST710T	PW9	PSU	18	PIP	BK	29.5	92.0	F	T	3	00465229
ST710T	PW9	PSU	18	PIP	WH	29.5	92.0	D	I-M	2	00465154
ST710T	PW9	PSU	18	PIP	WH	29.5	92.0	G	U	3	00465226
ST710T	PW9	PSU	24	PIP	BK	29.5	92.0	F	T	3	00465230
ST710T	PW9	PSU	24	PIP	BK	29.5	92.0	J	V-X	6	00465238
ST710T	PW9	PSU	24	PIP	SI	26.0	102.0	K	Y	5	00465236
ST710T	PW9	PSU	24	PIP	SI	26.0	102.0	L	Y	3	00465233
ST710T	PW9	PSU	24	PIP	SI	29.5	92.0	M		6	00465239
ST710T	PW9	PSU	24	PIP	WH	26.5	102.0	D	I-M	2	00465160
ST710T	PW9	PSU	24	PIP	WH	27.5	98.0	D	I-M	2	00465140
ST710T	PW9	PSU	24	PIP	WH	27.5	98.0	G	U	3	00465232
ST710T	PW9	PSU	24	PIP	WH	29.5	92.0	D	I-M	2	00465155
ST710T	PW9	PSU	24	PIP	WH	29.5	92.0	N	Z, AA, AB	6	00465237
ST710T	PW9	PSU	24	PIP	WH	29.5	92.0	G	U	3	00465227
ST710T	PW9	PSU	24	PIP	WH	29.5	98.0	O	U	5	00465234
ST710T	PW9	PSU	30	PIP	BK	29.5	92.0	E	N-R	2	00465156
ST710T	PW9	PSU	36	PIP	SI	29.5	92.0	P		2	00465146
ST710T	PW9	PSU	60	PIP	WH	29.5	92.0	D	I-M	2	00465157
ST712T	PW9	PSU	12	PIP	BK	26.5	75.0	Q	AC, AD, AE	7	00465303
ST712T	PW9	PSU	12	PIP	WH	26.5	75.0	R	AF, AG, AH	7	00465295
ST712T	PW9	PSU	12	PIP	WH	26.5	75.0	R	AF, AG, AH	7	00465304
ST712T	PW9	PSU	12	PIP	WH	26.5	75.0	R	AF, AG, AH	7	00465309
ST712T	PW9	PSU	18	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465296
ST712T	PW9	PSU	24	PIP	BK	28.0	86.0	Q	AC, AD, AE	7	00465298
ST712T	PW9	PSU	24	PIP	BK	28.0	86.0	Q	AC, AD, AE	7	00465306
ST712T	PW9	PSU	24	PIP	BK	28.0	86.0	Q	AC, AD, AE	7	00465310
ST712T	PW9	PSU	24	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465297
ST712T	PW9	PSU	24	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465305
ST712T	PW9	PSU	30	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465299
ST712T	PW9	PSU	36	PIP	BK	28.0	86.0	Q	AC, AD, AE	7	00465308
ST712T	PW9	PSU	36	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465301
ST712T	PW9	PSU	36	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465307
ST712T	PW9	PSU	60	PIP	WH	28.0	86.0	R	AF, AG, AH	7	00465302
ST720T	PW9	PSD	6	PIP	BK	19.2	60.0	S	AI, AJ, AK	8	00465165
ST720T	PW9	PSU	6	PIP	SI	19.2	60.0	T		8	00465164
ST721T	PW9	PSD	6	PIP	WH	17.6	65.0	U	AL, AM	8	00465166

[1] 'Type' value description(s): 'ST700T' = TrueFashion Mini, 'ST710T' = TrueFashion Compact, 'ST712T' = TrueFashion Compact Drv. In Track, 'ST720T' = TrueFashion Highlight, 'ST721T' = TrueFashion EasyAim

[2] 'Lamp' value description(s): 'CRW' = Crisp white, 'LED27' = LED module 2 700 lm, 'PW9' = Premium white with CRI ≥90, '830' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): '6' = Beam angle 6°, '12' = Beam angle 12°, '18' = Beam angle 18°, '24' = Beam angle 24°, '30' = Beam angle 30°, '36' = Beam angle 36°, '60' = Beam angle 60°

[5] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST700T	50-60	220 to 240	+/-10%	0.9	0.25	18	24.0	1	70 000	50 000	25 000
ST700T	50-60	220 to 240	+/-10%	0.9	0.25	18	25.0	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.05	5	29.5	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	23.5	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	26.0	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	26.5	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	27.0	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	27.5	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	29.5	1	70 000	50 000	25 000
ST710T	50-60	220 to 240	+/-10%	0.9	0.25	18	36.0	1	70 000	50 000	25 000
ST712T	50-60	220 to 240	+/-10%	0.9	0.05	5	26.5	1	70 000	50 000	25 000
ST712T	50-60	220 to 240	+/-10%	0.9	0.05	5	28.0	1	70 000	50 000	25 000
ST720T	50-60	220 to 240	+/-10%	0.9	0.05	5	19.2	1	70 000	50 000	25 000
ST720T	50-60	220 to 240	+/-10%	0.9	0.25	18	19.2	1	70 000	50 000	25 000
ST721T	50-60	220 to 240	+/-10%	0.9	0.05	5	17.6	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST700T		CRW	3000	90	18	(0.43, 0.39) SDCM <3	57.0	1 400	+/-10%
ST700T		PW9	3000	90	18	(0.42, 0.38) SDCM <3	67.0	1 600	+/-10%
ST700T		PW9	3000	90	18	(0.42, 0.38) SDCM <3	71.0	1 700	+/-10%
ST700T		PW9	3000	90	30	(0.42, 0.38) SDCM <3	67.0	1 600	+/-10%
ST700T		PW9	3500	90	18	(0.39, 0.37) SDCM <3	75.0	1 800	+/-10%
ST700T		PW9	4000	90	18	(0.43, 0.40) SDCM <3	77.0	1 850	+/-10%
ST710T		830	3000	80	12	(0.43, 0.40) SDCM <3	85.0	2 200	+/-10%
ST710T		830	3000	80	24	(0.43, 0.40) SDCM <3	115.0	2 700	+/-10%
ST710T		CRW	3000	90	12	(0.43, 0.39) SDCM <3	57.0	1 550	+/-10%
ST710T		CRW	3000	90	18	(0.43, 0.39) SDCM <3	72.0	2 600	+/-10%
ST710T		PW9	3000	90	12	(0.42, 0.38) SDCM <3	70.0	1 850	+/-10%
ST710T		PW9	3000	90	18	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST710T		PW9	3000	90	24	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST710T		PW9	3000	90	24	(0.42, 0.38) SDCM <3	98.0	2 700	+/-10%
ST710T		PW9	3000	90	30	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST710T		PW9	3000	90	36	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST710T		PW9	3000	90	60	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST710T		PW9	3500	90	12	(0.39, 0.37) SDCM <3	74.0	1 950	+/-10%
ST710T		PW9	3500	90	18	(0.39, 0.37) SDCM <3	98.0	2 700	+/-10%
ST710T		PW9	3500	90	24	(0.39, 0.37) SDCM <3	98.0	2 700	+/-10%
ST710T		PW9	4000	90	12	(0.37, 0.36) SDCM <3	75.0	2 000	+/-10%
ST710T		PW9	4000	90	24	(0.37, 0.36) SDCM <3	102.0	2 700	+/-10%
ST710T	LED27	PW9	3000	90	18	(0.42, 0.38) SDCM <3	92.0	2 700	+/-10%
ST712T		PW9	3000	90	12	(0.42, 0.38) SDCM <3	75.0	2 000	+/-10%
ST712T		PW9	3000	90	18	(0.42, 0.38) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3000	90	24	(0.42, 0.38) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3000	90	30	(0.42, 0.38) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3000	90	36	(0.42, 0.38) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3000	90	60	(0.42, 0.38) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3500	90	12	(0.39, 0.37) SDCM <3	75.0	2 000	+/-10%
ST712T		PW9	3500	90	24	(0.39, 0.37) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	3500	90	36	(0.39, 0.37) SDCM <3	86.0	2 400	+/-10%
ST712T		PW9	4000	90	12	(0.37, 0.36) SDCM <3	75.0	2 000	+/-10%
ST712T		PW9	4000	90	24	(0.37, 0.36) SDCM <3	86.0	2 400	+/-10%
ST720T		PW9	3000	90	6	(0.42, 0.38) SDCM <3	60.0	1 150	+/-10%
ST721T		PW9	3000	90	6	(0.42, 0.38) SDCM <3	65.0	1 150	+/-10%

[7] 'Lamp family code' value description(s): 'LED27' = LED module 2 700 lm

[8] 'Light source color' value description(s): 'CRW' = Crisp white, 'PW9' = Premium white with CRI ≥90, '830' = 830 warm white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Glow-wire test[12] (°C/s)	RoHS mark
ST700T	II	IP20	IK02	CE	ENEC	650/30	ROHS
ST710T	II	IP20	IK02	CE	ENEC	650/30	ROHS
ST712T	II	IP20	IK02	CE	ENEC	650/30	ROHS
ST720T	II	IP20	IK02	CE	ENEC	650/30	ROHS
ST721T	II	IP20	IK02	CE	ENEC	650/30	ROHS

[9] 'Protection class IEC' value description(s): 'II' = Safety class II

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s

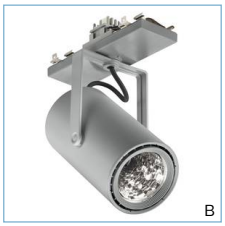


A flexible and affordable retail toolbox

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Projector's regular 3C adaptor and specific lumen packages make retrofit installation quick and easy. For fashion and food retailers, GreenSpace Accent Projector is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light. Check out our Fashion and Food catalogue pages to find out more about CrispWhite, PremiumWhite, Fresh Food Meat and Fresh Food Champagne.

Product Range


A


B


C


D


E


F

Detailed Photos

GreenSpace_Accent_Maxos_fusion_ST320S_DP01.tif


A

GreenSpace_Accent_Maxos_fusion_BK-DP03.tif


B

GreenSpace_Accent_Maxos_fusion-ST320S_BK-DP02.tif


C



D


E

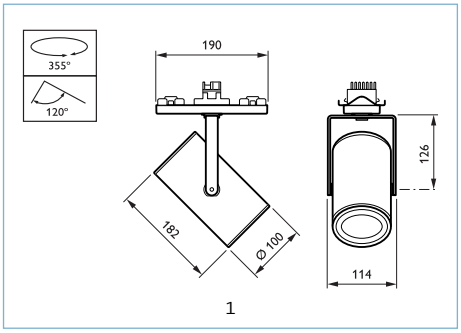

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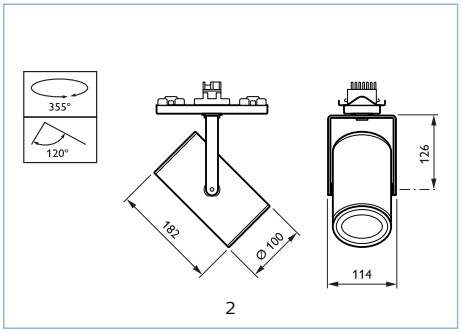

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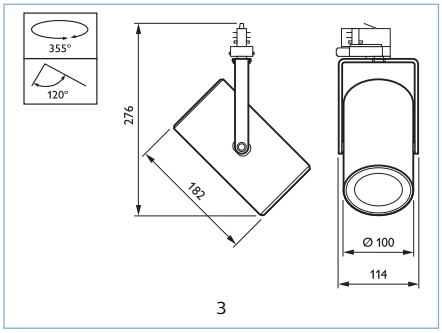
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	mm	Material Nr. (12NC) (9105...)
ST320S	827	PSU	MB		WH	23.0	113.0	A	A-C		1	00459795
ST320S	827	PSU	VWB		WH	33.0	109.0	A	A-C		2	00459809
ST320S	827	PSU	WB		WH	33.0	112.0	A	A-C		2	00459810
ST320S	830	PSU	MB		SI	23.0	117.0	B	A-C		1	00459796
ST320S	830	PSU	MB		WH	23.0	117.0	A	A-C		1	00459797
ST320S	830	PSU	VWB		BK	33.0	112.0	C	A-C		1	00459812
ST320S	830	PSU	VWB		SI	33.0	112.0	B	A-C		1	00459813
ST320S	830	PSU	VWB		WH	33.0	112.0	A	A-C		2	00459811
ST320S	830	PSU	WB		BK	33.0	118.0	C	A-C		1	00459814
ST320S	830	PSU	WB		SI	33.0	118.0	B	A-C		1	00459815
ST320S	830	PSU	WB		WH	33.0	118.0	A	A-C		1	00459816
ST320S	840	PSU	MB		WH	23.0	117.0	A	A-C		1	00459798
ST320S	840	PSU	VWB		WH	33.0	118.0	A	A-C		1	00459817
ST320S	840	PSU	WB		BK	33.0	121.0	C	A-C		1	00459818
ST320S	840	PSU	WB		SI	33.0	121.0	B	A-C		2	00459819
ST320S	840	PSU	WB		WH	23.0	122.0	A	A-C		1	00459799
ST320S	840	PSU	WB		WH	33.0	121.0	A	A-C		2	00459820
ST320S	CRW	PSU	MB		WH	33.0	79.0	A	A-C		1	00459801
ST320S	PW9	PSU	MB		BK	27.0	100.0	C	A-C		2	00459802
ST320S	PW9	PSU	MB		SI	27.0	100.0	B	A-C		1	00459803
ST320S	PW9	PSU	MB		WH	27.0	100.0	A	A-C		1	00459804
ST320S	PW9	PSU	NB		BK	21.5	81.0	C	A-C		1	00459805
ST320S	PW9	PSU	NB		SI	23.0	76.0	B	A-C		2	00459806
ST320S	PW9	PSU	NB		WH	21.5	81.0	A	A-C		1	00459807
ST320S	PW9	PSU	WB		BK	37.0	103.0	C	A-C		2	00459821
ST320S	PW9	PSU	WB		SI	27.0	104.0	B	A-C		1	00459808
ST320S	PW9	PSU	WB		SI	37.0	103.0	B	A-C		1	00459822
ST320S	PW9	PSU	WB		WH	37.0	103.0	A	A-C		2	00459823
ST320T	1 LED17/827	PSU	MB	PM	WH	14.0	121.0	D		A, B	3	00459370
ST320T	1 LED17/830	PSU	MB	PM	WH	14.0	121.0	D		A, B	3	00459371
ST320T	1 LED17/840	PSU	MB	PM	WH	14.0	121.0	D		A, B	3	00459372
ST320T	1 LED17/CH	PSU	WB	PM	WH	26.5	64.0	D		A, B	3	00459375
ST320T	1 LED17/CRW	PSU	MB	PM	WH	21.5	79.0	D		A, B	3	00459373
ST320T	1 LED17/PW9	PSU	MB	PM	WH	19.5	87.0	D		A, B	3	00459374
ST320T	1 LED19/FMT	PSU	MB	PM	WH	29.5	64.0	D		A, B	3	00459366

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
ST320T	1 LED20/PW9	PSU	NB	G	BK	21.5	93.0	E	D-I	C, D	3	00459367
ST320T	1 LED20/PW9	PSU	NB	G	SI	21.5	93.0	F		E, F	3	00459383
ST320T	1 LED20/PW9	PSU	NB	G	WH	21.5	93.0	D		A, B	3	00459384
ST320T	1 LED27/827	PSU	MB	PM	WH	23.0	113.0	D		A, B	3	00459376
ST320T	1 LED27/830	PSU	MB	PM	SI	23.5	115.0	F		E, F	3	00459377
ST320T	1 LED27/830	PSU	MB	PM	WH	23.5	115.0	D		A, B	3	00459378
ST320T	1 LED27/840	PSU	MB	PM	WH	23.0	122.0	D		A, B	3	00459379
ST320T	1 LED27/840	PSU	WB	PM	WH	23.0	122.0	D		A, B	3	00459380
ST320T	1 LED27/CRW	PSU	MB	PM	WH	35.5	73.0	D		A, B	3	00459381
ST320T	1 LED27/PW9	PSU	MB	PM	BK	27.0	96.0	E	D-I	C, D	3	00459369
ST320T	1 LED27/PW9	PSU	MB	PM	SI	27.0	96.0	F		E, F	3	00459382
ST320T	1 LED27/PW9	PSU	MB	PM	WH	27.0	96.0	D		A, B	3	00459368
ST320T	1 LED27/PW9	PSU	WB	PM	SI	27.0	96.0	F		E, F	3	00459385
ST320T	1 LED39/827	PSU	VWB	PM	WH	33.0	118.0	D		A, B	3	00459386
ST320T	1 LED39/827	PSU	WB	PM	WH	33.0	118.0	D		A, B	3	00459387
ST320T	1 LED39/830	PSU	VWB	PM	BK	33.0	118.0	E	D-I	C, D	3	00459389
ST320T	1 LED39/830	PSU	VWB	PM	SI	33.0	118.0	F		E, F	3	00459390
ST320T	1 LED39/830	PSU	VWB	PM	WH	33.0	118.0	D		A, B	3	00459388
ST320T	1 LED39/830	PSU	WB	PM	BK	33.0	118.0	E	D-I	C, D	3	00459391
ST320T	1 LED39/830	PSU	WB	PM	SI	33.0	118.0	F		E, F	3	00459392
ST320T	1 LED39/830	PSU	WB	PM	WH	33.0	118.0	D		A, B	3	00459393
ST320T	1 LED39/840	PSU	VWB	PM	WH	33.0	118.0	D		A, B	3	00459394
ST320T	1 LED39/840	PSU	WB	PM	BK	33.0	118.0	E	D-I	C, D	3	00459395
ST320T	1 LED39/840	PSU	WB	PM	SI	33.0	118.0	F		E, F	3	00459396
ST320T	1 LED39/840	PSU	WB	PM	WH	33.0	118.0	D		A, B	3	00459397
ST320T	1 LED39/PW9	PSU	WB	PM	BK	40.5	96.0	E	D-I	C, D	3	00459398
ST320T	1 LED39/PW9	PSU	WB	PM	SI	40.5	96.0	F		E, F	3	00459399
ST320T	1 LED39/PW9	PSU	WB	PM	WH	40.5	96.0	D		A, B	3	00459401
ST320T	827	PSU	WB		WH	23.0	113.0	D		A, B	3	00459783
ST320T	827	PSU	WB		WH	33.0	112.0	D		A, B	3	00459787
ST320T	830	PSU	WB		BK	23.0	117.0	E	D-I	C, D	3	00459711
ST320T	830	PSU	WB		SI	23.0	117.0	F		E, F	3	00459712
ST320T	830	PSU	WB		WH	23.0	117.0	D		A, B	3	00459710
ST320T	830	PSU	WB		WH	23.0	117.0	D		A, B	3	00459784
ST320T	830	PSU	WB		WH	33.0	118.0	D		A, B	3	00459788
ST320T	840	PSU	WB		BK	23.0	117.0	E	D-I	C, D	3	00459717
ST320T	840	PSU	WB		SI	23.0	117.0	F		E, F	3	00459718
ST320T	840	PSU	WB		WH	23.0	117.0	D		A, B	3	00459716
ST320T	840	PSU	WB		WH	23.0	122.0	D		A, B	3	00459785
ST320T	840	PSU	WB		WH	33.0	121.0	D		A, B	3	00459789
ST320T	LED17/CH	PSU	WB	PM	WH	14.4	118.0	D		A, B	3	00465318
ST320T	PW9	PSU	MB		WH	27.0	104.0	D		A, B	3	00459786
ST320T	PW9	PSU	WB		WH	37.0	103.0	D		A, B	3	00459790

[1] 'Type' value description(s): 'ST320S' = GSA PROJECTOR MAXOS FUSION, 'ST320T' = GREENSPACE ACCENT PROJECTOR

[2] 'Lamp' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'LED17' = LED module 1 700 lm, 'LED19' = LED module 1 900 lm, 'LED20' = LED Module 2 000 lm, 'LED27' = LED module 2 700 lm, 'LED39' = LED module 3 900 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'G' = Glass, 'PM' = Polymethyl methacrylate bowl/cover

[6] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

Accessory Range



Accessory Specification

Type[7]	Accessory color[8]	Material[9]	CE mark	Glare shielding accessories[10]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ST640Z	BK	PA	CE	HC	A	UNP / 1	00456882
ST640Z	BK	PA	CE	SK	B	UNP / 1	00456881
ST640Z	WH	PA	CE	SK	C	UNP / 1	00456884

[7] 'Type' value description(s): 'ST640Z' = ProAir Accessories

[8] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White

[9] 'Material' value description(s): 'PA' = Polyamide

[10] 'Glare shielding accessories' value description(s): 'HC' = Honeycomb louver, 'SK' = Skirt

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST320S	50-60	220-240	+/-10%	0.9	0.240	18.6	21.5	1	70 000	50 000	25 000
ST320S	50-60	220-240	+/-10%	0.9	0.240	18.6	23.0	1	70 000	50 000	25 000
ST320S	50-60	220-240	+/-10%	0.9	0.260	22.0	27.0	1	70 000	50 000	25 000
ST320S	50-60	220-240	+/-10%	0.9	0.260	22.0	33.0	1	70 000	50 000	25 000
ST320S	50-60	220-240	+/-10%	0.9	0.260	22.0	37.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	14.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	14.4	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	19.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	21.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	23.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.240	18.6	23.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	26.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	27.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	29.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	33.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	35.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.260	22.0	40.5	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.186	24.9	27.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.186	24.9	33.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.186	24.9	37.0	1	70 000	50 000	25 000
ST320T	50-60	220-240	+/-10%	0.9	0.195	20.4	23.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST320S		827	2700	≥80	24	(0.46, 0.41) SDCM<3	113.0	2 600	+/-10%
ST320S		827	2700	≥80	38	(0.46, 0.41) SDCM<3	112.0	3 700	+/-10%
ST320S		827	2700	≥80	54	(0.46, 0.41) SDCM<3	109.0	3 600	+/-10%
ST320S		830	3000	≥80	24	(0.43, 0.40) SDCM<3	117.0	2 700	+/-10%
ST320S		830	3000	≥80	38	(0.43, 0.40) SDCM<3	112.0	3 700	+/-10%
ST320S		830	3000	≥80	38	(0.43, 0.40) SDCM<3	118.0	3 900	+/-10%
ST320S		830	3000	≥80	54	(0.43, 0.40) SDCM<3	112.0	3 700	+/-10%
ST320S		840	4000	≥80	24	(0.38, 0.38) SDCM<3	117.0	2 700	+/-10%
ST320S		840	4000	≥80	38	(0.38, 0.38) SDCM<3	121.0	4 000	+/-10%
ST320S		840	4000	≥80	38	(0.38, 0.38) SDCM<3	122.0	2 800	+/-10%
ST320S		840	4000	≥80	54	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
ST320S		CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	79.0	2 600	+/-10%

More data see next page

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST320S		PW9	3000	≥90	10	(0.42, 0.39) SDCM<3	76.0	1 750	+/-10%
ST320S		PW9	3000	≥90	10	(0.42, 0.39) SDCM<3	81.0	1 750	+/-10%
ST320S		PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	100.0	2 700	+/-10%
ST320S		PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	103.0	3 800	+/-10%
ST320S		PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	104.0	2 800	+/-10%
ST320T		827	2700	≥80	38	(0.46, 0.41) SDCM<3	112.0	3 700	+/-10%
ST320T		827	2700	≥80	38	(0.46, 0.41) SDCM<3	113.0	2 600	+/-10%
ST320T		830	3000	≥80	38	(0.43, 0.40) SDCM<3	117.0	2 700	+/-10%
ST320T		830	3000	≥80	38	(0.43, 0.40) SDCM<3	118.0	3 900	+/-10%
ST320T		840	4000	≥80	38	(0.38, 0.38) SDCM<3	117.0	2 700	+/-10%
ST320T		840	4000	≥80	38	(0.38, 0.38) SDCM<3	121.0	4 000	+/-10%
ST320T		840	4000	≥80	38	(0.38, 0.38) SDCM<3	122.0	2 800	+/-10%
ST320T		PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	103.0	3 800	+/-10%
ST320T		PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	104.0	2 800	+/-10%
ST320T	LED17	827	2700	≥80	24	(0.46, 0.41) SDCM<3	121.0	1 700	+/-10%
ST320T	LED17	830	3000	≥80	24	(0.43, 0.40) SDCM<3	121.0	1 700	+/-10%
ST320T	LED17	840	4000	≥80	24	(0.38, 0.38) SDCM<3	121.0	1 700	+/-10%
ST320T	LED17	CH	2500	≥90	38	(0.46, 0.39) SDCM<3	64.0	1 700	+/-10%
ST320T	LED17	CH	2700	≥90	38	(0.46, 0.39) SDCM<3	118.0	1 700	+/-10%
ST320T	LED17	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	79.0	1 700	+/-10%
ST320T	LED17	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	87.0	1 700	+/-10%
ST320T	LED19	FMT	3000	≥85	30	(0.40, 0.33) SDCM<3	64.0	1 900	+/-10%
ST320T	LED20	PW9	3000	≥90	10	(0.42, 0.39) SDCM<3	93.0	2 000	+/-10%
ST320T	LED27	827	2700	≥80	24	(0.46, 0.41) SDCM<3	113.0	2 600	+/-10%
ST320T	LED27	830	3000	≥80	24	(0.43, 0.40) SDCM<3	115.0	2 700	+/-10%
ST320T	LED27	840	4000	≥80	24	(0.38, 0.38) SDCM<3	122.0	2 800	+/-10%
ST320T	LED27	840	4000	≥80	34	(0.38, 0.38) SDCM<3	122.0	2 800	+/-10%
ST320T	LED27	CRW	3000	≥95	24	(0.43, 0.40) SDCM<3	73.0	2 600	+/-10%
ST320T	LED27	PW9	3000	≥90	24	(0.42, 0.39) SDCM<3	96.0	2 600	+/-10%
ST320T	LED27	PW9	3000	≥90	34	(0.42, 0.39) SDCM<3	96.0	2 600	+/-10%
ST320T	LED39	827	2700	≥80	34	(0.46, 0.41) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	827	2700	≥80	54	(0.46, 0.41) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	830	3000	≥80	34	(0.43, 0.40) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	830	3000	≥80	54	(0.43, 0.40) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	840	4000	≥80	34	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	840	4000	≥80	54	(0.38, 0.38) SDCM<3	118.0	3 900	+/-10%
ST320T	LED39	PW9	3000	≥90	38	(0.42, 0.39) SDCM<3	96.0	3 900	+/-10%

[11] 'Lamp family code' value description(s): 'LED17' = LED module 1 700 lm, 'LED19' = LED module 1 900 lm, 'LED20' = LED Module 2 000 lm, 'LED27' = LED module 2 700 lm, 'LED39' = LED module 3 900 lm

[12] 'Light source color' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[13]	IP Classification[14]	Mech. impact protection code[15]	CE mark	ENEC mark	Flammability mark[16]	Glow-wire test[17] (°C/s)	RoHS mark
ST320S	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
ST320T		IP20	IK02	CE	ENEC	F	650/5	ROHS
ST320T	II	IP20	IK02	CE	ENEC	F	650/5	ROHS

[13] 'Protection class IEC' value description(s): 'II' = Safety class II

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected

[15] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[16] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[17] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



ProAir – an unrivaled combination of light quality and efficiency

Store designers want a spot that fits in with their store design. Visual merchandisers need the very best light quality and spots that are easily adjustable. And maintenance managers and green champions want to reduce energy consumption and maintenance costs. ProAir offers store designers a LED spot with an elegant and compact design that they can customize to suit their needs. It gives visual merchandisers great rendering of colors and whites and excellent color consistency, as well as well-defined, clean beams for maximum impact. All versions of ProAir offer low maintenance and energy consumption.

Product Range


A


B

Detailed Photos

Fully integrated heatsink


A

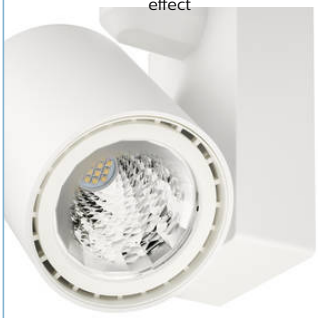
Fully integrated heatsink


B

Detailed front face for an optimized light effect


C

Detailed front face for an optimized light effect


D

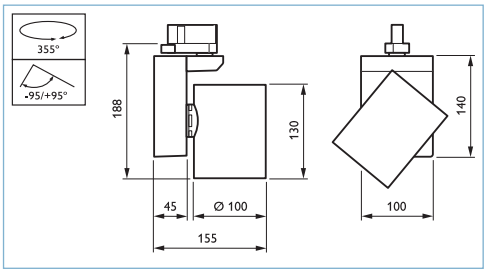
Customized hinge for re-aiming from the ground with a pole


E

Customized hinge for re-aiming from the ground with a pole


F

Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Material Nr. (12NC) (9105...)
ST640T	1 LED15S/CRW	PSU	NB10	WH	23.5	64.0	A	A-F	00458468
ST640T	1 LED17S/827	PSU	MB	WH	16.0	106.0	A	A-F	00458474
ST640T	1 LED17S/830	PSU	MB	WH	16.0	106.0	A	A-F	00458475
ST640T	1 LED17S/930	PSU	MB	WH	19.4	89.0	A	A-F	00458477
ST640T	1 LED17S/CRW	PSU	MB	WH	22.0	77.0	A	A-F	00458478
ST640T	1 LED20S/840	PSU	NB10	WH	20.0	100.0	A	A-F	00458471
ST640T	1 LED20S/930	PSU	NB10	WH	26.5	75.0	A	A-F	00458472
ST640T	1 LED27S/830	PSU	MB	WH	24.0	113.0	A	A-F	00458481
ST640T	1 LED27S/840	PSU	MB	WH	23.5	115.0	A	A-F	00458482
ST640T	1 LED27S/930	PSU	MB	BK	30.0	90.0	B	A-F	00458479
ST640T	1 LED27S/930	PSU	MB	WH	30.0	90.0	A	A-F	00458483
ST640T	1 LED27S/930	PSU	MB	WH	30.0	90.0	A	A-F	00458485
ST640T	1 LED27S/930	PSU	WB	WH	30.0	90.0	A	A-F	00458486
ST640T	1 LED27S/CRW	PSU	MB	WH	34.0	79.0	A	A-F	00458484
ST640T	1 LED39S/830	PSU	WB	WH	32.5	120.0	A	A-F	00458865
ST640T	1 LED49S/830	PSU	MB	WH	39.0	126.0	A	A-F	00458867
ST640T	1 LED49S/830	PSU	WB	WH	39.0	126.0	A	A-F	00458882

[1] 'Type' value description(s): 'ST640T' = ProAir

[2] 'Lamp' value description(s): 'CRW' = Crisp white, 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED49S' = LED Module, system flux 4 900 lm, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB10' = Narrow beam angle 10°, 'WB' = Wide beam

[5] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White

Accessory Range



Accessory Specification

Type[6]	Accessory color[7]	Material[8]	CE mark	Glare shielding accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ST640Z	BK			GS	A	UNP / 1	00456880
ST640Z	BK	PA	CE	HC	B	UNP / 1	00456882
ST640Z	BK	PA	CE	SK	C	UNP / 1	00456881
ST640Z	WH			GS	D	UNP / 1	00456883
ST640Z	WH	PA	CE	SK	E	UNP / 1	00456884

[6] 'Type' value description(s): 'ST640Z' = ProAir Accessories

[7] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White

[8] 'Material' value description(s): 'PA' = Polyamide

[9] 'Glare shielding accessories' value description(s): 'GS' = Glare shield, 'HC' = Honeycomb louver, 'SK' = Skirt

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	16.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	19.4	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	20.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	22.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	23.5	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	24.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	26.5	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	30.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	32.5	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	34.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.250	18.0	39.0	1	70 000	50 000	25 000
ST640T	50-60	220 to 240	+/-10%	0.9	0.195	20.4	30.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST640T	LED15S	CRW	3000	≥90	10	(0.43, 0.40) SDCM<3	64.0	1 500	+/-10%
ST640T	LED17S	827	2700	≥80	22	(0.46, 0.41) SDCM<3	106.0	1 700	+/-10%
ST640T	LED17S	830	3000	≥80	22	(0.43, 0.40) SDCM<3	106.0	1 700	+/-10%
ST640T	LED17S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	89.0	1 700	+/-10%
ST640T	LED17S	CRW	3000	≥90	22	(0.43, 0.40) SDCM<3	77.0	1 700	+/-10%
ST640T	LED20S	840	4000	≥80	10	(0.38, 0.38) SDCM<3	100.0	2 000	+/-10%
ST640T	LED20S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	75.0	2 000	+/-10%
ST640T	LED27S	830	3000	≥80	22	(0.43, 0.40) SDCM<3	113.0	2 700	+/-10%
ST640T	LED27S	840	4000	≥80	22	(0.38, 0.38) SDCM<3	115.0	2 700	+/-10%
ST640T	LED27S	930	3000	≥90	22	(0.43, 0.40) SDCM <3	90.0	2 700	+/-10%
ST640T	LED27S	930	3000	≥90	33	(0.43, 0.40) SDCM <3	90.0	2 700	+/-10%
ST640T	LED27S	CRW	3000	≥90	24	(0.43, 0.40) SDCM<3	79.0	2 700	+/-10%
ST640T	LED39S	830	3000	≥80	33	(0.43, 0.40) SDCM<3	120.0	3 900	+/-10%
ST640T	LED49S	830	3000	≥80	28	(0.43, 0.40) SDCM<3	126.0	4 900	+/-10%
ST640T	LED49S	830	3000	≥80	36	(0.43, 0.40) SDCM<3	126.0	4 900	+/-10%

[10] 'Lamp family code' value description(s): '**LED15S**' = LED Module, system flux 1 500 lm, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED20S**' = LED Module, system flux 2 000 lm, '**LED27S**' = LED Module, system flux 2 700 lm, '**LED39S**' = LED Module, system flux 3 900 lm, '**LED49S**' = LED Module, system flux 4 900 lm

[11] 'Light source color' value description(s): '**CRW**' = Crisp white, '**827**' = 827 warm white, '**830**' = 830 warm white, '**840**' = 840 neutral white, '**930**' = 930 warm white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
ST640T	I	IP20	IK02	CE	ENEC	F	650/5	ROHS

[12] 'Protection class IEC' value description(s): '**I**' = Safety class I

[13] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[14] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[15] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[16] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



StyliD – the best energy-efficient range for retail applications

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, StyliD is the ideal energy-efficient solution for today's demanding retail environments, covering a variety of lighting applications, with including CrispWhite for fashion stores and Food recipes for supermarkets. StyliD family features full passive cooling for the complete range that allows faster payback in the Performance size as well.

Product Range


A


B


C


D


E


F


G


H


I


J


K


L


M


N


O

Detailed Photos


A

PerfectAccent – thanks to their specific design, the new reflectors provide best-in-class efficiency, a very clean beam, and high color uniformity.


B

PerfectAccent reflectors deliver a smooth and homogeneous high-quality beam


C

StyliD Mini surface mounted; all colors available


D

StyliD Mini track mounted; all colors available



E



F



G



H

StyliD_Maxos_fusion-ST740S-1DPP.tif



I

StyliD_Maxos_fusion-ST740S-2DPP.tif



J

StyliD_Maxos_fusion-ST740S-3DPP.tif



K

StyliD Compact track mounted; all colors available



L



M



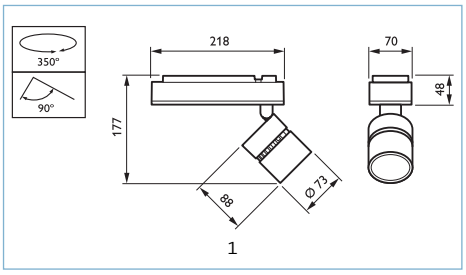
N

StyliD Performance track mounted; all colors available

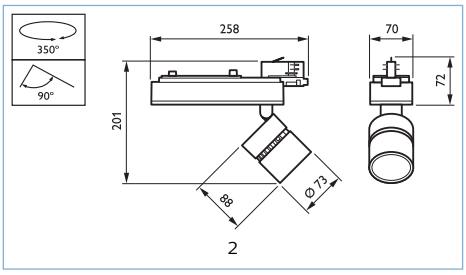


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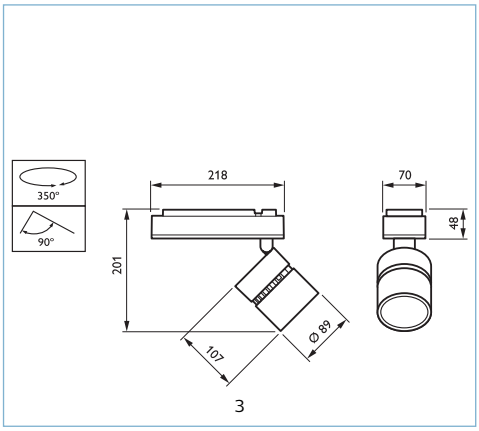
Dimension Drawing



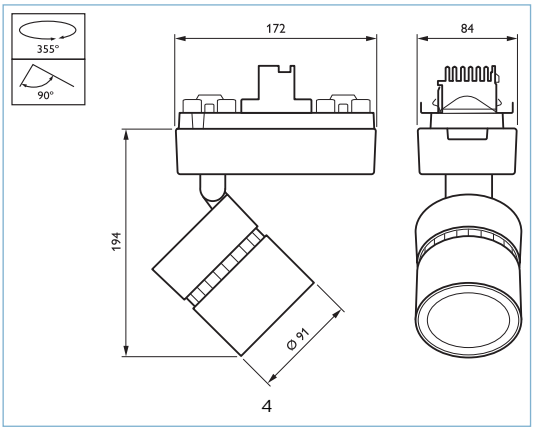
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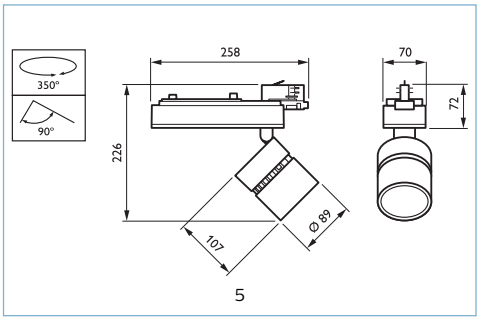
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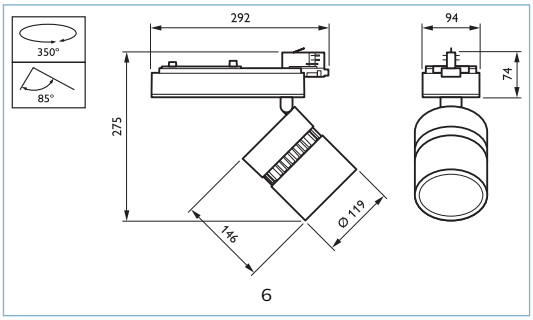
3



4



5



6

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Con-nection[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	mm	Material Nr. (12NC) (9105...)
ST730C	1 LED12S/830	PSE	WB		PIP	WH	10.2	118.0	A	A-D		1	00457349
ST730C	1 LED12S/830	PSED	WB		PIP	WH	10.2	118.0	A	A-D		1	00457350
ST730T	1 LED11S/930	PSE	NB		PIP	BK	13.2	91.0	B	A-C, E		2	00457341
ST730T	1 LED11S/930	PSE	NB		PIP	WH	13.2	91.0	C	A-C, E		2	00457344
ST730T	1 LED12S/827	PSE	MB		PIP	WH	10.2	118.0	C	A-C, E		2	00457352
ST730T	1 LED12S/830	PSE	WB		PIP	BK	10.2	118.0	B	A-C, E		2	00457347
ST730T	1 LED12S/830	PSED	WB		PIP	BK	10.2	118.0	B	A-C, E		2	00457348
ST730T	1 LED12S/840	PSE	WB		PIP	WH	10.2	123.0	C	A-C, E		2	00457353
ST730T	1 LED12S/840	PSED	WB		PIP	WH	10.2	123.0	C	A-C, E		2	00457354
ST730T	1 LED12S/930	PSE	MB		PIP	BK	12.6	99.0	B	A-C, E		2	00457351
ST730T	1 LED12S/CRW	PSE	MB		PIP	WH-BK	14.8	81.0	D	A-C		2	00457101
ST730T	1 LED14S/CRW	PSE	NB		PIP	WH-BK	20.0	70.0	D	A-C		2	00457102
ST740C	1 LED27S/830	PSE	WB		PIP	WH	22.5	120.0	E	A, F-H		3	00457360
ST740C	1 LED39S/830	PSE	WB		PIP	WH	32.0	122.0	E	A, F-H		3	00457370
ST740C	1 LED49S/830	PSU	MB		PIP	WH	43.5	113.0	E	A, F-H		3	00459040
ST740S	LED17S/827	PSU	MB		PIP	WH	12.6	123.0	F	I-K		4	00465008
ST740S	LED17S/830	PSU	MB		PIP	WH	14.8	112.0	F	I-K		4	00465009
ST740S	LED17S/840	PSU	WB		PIP	WH	14.8	115.0	F	I-K		4	00465010
ST740S	LED17S/930	PSD	WB		PIP	BK	16.2	102.0	G	I-K		4	00465011
ST740S	LED17S/CH	PSE	WB		PIP	BK	12.6	135.0	G	I-K		4	00465323
ST740S	LED17S/PW9	PSD	VWB		PIP	BK	16.2	102.0	G	I-K		4	00465012
ST740S	LED19S/FMT	PSD	WB		PIP	BK	27.5	71.0	G	I-K		4	00465014
ST740S	LED20S/827	PSU	NB		PIP	WH	21.5	91.0	F	I-K		4	00465015
ST740S	LED20S/830	PSU	NB		PIP	WH	24.5	82.0	F	I-K		4	00465016
ST740S	LED20S/840	PSD	NB		PIP	WH	21.5	98.0	F	I-K		4	00465017
ST740S	LED20S/930	PSD	NB		PIP	BK	25.5	75.0	G	I-K		4	00465018
ST740S	LED20S/PW9	PSD	NB		PIP	BK	26.0	73.0	G	I-K		4	00465019
ST740S	LED27S/827	PSU	MB		PIP	WH	22.5	111.0	F	I-K		4	00465020
ST740S	LED27S/830	PSU	MB		PIP	WH	22.5	116.0	F	I-K		4	00465021
ST740S	LED27S/840	PSD	WB		PIP	WH	22.5	124.0	F	I-K		4	00465022
ST740S	LED27S/930	PSD	WB		PIP	BK	28.5	95.0	G	I-K		4	00465023
ST740S	LED27S/CRW	PSD	WB		PIP	BK	32.0	84.0	G	I-K		4	00465025
ST740S	LED27S/PW9	PSD	VWB		PIP	BK	28.0	93.0	G	I-K		4	00465024
ST740S	LED39S/827	PSU	MB		PIP	WH	32.0	119.0	F	I-K		4	00465026
ST740S	LED39S/830	PSU	MB		PIP	WH	32.0	122.0	F	I-K		4	00465027
ST740S	LED39S/840	PSD	WB		PIP	WH	32.0	128.0	F	I-K		4	00465028
ST740S	LED39S/930	PSD	WB		PIP	BK	39.0	97.0	G	I-K		4	00465029
ST740S	LED39S/PW9	PSD	VWB		PIP	BK	41.0	90.0	G	I-K		4	00465030
ST740S	LED49S/827	PSU	MB		PIP	WH	43.5	108.0	F	I-K		4	00465031
ST740S	LED49S/830	PSU	MB		PIP	WH	43.5	113.0	F	I-K		4	00465032
ST740S	LED49S/840	PSD	WB		PIP	WH	43.5	120.0	F	I-K		4	00465033
ST740S	LED49S/930	PSD	WB		PIP	BK	52.0	85.0	G	I-K		4	00465034
ST740S	LED49S/PW9	PSD	VWB		PIP	BK	51.0	86.0	G	I-K		4	00465035
ST740T	1 LED15S/CRW	PSE	NB		PIP	WH-BK	20.0	75.0	H	A, F, G		5	00457103
ST740T	1 LED17S/827	PSE	MB		PIP	WH	12.6	123.0	I	A, F, G, L		5	00457357
ST740T	1 LED17S/830	PSE	WB		PIP	BK	14.8	112.0	J	A, F, G, L		5	00457355
ST740T	1 LED17S/840	PSE	WB		PIP	WH	14.8	115.0	I	A, F, G, L		5	00457358
ST740T	1 LED17S/930	PSE	MB		PIP	BK	16.2	102.0	J	A, F, G, L		5	00457356
ST740T	1 LED17S/CH	PSE	MB		PIP	BK	25.0	68.0	K	A, F, G		5	00457086
ST740T	1 LED17S/CRW	PSE	MB		PIP	WH-BK	21.0	81.0	H	A, F, G		5	00457104

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Con-nection[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	⟷ mm	Material Nr. (12NC) (9105...)
ST740T	1 LED17S/CRW	PSE	WB		PIP	WH-BK	21.0	81.0	H	A, F, G		5	00457105
ST740T	1 LED19S/FMT	PSE	WB		PIP	BK	27.5	71.0	K	A, F, G		5	00457087
ST740T	1 LED20S/930	PSE	NB		PIP	BK	25.5	75.0	J	A, F, G, L		5	00457342
ST740T	1 LED20S/930	PSE	NB		PIP	WH	25.5	75.0	I	A, F, G, L		5	00457345
ST740T	1 LED20S/930	PSED	NB	GC	PIP	BK	25.5	75.0	J	A, F, G, L	A, B	5	00457678
ST740T	1 LED27S/827	PSE	MB		PIP	WH	22.5	111.0	I	A, F, G, L		5	00457364
ST740T	1 LED27S/827	PSE	WB	LIN-OVL	PIP	WH	22.5	116.0	I	A, F, G, L		5	00457367
ST740T	1 LED27S/827	PSED	WB	LIN-OVL	PIP	WH	22.5	116.0	I	A, F, G, L		5	00457368
ST740T	1 LED27S/830	PSE	VWB		PIP	WH	22.5	116.0	I			5	00459681
ST740T	1 LED27S/830	PSE	WB		PIP	BK	22.5	120.0	J	A, F, G, L		5	00457359
ST740T	1 LED27S/830	PSED	WB		PIP	BK	22.5	120.0	J	A, F, G, L		5	00457361
ST740T	1 LED27S/840	PSE	WB		PIP	WH	22.5	124.0	I	A, F, G, L		5	00457365
ST740T	1 LED27S/840	PSED	WB		PIP	WH	22.5	124.0	I	A, F, G, L		5	00457366
ST740T	1 LED27S/930	PSE	MB		PIP	BK	28.5	91.0	J	A, F, G, L		5	00457362
ST740T	1 LED27S/930	PSED	MB		PIP	BK	28.5	91.0	J	A, F, G, L		5	00457363
ST740T	1 LED27S/CRW	PSE	MB		PIP	WH-BK	32.0	84.0	H	A, F, G		5	00457106
ST740T	1 LED27S/CRW	PSE	WB		PIP	WH-BK	32.0	84.0	H	A, F, G		5	00457107
ST740T	1 LED39S/827	PSE	MB		PIP	WH	32.0	119.0	I	A, F, G, L		5	00457374
ST740T	1 LED39S/827	PSE	WB	LIN-OVL	PIP	WH	32.0	116.0	I	A, F, G, L		5	00457377
ST740T	1 LED39S/827	PSED	WB	LIN-OVL	PIP	WH	32.0	116.0	I	A, F, G, L		5	00457378
ST740T	1 LED39S/830	PSE	VWB		PIP	WH	32.0	119.0	I			5	00459682
ST740T	1 LED39S/830	PSE	WB		PIP	BK	32.0	122.0	J	A, F, G, L		5	00457369
ST740T	1 LED39S/830	PSED	WB		PIP	BK	32.0	122.0	J	A, F, G, L		5	00457371
ST740T	1 LED39S/840	PSE	WB		PIP	WH	32.0	128.0	I	A, F, G, L		5	00457375
ST740T	1 LED39S/840	PSED	WB		PIP	WH	32.0	128.0	I	A, F, G, L		5	00457376
ST740T	1 LED39S/930	PSE	MB		PIP	BK	39.0	100.0	J	A, F, G, L		5	00457372
ST740T	1 LED39S/930	PSED	MB		PIP	BK	39.0	100.0	J	A, F, G, L		5	00457373
ST740T	1 LED39S/PW9	PSED	MB	GC	PIP	WH	41.0	95.0	L	A, F, G		5	00459036
ST740T	1 LED39S/PW9	PSU	MB	GC	PIP	WH	41.0	95.0	L	A, F, G		5	00459038
ST740T	1 LED49S/830	PSED	MB	GC	PIP	WH	43.5	113.0	I	A, F, G, L		5	00459039
ST740T	1 LED49S/830	PSU	MB	GC	PIP	WH	43.5	113.0	I	A, F, G, L		5	00459041
ST740T	1 LED49S/PW9	PSED	MB	GC	PIP	WH	51.0	90.0	L	A, F, G		5	00459042
ST740T	1 LED49S/PW9	PSU	MB	GC	PIP	WH	51.0	90.0	L	A, F, G		5	00459044
ST750T	1 LED39S/827	PSED	VWB		PIP	WH	30.5	125.0	M	A, M-O		6	00457381
ST750T	1 LED39S/830	PSED	VWB		PIP	WH	30.5	131.0	M	A, M-O		6	00457379
ST750T	1 LED39S/840	PSED	VWB		PIP	WH	30.5	134.0	M	A, M-O		6	00457380
ST750T	1 LED39S/930	PSED	VWB		PIP	WH	38.5	101.0	M	A, M-O		6	00457382
ST750T	1 LED49S/827	PSE	MB		PIP	WH	41.5	118.0	M	A, M-O		6	00457387
ST750T	1 LED49S/827	PSE	WB	LIN-OVL	PIP	WH	41.5	116.0	M	A, M-O		6	00457390
ST750T	1 LED49S/827	PSED	WB	LIN-OVL	PIP	WH	41.5	116.0	M	A, M-O		6	00457391
ST750T	1 LED49S/830	PSE	WB		PIP	BK	41.5	120.0	N	A, M-O		6	00457383
ST750T	1 LED49S/830	PSED	WB		PIP	BK	41.5	120.0	N	A, M-O		6	00457384
ST750T	1 LED49S/840	PSE	VWB		PIP	WH	41.5	125.0	M	A, M-O		6	00457388
ST750T	1 LED49S/840	PSED	VWB		PIP	WH	41.5	125.0	M	A, M-O		6	00457389
ST750T	1 LED49S/930	PSE	MB		PIP	BK	52.0	96.0	N	A, M-O		6	00457385
ST750T	1 LED49S/930	PSED	MB		PIP	BK	52.0	96.0	N	A, M-O		6	00457386
ST750T	LED27S/CH	PSE	WB		PIP	BK	22.5	120.0	O			6	00465325

[1] 'Type' value description(s): 'ST730C' = STYLID MINI G3 SURFACE, 'ST730T' = STYLID MINI G3 TRACK, 'ST740C' = STYLID COMPACT G3 SURFACE, 'ST740S' = StylID Comp. Maxos fusion, 'ST740T' = STYLID COMPACT G3 TRACK, 'ST750T' = STYLID PERFORMANCE G3 TRACK

[2] 'Lamp' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'LED11S' = LED Module, system flux 1 100 lm, 'LED12S' = LED Module, system flux 1 200 lm, 'LED14S' = LED Module, system flux 1 400 lm, 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED49S' = LED Module, system flux 4 900 lm, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSE' = Power supply unit, DC compatible for central emergency lighting, 'PSED' = Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'GC' = Clear glass, 'LIN-OVL' = Linear-lens array oval shape

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White, 'WH-BK' = White and black

Accessory Range

Glare shield



A

Honey comb



B

Accessory Specification

Type[8]	Accessory color[9]	Material[10]	CE mark	Glare shielding accessories[11]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ST530Z	BK	ALU	CE	GS	A	UNP / 1	00454757
ST530Z	BK	ALU	CE	GS	A	UNP / 1	00454753
ST530Z	BK	ALU	CE	GS	A	UNP / 1	00454755
ST530Z	BK	ALU	CE	HC	B	UNP / 1	00454754
ST530Z	BK	ALU	CE	HC	B	UNP / 1	00454752
ST530Z	BK	ALU	CE	HC	B	UNP / 1	00454756

[8] 'Type' value description(s): 'ST530Z' = Accessories Projectors LED

[9] 'Accessory color' value description(s): 'BK' = Black

[10] 'Material' value description(s): 'ALU' = Aluminum

[11] 'Glare shielding accessories' value description(s): 'GS' = Glare shield, 'HC' = Honeycomb louver

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST730C	50-60	220 to 240	+/-10%	0.9	0.220	16.0	10.2	1	70 000	50 000	25 000
ST730C	50-60	220 to 240	+/-10%	0.9	0.250	14.0	10.2	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	20.0	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.220	16.0	10.2	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	10.2	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	12.6	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	13.2	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	14.8	1	70 000	50 000	25 000
ST740C	50-60	220 to 240	+/-10%	0.9	0.220	14.5	22.5	1	70 000	50 000	25 000
ST740C	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.0	1	70 000	50 000	25 000
ST740C	50-60	220 to 240	+/-10%	0.9	0.260	22.0	43.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	12.6	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	14.8	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	21.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	22.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	24.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	32.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.250	18.0	43.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	14.8	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	16.2	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	21.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	22.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	25.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	26.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	27.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	28.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	28.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	0.195	20.4	32.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	186.000	24.9	39.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	186.000	24.9	41.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	186.000	24.9	43.5	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	186.000	24.9	51.0	1	70 000	50 000	25 000
ST740S	50-60	220 to 240	+/-10%	0.9	186.000	24.9	52.0	1	70 000	50 000	25 000
ST740S	50-60	220-240	+/-10%	0.9	0.250	18.0	12.6	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	22.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	25.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	28.5	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	32.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	39.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	41.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	43.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	51.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	20.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	21.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	22.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	25.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	25.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	27.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	28.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	32.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.220	14.5	39.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	12.6	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	14.8	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.250	14.0	16.2	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.260	22.0	41.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.260	22.0	43.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.260	22.0	51.0	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	30.5	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	38.5	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	41.5	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.700	5.3	52.0	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.272	23.5	41.5	1	70 000	50 000	25 000
ST750T	50-60	220 to 240	+/-10%	0.9	0.272	23.5	52.0	1	70 000	50 000	25 000
ST750T	50-60	220-240	+/-10%	0.9	0.250	18.0	22.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[12]	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST730C	LED12S	830	3000	≥80	36	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
ST730T	LED11S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	91.0	1 200	+/-10%
ST730T	LED12S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	118.0	1 200	+/-10%
ST730T	LED12S	830	3000	≥80	36	(0.43, 0.40) SDCM <3	118.0	1 200	+/-10%
ST730T	LED12S	840	4000	≥80	36	(0.38, 0.38) SDCM <3	123.0	1 250	+/-10%
ST730T	LED12S	930	3000	≥90	30	(0.43, 0.40) SDCM <3	99.0	1 250	+/-10%
ST730T	LED12S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	81.0	1 200	+/-10%
ST730T	LED14S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	70.0	1 400	+/-10%
ST740C	LED27S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	120.0	2 700	+/-10%
ST740C	LED39S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
ST740C	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
ST740S	LED17S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	123.0	1 550	+/-10%
ST740S	LED17S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	112.0	1 650	+/-10%
ST740S	LED17S	840	4000	≥80	30	(0.38, 0.38) SDCM <3	115.0	1 700	+/-10%
ST740S	LED17S	930	3000	≥90	34	(0.43, 0.40) SDCM <3	102.0	1 650	+/-10%
ST740S	LED17S	CH	2700	≥90	34	(0.45, 0.41) SDCM <3	135.0	1 700	+/-10%
ST740S	LED17S	PW9	3000	≥90	54	(0.42, 0.38) SDCM <3	102.0	1 650	+/-10%
ST740S	LED19S	FMT	3000	≥85	34	(0.40, 0.33) SDCM<3	71.0	1 950	+/-10%
ST740S	LED20S	827	2700	≥80	10	(0.45, 0.41) SDCM <3	91.0	1 950	+/-10%
ST740S	LED20S	830	3000	≥80	10	(0.43, 0.40) SDCM <3	82.0	2 000	+/-10%
ST740S	LED20S	840	4000	≥80	10	(0.38, 0.38) SDCM <3	98.0	2 100	+/-10%
ST740S	LED20S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	75.0	1 900	+/-10%
ST740S	LED20S	PW9	3000	≥90	10	(0.42, 0.38) SDCM <3	73.0	1 900	+/-10%
ST740S	LED27S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	111.0	2 500	+/-10%
ST740S	LED27S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	116.0	2 600	+/-10%
ST740S	LED27S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	124.0	2 800	+/-10%
ST740S	LED27S	930	3000	≥90	34	(0.43, 0.40) SDCM <3	95.0	2 700	+/-10%
ST740S	LED27S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	84.0	2 700	+/-10%
ST740S	LED27S	PW9	3000	≥90	54	(0.42, 0.38) SDCM <3	93.0	2 600	+/-10%
ST740S	LED39S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	119.0	3 800	+/-10%

More data see next page

Type	Lamp family code[12]	Light source color[13]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST740S	LED39S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
ST740S	LED39S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	128.0	4 100	+/-10%
ST740S	LED39S	930	3000	≥90	34	(0.43, 0.40) SDCM <3	97.0	3 800	+/-10%
ST740S	LED39S	PW9	3000	≥90	54	(0.42, 0.38) SDCM <3	90.0	3 700	+/-10%
ST740S	LED49S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	108.0	4 700	+/-10%
ST740S	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
ST740S	LED49S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	120.0	5 200	+/-10%
ST740S	LED49S	930	3000	≥90	34	(0.43, 0.40) SDCM <3	85.0	4 400	+/-10%
ST740S	LED49S	PW9	3000	≥90	54	(0.42, 0.38) SDCM <3	86.0	4 400	+/-10%
ST740T	LED15S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	75.0	1 500	+/-10%
ST740T	LED17S	827	2700	≥80	24	(0.45, 0.41) SDCM <3	123.0	1 550	+/-10%
ST740T	LED17S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	112.0	1 650	+/-10%
ST740T	LED17S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	115.0	1 700	+/-10%
ST740T	LED17S	930	3000	≥90	24	(0.43, 0.40) SDCM <3	102.0	1 650	+/-10%
ST740T	LED17S	CH	2500	≥90	24	(0.45, 0.38) SDCM <3	68.0	1 700	+/-10%
ST740T	LED17S	CRW	3000	≥95	24	(0.43, 0.39) SDCM <3	81.0	1 700	+/-10%
ST740T	LED17S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	81.0	1 700	+/-10%
ST740T	LED19S	FMT	3000	≥85	36	(0.39, 0.33) SDCM <3	71.0	1 950	+/-10%
ST740T	LED20S	930	3000	≥90	10	(0.43, 0.40) SDCM <3	75.0	1 900	+/-10%
ST740T	LED27S	827	2700	≥80	24	(0.45, 0.41) SDCM <3	111.0	2 500	+/-10%
ST740T	LED27S	827	2700	≥80	30x60	(0.45, 0.41) SDCM <3	116.0	2 600	+/-10%
ST740T	LED27S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	120.0	2 700	+/-10%
ST740T	LED27S	830	3000	≥80	54	(0.43, 0.40) SDCM <3	116.0	2 600	+/-10%
ST740T	LED27S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	124.0	2 800	+/-10%
ST740T	LED27S	930	3000	≥90	24	(0.43, 0.40) SDCM <3	91.0	2 600	+/-10%
ST740T	LED27S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	84.0	2 700	+/-10%
ST740T	LED27S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	84.0	2 700	+/-10%
ST740T	LED39S	827	2700	≥80	30	(0.45, 0.41) SDCM <3	119.0	3 800	+/-10%
ST740T	LED39S	827	2700	≥80	30x60	(0.45, 0.41) SDCM <3	116.0	3 700	+/-10%
ST740T	LED39S	830	3000	≥80	34	(0.43, 0.40) SDCM <3	122.0	3 900	+/-10%
ST740T	LED39S	830	3000	≥80	54	(0.43, 0.40) SDCM <3	119.0	3 800	+/-10%
ST740T	LED39S	840	4000	≥80	34	(0.38, 0.38) SDCM <3	128.0	4 100	+/-10%
ST740T	LED39S	930	3000	≥90	30	(0.43, 0.40) SDCM <3	100.0	3 900	+/-10%
ST740T	LED39S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	95.0	3 900	+/-10%
ST740T	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
ST740T	LED49S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	90.0	4 600	+/-10%
ST750T	LED27S	CH	2700	≥90	30x60	(0.45, 0.41) SDCM <3	120.0	3 000	+/-10%
ST750T	LED39S	827	2700	≥80	54	(0.45, 0.41) SDCM <3	125.0	3 800	+/-10%
ST750T	LED39S	830	3000	≥80	54	(0.43, 0.40) SDCM <3	131.0	4 000	+/-10%
ST750T	LED39S	840	4000	≥80	54	(0.38, 0.38) SDCM <3	134.0	4 100	+/-10%
ST750T	LED39S	930	3000	≥90	54	(0.43, 0.40) SDCM <3	101.0	3 900	+/-10%
ST750T	LED49S	827	2700	≥80	24	(0.45, 0.41) SDCM <3	118.0	4 900	+/-10%
ST750T	LED49S	827	2700	≥80	30x60	(0.45, 0.41) SDCM <3	116.0	4 800	+/-10%
ST750T	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	120.0	5 000	+/-10%
ST750T	LED49S	840	4000	≥80	54	(0.38, 0.38) SDCM <3	125.0	5 200	+/-10%
ST750T	LED49S	930	3000	≥90	24	(0.43, 0.40) SDCM <3	96.0	5 000	+/-10%

[12] 'Lamp family code' value description(s): 'LED11S' = LED Module, system flux 1 100 lm, 'LED12S' = LED Module, system flux 1 200 lm, 'LED14S' = LED Module, system flux 1 400 lm, 'LED15S' = LED Module, system flux 1 500 lm, 'LED17S' = LED Module, system flux 1 700 lm, 'LED19S' = LED Module, system flux 1 900 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED49S' = LED Module, system flux 4 900 lm

[13] 'Light source color' value description(s): 'CH' = Champagne, 'CRW' = Crisp white, 'FMT' = Fresh meat, 'PW9' = Premium white with CRI ≥90, '827' = 827 warm white, '830' = 830 warm white, '840' = 840 neutral white, '930' = 930 warm white

Protection & classification standards

Type	Protection class IEC[14]	IP Classification[15]	Mech. impact protection code[16]	CE mark	ENEC mark	Flammability mark[17]	Glow-wire test[18] (°C/s)	RoHS mark
ST730C	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST730T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740C	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740S	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
ST740S	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST750T	II	IP20	IK02	CE	ENEC	F	650/5	ROHS
ST750T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[14] 'Protection class IEC' value description(s): 'II' = Safety class II

[15] 'IP Classification' value description(s): 'IP20' = Finger-protected

[16] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[17] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[18] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s, '650/5' = Temperature 650 °C, duration 5 s



StyliD CrispWhite – Experience intense whites and rich colors

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Fashion retailers generally want superior light sources that illuminate fabrics in the truest way possible, making colors appear rich and intense while keeping whites bright. A warm color temperature is often preferred, as it keeps colors true and saturated. Until now, a drawback of LED has been that whites can appear yellowish. The good news – that's about to change. CrispWhite is a unique concept in retail lighting that makes whites appear whiter than white, yet still gives colors a warm and saturated intensity. This new color experience will wow customers and make merchandise impossible to resist.

Product Range

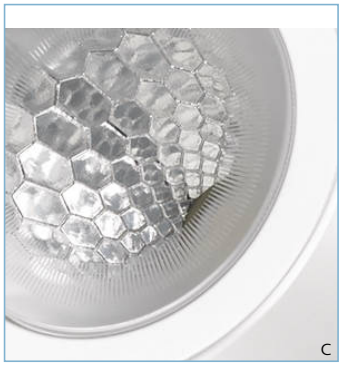

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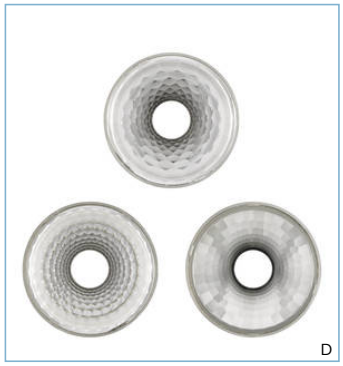

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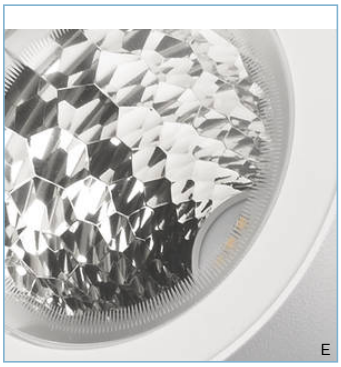
Detailed Photos


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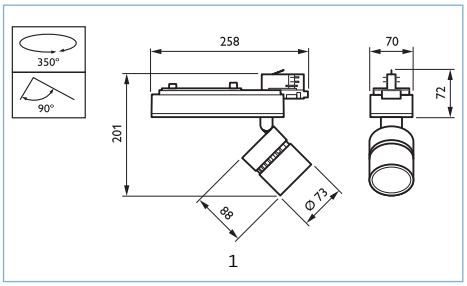

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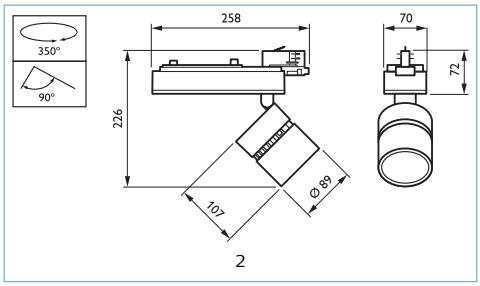

D


E

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
ST730T	1 LED12S/CRW	PSE	MB	PIP	WH-BK	14.8	81.0	A	A-C	1	004**57101**
ST730T	1 LED14S/CRW	PSE	NB	PIP	WH-BK	20.0	70.0	A	A-C	1	004**57102**
ST740T	1 LED15S/CRW	PSE	NB	PIP	WH-BK	20.0	75.0	B	A, D, E	2	004**57103**
ST740T	1 LED17S/CRW	PSE	MB	PIP	WH-BK	21.0	81.0	B	A, D, E	2	004**57104**
ST740T	1 LED17S/CRW	PSE	WB	PIP	WH-BK	21.0	81.0	B	A, D, E	2	004**57105**
ST740T	1 LED27S/CRW	PSE	MB	PIP	WH-BK	32.0	84.0	B	A, D, E	2	004**57106**
ST740T	1 LED27S/CRW	PSE	WB	PIP	WH-BK	32.0	84.0	B	A, D, E	2	004**57107**

[1] 'Type' value description(s): '**ST730T**' = STYLID MINI G3 TRACK, '**ST740T**' = STYLID COMPACT G3 TRACK

[2] 'Lamp' value description(s): '**CRW**' = Crisp white, '**LED12S**' = LED Module, system flux 1 200 lm, '**LED14S**' = LED Module, system flux 1 400 lm, '**LED15S**' = LED Module, system flux 1 500 lm, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED27S**' = LED Module, system flux 2 700 lm

[3] 'Driver/power unit/transformer' value description(s): '**PSE**' = Power supply unit, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**MB**' = Medium beam, '**NB**' = Narrow beam, '**WB**' = Wide beam

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**WH-BK**' = White and black

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST730T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	20.0	1	70 000	50 000	25 000
ST730T	50-60	220 to 240	+/-10%	0.9	0.25	14.0	14.8	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	20.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	21.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	32.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST730T	LED12S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	81.0	1 200	+/-10%
ST730T	LED14S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	70.0	1 400	+/-10%
ST740T	LED15S	CRW	3000	≥95	10	(0.43, 0.39) SDCM <3	75.0	1 500	+/-10%
ST740T	LED17S	CRW	3000	≥95	24	(0.43, 0.39) SDCM <3	81.0	1 700	+/-10%
ST740T	LED17S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	81.0	1 700	+/-10%
ST740T	LED27S	CRW	3000	≥95	30	(0.43, 0.39) SDCM <3	84.0	2 700	+/-10%
ST740T	LED27S	CRW	3000	≥95	34	(0.43, 0.39) SDCM <3	84.0	2 700	+/-10%

[7] 'Lamp family code' value description(s): '**LED12S**' = LED Module, system flux 1 200 lm, '**LED14S**' = LED Module, system flux 1 400 lm, '**LED15S**' = LED Module, system flux 1 500 lm, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED27S**' = LED Module, system flux 2 700 lm

[8] 'Light source color' value description(s): '**CRW**' = Crisp white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
ST730T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[9] 'Protection class IEC' value description(s): '**II**' = Safety class II

[10] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[11] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[12] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



StyliD PremiumWhite – Ideal mix of outstanding light quality and energy savings for (fashion) retailers

If you want a high quality of light and color rendering for your store, without having to compromise on energy savings, then StyliD Premium-White is exactly what you are looking for. This exciting solution delivers the same sparkling light effects as CDM conventional lighting. So now you can make the switch to LED with confidence!

Product Range

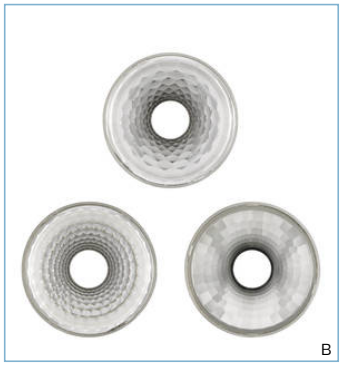

A

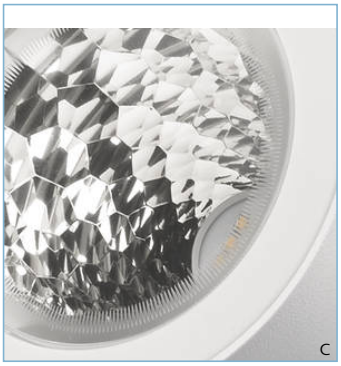

B


C

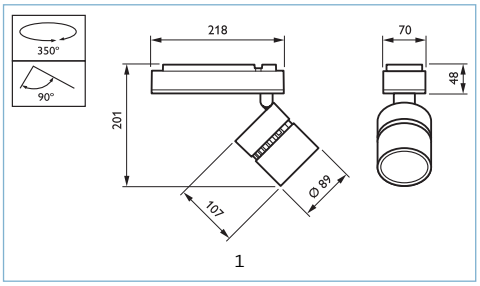
Detailed Photos


A

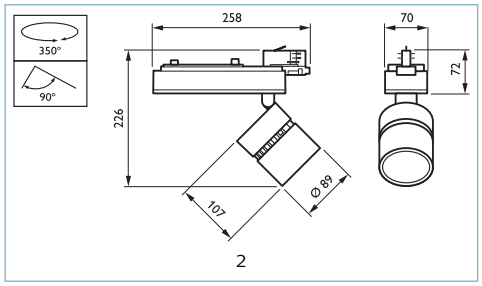

B


C

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
ST740C	1 LED20S/PW9	PSE	NB		PIP	WH	26.0	73.0	A	A-C	1	00459033
ST740C	1 LED39S/PW9	PSU	MB		PIP	WH	41.0	95.0	A	A-C	1	00459037
ST740C	1 LED49S/PW9	PSU	MB		PIP	WH	51.0	90.0	A	A-C	1	00459043
ST740T	1 LED17S/PW9	PSE	MB		PIP	BK	16.2	102.0	B	A-C	2	00458313
ST740T	1 LED20S/PW9	PSE	NB	GC	PIP	WH	26.0	73.0	C	A-C	2	00459034
ST740T	1 LED20S/PW9	PSED	NB	GC	PIP	WH	26.0	73.0	C	A-C	2	00459035
ST740T	1 LED27S/PW9	PSE	MB	GC	PIP	BK	28.0	93.0	B	A-C	2	00458314
ST740T	1 LED39S/PW9	PSED	MB	GC	PIP	WH	41.0	95.0	C	A-C	2	00459036
ST740T	1 LED39S/PW9	PSU	MB	GC	PIP	WH	41.0	95.0	C	A-C	2	00459038
ST740T	1 LED49S/PW9	PSED	MB	GC	PIP	WH	51.0	90.0	C	A-C	2	00459042
ST740T	1 LED49S/PW9	PSU	MB	GC	PIP	WH	51.0	90.0	C	A-C	2	00459044

[1] 'Type' value description(s): 'ST740C' = STYLID COMPACT G3 SURFACE, 'ST740T' = STYLID COMPACT G3 TRACK

[2] 'Lamp' value description(s): 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED49S' = LED Module, system flux 4 900 lm, 'PW9' = Premium white with CRI ≥90

[3] 'Driver/power unit/transformer' value description(s): 'PSE' = Power supply unit, DC compatible for central emergency lighting, 'PSED' = Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam

[5] 'Optical cover/lens type' value description(s): 'GC' = Clear glass

[6] 'Connection' value description(s): 'PIP' = Push-in connector and pull relief

[7] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST740C	50-60	220 to 240	+/-10%	0.9	0.25	20.0	26.0	1	70 000	50 000	25 000
ST740C	50-60	220 to 240	+/-10%	0.9	0.26	22.0	41.0	1	70 000	50 000	25 000
ST740C	50-60	220 to 240	+/-10%	0.9	0.26	22.0	51.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.70	5.3	26.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.70	5.3	41.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.70	5.3	51.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.25	14.0	16.2	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.25	20.0	26.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.25	20.0	28.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.26	22.0	41.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.26	22.0	51.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST740C	LED20S	PW9	3000	≥90	10	(0.42, 0.38) SDCM <3	73.0	1 900	+/-10%
ST740C	LED39S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	95.0	3 900	+/-10%
ST740C	LED49S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	90.0	4 600	+/-10%
ST740T	LED17S	PW9	3000	≥90	24	(0.42, 0.38) SDCM <3	102.0	1 650	+/-10%
ST740T	LED20S	PW9	3000	≥90	10	(0.42, 0.38) SDCM <3	73.0	1 900	+/-10%
ST740T	LED27S	PW9	3000	≥90	24	(0.42, 0.38) SDCM <3	93.0	2 600	+/-10%
ST740T	LED39S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	95.0	3 900	+/-10%
ST740T	LED49S	PW9	3000	≥90	30	(0.42, 0.38) SDCM <3	90.0	4 600	+/-10%

[8] 'Lamp family code' value description(s): 'LED17S' = LED Module, system flux 1 700 lm, 'LED20S' = LED Module, system flux 2 000 lm, 'LED27S' = LED Module, system flux 2 700 lm, 'LED39S' = LED Module, system flux 3 900 lm, 'LED49S' = LED Module, system flux 4 900 lm

[9] 'Light source color' value description(s): 'PW9' = Premium white with CRI ≥90

Protection & classification standards

Type	Protection class IEC[10]	IP Classification[11]	Mech. impact protection code[12]	CE mark	ENEC mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	RoHS mark
ST740C	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[10] 'Protection class IEC' value description(s): 'II' = Safety class II

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected

[12] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



StyliD PerfectBeam - endless possibilities to shape light

StyliD PerfectBeam has been developed specifically for museum applications. It strikes the perfect balance between presenting art and preserving it, between ever-changing exhibitions and the need for low maintenance and energy efficiency. The often conflicting demands for good visibility and conservation are now being met with LED lighting that emits no harmful UV or IR radiation. StyliD PerfectBeam presents works of art in their true colors, subtly attracting the viewer's eye, making it easy to see, interpret and appreciate masterpieces down to the smallest detail. It enables you to use light to evoke emotions and create an unforgettable museum experience. Its modular design, variable beam, beam shaping accessories and onboard dimming ensure maximum flexibility to cope with changing exhibitions and lighting needs, now and in the future.

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optical cover/lens type[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
ST741T	LED5S/927	PSR	PM	BK	21	32.0	048**01183**
ST741T	LED5S/927	PSR	PM	WH-BK	21	32.0	048**01181**
ST741T	LED5S/930	PSR	PM	BK	21	32.0	048**01184**
ST741T	LED5S/930	PSR	PM	WH-BK	21	32.0	048**01182**
ST742T	LED5S/927	PSR	PM	BK	21	12.0	048**01187**
ST742T	LED5S/927	PSR	PM	WH-BK	21	12.0	048**01185**
ST742T	LED5S/930	PSR	PM	BK	21	12.0	048**01188**
ST742T	LED5S/930	PSR	PM	WH-BK	21	12.0	048**01186**

[1] 'Lamp' value description(s): '**LED5S**' = LED Module, system flux 500 lm, '**927**' = 927 warm white, '**930**' = 930 warm white

[2] 'Driver/power unit/transformer' value description(s): '**PSR**' = Power supply unit regulating

[3] 'Optical cover/lens type' value description(s): '**PM**' = Polymethyl methacrylate bowl/cover

[4] 'Accessory color' value description(s): '**BK**' = Black, '**WH-BK**' = White and black

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Initial input power (W)	Driver failure rate at 5000 h (%)
ST741T	50-60	220/240	+/-2%	21	1
ST742T	50-60	220/240	+/-2%	21	1

Light technical data

Type	Lamp family code[5]	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST741T	LED5S	927	2700	90	32.0	684	+/-1%
ST741T	LED5S	930	3000	90	32.0	684	+/-1%
ST742T	LED5S	927	2700	90	12.0	263	+/-1%
ST742T	LED5S	930	3000	90	12.0	263	+/-1%

[5] 'Lamp family code' value description(s): '**LED5S**' = LED Module, system flux 500 lm

[6] 'Light source color' value description(s): '**927**' = 927 warm white, '**930**' = 930 warm white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark
ST741T	II	IP20	IK02	CE
ST742T	II	IP20	IK02	CE

[7] 'Protection class IEC' value description(s): 'II' = Safety class II

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard



StyliD Fresh Food – Bring your food produce to life

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Food retailers generally want superior light sources that illuminate their fresh food counters in the freshest way possible, making food appealing while keeping the light ambiance attractive and welcoming. When a warm light ambiance is preferred, Fresh Food Champagne is the perfect LED solution to light fruit, vegetables, cheese, bread and pastries. Fresh Food Rose is a perfect warm-light solution for meat counters, enhancing the redness of meat but also slowing down the discoloration of sliced meat. When a brighter or more natural light ambiance is preferred, Fresh Food Authentic White is recommended for fruits, vegetables, cheeses, bread and pastries. Fresh Food Meat creates the best light setting for meat enhancement in a cooler ambiance.

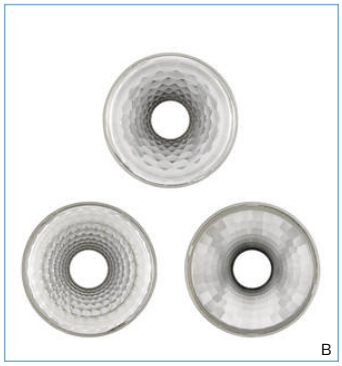
Product Range

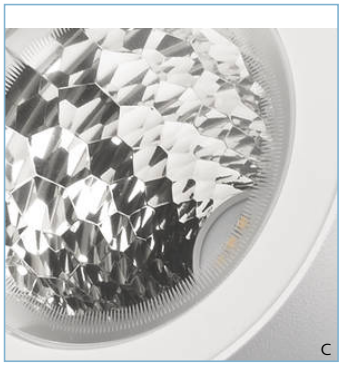

A


B

Detailed Photos

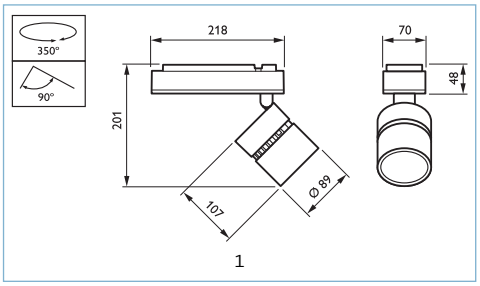

A


B

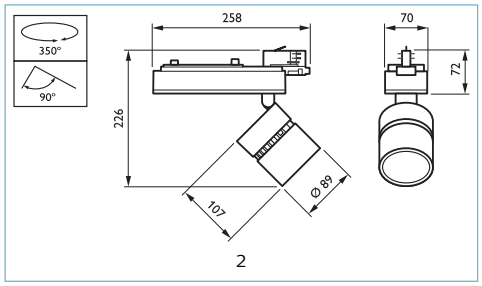

C


D

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
ST740C	1 LED49S/830	PSU	MB	PIP	WH	43.5	113.0	A	A-D	1	004**59040**
ST740T	1 LED17S/CH	PSE	MB	PIP	BK	25.0	68.0	B	A-C	2	004**57086**
ST740T	1 LED19S/FMT	PSE	WB	PIP	BK	27.5	71.0	B	A-C	2	004**57087**

[1] 'Type' value description(s): '**ST740C**' = STYLID COMPACT G3 SURFACE, '**ST740T**' = STYLID COMPACT G3 TRACK

[2] 'Lamp' value description(s): '**CH**' = Champagne, '**FMT**' = Fresh meat, '**LED17S**' = LED Module, system flux 1 700 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED49S**' = LED Module, system flux 4 900 lm, '**830**' = 830 warm white

[3] 'Driver/power unit/transformer' value description(s): '**PSE**' = Power supply unit, DC compatible for central emergency lighting, '**PSU**' = Power supply unit

[4] 'Optic type' value description(s): '**MB**' = Medium beam, '**WB**' = Wide beam

[5] 'Connection' value description(s): '**PIP**' = Push-in connector and pull relief

[6] 'Accessory color' value description(s): '**BK**' = Black, '**WH**' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST740C	50-60	220 to 240	+/-10%	0.9	0.26	22.0	43.5	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	25.0	1	70 000	50 000	25 000
ST740T	50-60	220 to 240	+/-10%	0.9	0.22	14.5	27.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST740C	LED49S	830	3000	≥80	30	(0.43, 0.40) SDCM <3	113.0	4 900	+/-10%
ST740T	LED17S	CH	2500	≥90	24	(0.45, 0.38) SDCM <3	68.0	1 700	+/-10%
ST740T	LED19S	FMT	3000	≥85	36	(0.39, 0.33) SDCM <3	71.0	1 950	+/-10%

[7] 'Lamp family code' value description(s): '**LED17S**' = LED Module, system flux 1 700 lm, '**LED19S**' = LED Module, system flux 1 900 lm, '**LED49S**' = LED Module, system flux 4 900 lm

[8] 'Light source color' value description(s): '**CH**' = Champagne, '**FMT**' = Fresh meat, '**830**' = 830 warm white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
ST740C	II	IP20	IK02	CE	ENEC	F	650/30	ROHS
ST740T	II	IP20	IK02	CE	ENEC	F	650/30	ROHS

[9] 'Protection class IEC' value description(s): '**II**' = Safety class II

[10] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[11] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[12] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '**650/30**' = Temperature 650 °C, duration 30 s



CoreLine Projector - When lighting really matters

The CoreLine Projector is designed to replace halogen and CDM-standard-based projectors for retail and hospitality applications. This track based luminaire supports retailers to let their products stand out, or highlight certain objects. The clean design with integrated driver, and choice in 23 or 36 degree beam angle makess the CoreLine Projector relevant to many applications.

Product Range


A


B


C


D


E


F

Detailed Photos

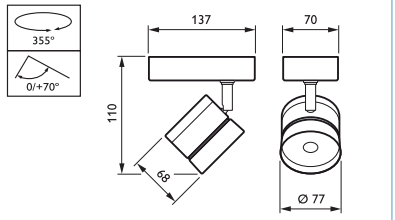
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A

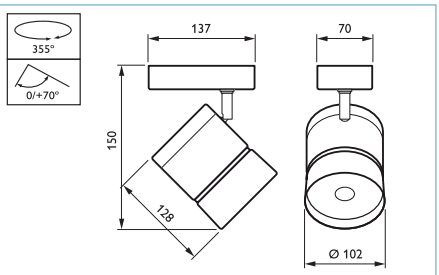
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B

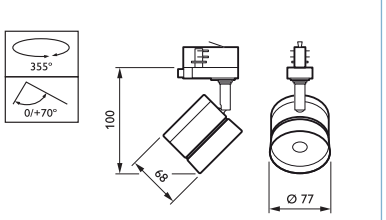
Dimension Drawing



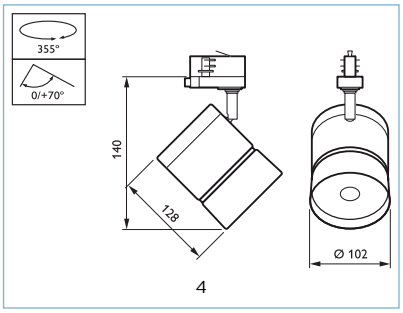
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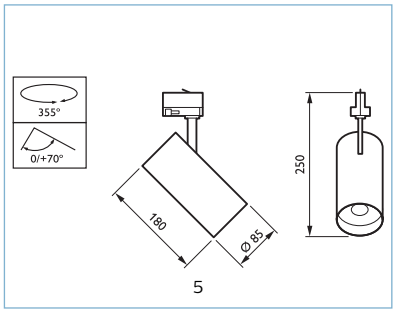
2



3



4



5

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
ST120C	1 LED8S/830	PSU	24	SI	BK	11	73.0	A		1	910503910090
ST120C	1 LED8S/840	PSU	24	SI	BK	11	73.0	A		1	910503910091
ST120C	1 LED24S/830	PSU	24	SI	BK	33	73.0	B		2	910503910094
ST120C	1 LED24S/840	PSU	24	SI	BK	33	73.0	B		2	910503910095
ST120T	1 LED8S/830	PSU	24	TC	BK	11	73.0	C		3	910503910088
ST120T	1 LED8S/840	PSU	24	TC	BK	11	73.0	C		3	910503910089
ST120T	1 LED24S/830	PSU	24	TC	BK	33	73.0	D		4	910503910092
ST120T	1 LED24S/840	PSU	24	TC	BK	33	73.0	D		4	910503910093
ST150T	LED22S/830	PSU	24	TC	BK-BK	24	90.0	E	A, B	5	912401483217
ST150T	LED22S/830	PSU	24	TC	WH-BK	24	90.0	F	A, B	5	912401483219
ST150T	LED22S/830	PSU	36	TC	BK-BK	24	90.0	E	A, B	5	912401483221
ST150T	LED22S/830	PSU	36	TC	WH-BK	24	90.0	F	A, B	5	912401483223
ST150T	LED22S/840	PSU	24	TC	BK-BK	24	90.0	E	A, B	5	912401483218
ST150T	LED22S/840	PSU	24	TC	WH-BK	24	90.0	F	A, B	5	912401483220
ST150T	LED22S/840	PSU	36	TC	BK-BK	24	90.0	E	A, B	5	912401483222
ST150T	LED22S/840	PSU	36	TC	WH-BK	24	90.0	F	A, B	5	912401483224

[1] 'Type' value description(s): 'ST120C' = CORELINE PROJECTOR, 'ST120T' = CORELINE PROJECTOR

[2] 'Lamp' value description(s): 'LED24S' = LED Module, system flux 2 400 lm, 'LED8S' = LED Module, system flux 800 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[4] 'Optic type' value description(s): '24' = Beam angle 24°, '36' = Beam angle 36°

[5] 'Connection' value description(s): 'SI' = Screw connection block 3-pole, 'TC' = Feed-through connector 3-pole

[6] 'Accessory color' value description(s): 'BK' = Black, 'BK-BK' = Black and black, 'WH-BK' = White and black

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
ST120C	50-60	220 to 240	+/-10%	0.9	28	3.4	11	1.5	30 000	20 000	10 000
ST120C	50-60	220 to 240	+/-10%	0.9	40	5.6	33	1.5	30 000	20 000	10 000
ST120T	50-60	220 to 240	+/-10%	0.9	28	3.4	11	1.5	30 000	20 000	10 000
ST120T	50-60	220 to 240	+/-10%	0.9	40	5.6	33	1.5	30 000	20 000	10 000
ST150T	50-60	220-240	+/-10%	0.9	125	8.7	24	0.7	50 000		

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST120C	LED8S	830	3000	80	24	(0.43, 0.40) SDCM<3	73.0	800	+/-10%
ST120C	LED8S	840	4000	80	24	(0.38, 0.38) SDCM<3	73.0	800	+/-10%
ST120C	LED24S	830	3000	80	24	(0.43, 0.40) SDCM<3	73.0	2 400	+/-10%
ST120C	LED24S	840	4000	80	24	(0.38, 0.38) SDCM<3	73.0	2 400	+/-10%
ST120T	LED8S	830	3000	80	24	(0.43, 0.40) SDCM<3	73.0	800	+/-10%
ST120T	LED8S	840	4000	80	24	(0.38, 0.38) SDCM<3	73.0	800	+/-10%
ST120T	LED24S	830	3000	80	24	(0.43, 0.40) SDCM<3	73.0	2 400	+/-10%
ST120T	LED24S	840	4000	80	24	(0.38, 0.38) SDCM<3	73.0	2 400	+/-10%

More data see next page

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST150T	LED22S	830	3000	>80	24	(0.43, 0.40) SDCM<3	90.0	2 200	+/-10%
ST150T	LED22S	830	3000	>80	36	(0.43, 0.40) SDCM<3	90.0	2 200	+/-10%
ST150T	LED22S	840	4000	>80	24	(0.38, 0.38) SDCM<3	90.0	2 200	+/-10%
ST150T	LED22S	840	4000	>80	36	(0.38, 0.38) SDCM<3	90.0	2 200	+/-10%

[7] 'Lamp family code' value description(s): 'LED24S' = LED Module, system flux 2 400 lm, 'LED8S' = LED Module, system flux 800 lm

[8] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
ST120C	I	IP20	IK02	CE		650/5	ROHS
ST120T	I	IP20	IK02	CE		650/5	ROHS
ST150T	I	IP20	IK02	CE	F	650/5	ROHS

[9] 'Protection class IEC' value description(s): 'I' = Safety class I

[10] 'IP Classification' value description(s): 'IP20' = Finger-protected

[11] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



Essential SmartBright LED Projector is value for money product with high efficacy, good quality and reliability. It offers diverse configurations from 800 lm to 3 000 lm output, and better beam performance with lens design.

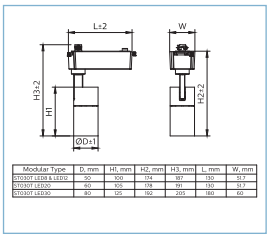
It could apply to shopping mall, retail store, It's an ideal product family to distribute in trade market

Product Range





Dimension Drawing



Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9114...)
ST030T	830	ET	CI	BLACK	6	100.0	A	01714742
ST030T	830	ET	CI	BLACK	6	100.0	A	01714712
ST030T	830	ET	CI	BLACK	8	100.0	A	01714392
ST030T	830	ET	CI	BLACK	8	100.0	A	01714372
ST030T	830	ET	CI	BLACK	8	100.0	A	01714072
ST030T	830	ET	CI	BLACK	8	100.0	A	01714052
ST030T	830	ET	CI	BLACK	14	85.7	A	01714802
ST030T	830	ET	CI	BLACK	14	85.7	A	01714432
ST030T	830	ET	CI	BLACK	14	85.7	A	01714412
ST030T	830	ET	CI	BLACK	14	85.7	A	01714092
ST030T	830	ET	CI	BLACK	14	85.7	A	01714112
ST030T	830	ET	CI	BLACK	14	85.7	A	01714772
ST030T	830	ET	CI	BLACK	23	52.2	A	01714452
ST030T	830	ET	CI	BLACK	23	87.0	A	01714472
ST030T	830	ET	CI	BLACK	23	87.0	A	01714152
ST030T	830	ET	CI	BLACK	23	87.0	A	01714132
ST030T	830	ET	CI	BLACK	24	83.3	A	01714862
ST030T	830	ET	CI	BLACK	24	83.3	A	01714832
ST030T	830	ET	CI	BLACK	35	57.1	A	01714492
ST030T	830	ET	CI	BLACK	35	85.7	A	01714512

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9114...)
ST030T	830	ET	CI	BLACK	35	85.7	A	01714192
ST030T	830	ET	CI	BLACK	35	85.7	A	01714172
ST030T	830	ET	CI	WH	6	100.0	B	01714562
ST030T	830	ET	CI	WH	6	500.0	B	01714532
ST030T	830	ET	CI	WH	8	100.0	B	01713912
ST030T	830	ET	CI	WH	8	100.0	B	01714232
ST030T	830	ET	CI	WH	8	100.0	B	01714212
ST030T	830	ET	CI	WH	8	100.0	B	01713892
ST030T	830	ET	CI	WH	14	85.7	B	01714592
ST030T	830	ET	CI	WH	14	85.7	B	01714622
ST030T	830	ET	CI	WH	14	85.7	B	01714252
ST030T	830	ET	CI	WH	14	85.7	B	01714272
ST030T	830	ET	CI	WH	14	85.7	B	01713932
ST030T	830	ET	CI	WH	14	85.7	B	01713952
ST030T	830	ET	CI	WH	23	87.0	B	01714312
ST030T	830	ET	CI	WH	23	87.0	B	01714292
ST030T	830	ET	CI	WH	23	87.0	B	01713992
ST030T	830	ET	CI	WH	23	87.0	B	01713972
ST030T	830	ET	CI	WH	24	83.3	B	01714682
ST030T	830	ET	CI	WH	24	83.3	B	01714652
ST030T	830	ET	CI	WH	35	85.7	B	01714332
ST030T	830	ET	CI	WH	35	85.7	B	01714352
ST030T	830	ET	CI	WH	35	85.7	B	01714032
ST030T	830	ET	CI	WH	35	85.7	B	01714012
ST030T	840	ET	CI	BLACK	6	100.0	A	01714722
ST030T	840	ET	CI	BLACK	6	100.0	A	01714752
ST030T	840	ET	CI	BLACK	8	100.0	A	01714082
ST030T	840	ET	CI	BLACK	8	100.0	A	01714402
ST030T	840	ET	CI	BLACK	8	100.0	A	01714382
ST030T	840	ET	CI	BLACK	8	100.0	A	01714062
ST030T	840	ET	CI	BLACK	14	85.7	A	01714812
ST030T	840	ET	CI	BLACK	14	85.7	A	01714782
ST030T	840	ET	CI	BLACK	14	85.7	A	01714422
ST030T	840	ET	CI	BLACK	14	85.7	A	01714102
ST030T	840	ET	CI	BLACK	14	85.7	A	01714122
ST030T	840	ET	CI	BLACK	23	87.0	A	01714482
ST030T	840	ET	CI	BLACK	23	87.0	A	01714462
ST030T	840	ET	CI	BLACK	23	87.0	A	01714162
ST030T	840	ET	CI	BLACK	23	87.0	A	01714142
ST030T	840	ET	CI	BLACK	24	83.3	A	01714842
ST030T	840	ET	CI	BLACK	24	83.3	A	01714872
ST030T	840	ET	CI	BLACK	35	85.7	A	01714522
ST030T	840	ET	CI	BLACK	35	85.7	A	01714502
ST030T	840	ET	CI	BLACK	35	85.7	A	01714182
ST030T	840	ET	CI	BLACK	35	85.7	A	01714202
ST030T	840	ET	CI	WH	6	100.0	B	01714542
ST030T	840	ET	CI	WH	6	100.0	B	01714572
ST030T	840	ET	CI	WH	8	100.0	B	01714222
ST030T	840	ET	CI	WH	8	100.0	B	01714242
ST030T	840	ET	CI	WH	8	100.0	B	01713902
ST030T	840	ET	CI	WH	8	100.0	B	01713922
ST030T	840	ET	CI	WH	14	85.7	B	01714602
ST030T	840	ET	CI	WH	14	85.7	B	01714632
ST030T	840	ET	CI	WH	14	85.7	B	01714282
ST030T	840	ET	CI	WH	14	85.7	B	01714262
ST030T	840	ET	CI	WH	14	85.7	B	01713942
ST030T	840	ET	CI	WH	14	85.7	B	01713962
ST030T	840	ET	CI	WH	23	87.0	B	01714322
ST030T	840	ET	CI	WH	23	87.0	B	01714302
ST030T	840	ET	CI	WH	23	87.0	B	01714002
ST030T	840	ET	CI	WH	23	87.0	B	01713982
ST030T	840	ET	CI	WH	24	83.3	B	01714692
ST030T	840	ET	CI	WH	24	83.3	B	01714662
ST030T	840	ET	CI	WH	35	85.7	B	01714342
ST030T	840	ET	CI	WH	35	85.7	B	01714362

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Material Nr. (12NC) (9114...)
ST030T	840	ET	CI	WH	35	85.7	B	01714042
ST030T	840	ET	CI	WH	35	85.7	B	01714022
ST030T	850	ET	CI	BLACK	6	100.0	A	01714732
ST030T	850	ET	CI	BLACK	6	100.0	A	01714762
ST030T	850	ET	CI	BLACK	8	100.0	A	01720492
ST030T	850	ET	CI	BLACK	8	100.0	A	01720502
ST030T	850	ET	CI	BLACK	8	100.0	A	01720662
ST030T	850	ET	CI	BLACK	8	100.0	A	01720652
ST030T	850	ET	CI	BLACK	14	85.7	A	01720682
ST030T	850	ET	CI	BLACK	14	85.7	A	01720522
ST030T	850	ET	CI	BLACK	14	85.7	A	01714792
ST030T	850	ET	CI	BLACK	14	85.7	A	01720512
ST030T	850	ET	CI	BLACK	14	85.7	A	01720672
ST030T	850	ET	CI	BLACK	14	85.7	A	01714822
ST030T	850	ET	CI	BLACK	23	87.0	A	01720702
ST030T	850	ET	CI	BLACK	23	87.0	A	01720532
ST030T	850	ET	CI	BLACK	23	87.0	A	01720542
ST030T	850	ET	CI	BLACK	23	87.0	A	01720692
ST030T	850	ET	CI	BLACK	24	83.3	A	01714882
ST030T	850	ET	CI	BLACK	24	83.3	A	01714852
ST030T	850	ET	CI	BLACK	35	100.0	A	01720722
ST030T	850	ET	CI	BLACK	35	100.0	A	01720712
ST030T	850	ET	CI	BLACK	35	100.0	A	01720552
ST030T	850	ET	CI	BLACK	35	100.0	A	01720562
ST030T	850	ET	CI	WH	6	100.0	B	01714552
ST030T	850	ET	CI	WH	6	100.0	B	01714582
ST030T	850	ET	CI	WH	8	100.0	B	01720582
ST030T	850	ET	CI	WH	8	100.0	B	01720412
ST030T	850	ET	CI	WH	8	100.0	B	01720572
ST030T	850	ET	CI	WH	8	100.0	B	01720422
ST030T	850	ET	CI	WH	14	85.7	B	01720592
ST030T	850	ET	CI	WH	14	85.7	B	01720602
ST030T	850	ET	CI	WH	14	85.7	B	01720442
ST030T	850	ET	CI	WH	14	85.7	B	01714612
ST030T	850	ET	CI	WH	14	85.7	B	01720432
ST030T	850	ET	CI	WH	14	85.7	B	01714642
ST030T	850	ET	CI	WH	23	87.0	B	01720612
ST030T	850	ET	CI	WH	23	87.0	B	01720462
ST030T	850	ET	CI	WH	23	87.0	B	01720452
ST030T	850	ET	CI	WH	23	87.0	B	01720622
ST030T	850	ET	CI	WH	24	83.3	B	01714702
ST030T	850	ET	CI	WH	24	83.3	B	01714672
ST030T	850	ET	CI	WH	35	100.0	B	01720472
ST030T	850	ET	CI	WH	35	100.0	B	01720632
ST030T	850	ET	CI	WH	35	100.0	B	01720642
ST030T	850	ET	CI	WH	35	100.0	B	01720482

[1] 'Lamp' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '850' = 850 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'ET' = Electronic transformer

[3] 'Connection' value description(s): 'CI' = Internal connector

[4] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Initial input power (W)	Median useful life L70B50 (h)
ST030T	50-60	220 to 240	+/-10%	0.9	6	20 000
ST030T	50-60	220 to 240	+/-10%	0.9	8	20 000
ST030T	50-60	220 to 240	+/-10%	0.9	14	20 000
ST030T	50-60	220 to 240	+/-10%	0.9	23	20 000
ST030T	50-60	220 to 240	+/-10%	0.9	24	20 000
ST030T	50-60	220 to 240	+/-10%	0.9	35	20 000

Light technical data

Type	Light source color[5]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
ST030T	830	3000	>80	24	SDCM<5	52.2	1 200	+/-10%
ST030T	830	3000	>80	24	SDCM<5	57.1	2 000	+/-10%
ST030T	830	3000	>80	24	SDCM<5	83.3	2 000	+/-10%
ST030T	830	3000	>80	24	SDCM<5	85.7	1 200	+/-10%
ST030T	830	3000	>80	24	SDCM<5	85.7	3 000	+/-10%
ST030T	830	3000	>80	24	SDCM<5	87.0	2 000	+/-10%
ST030T	830	3000	>80	24	SDCM<5	100.0	600	+/-10%
ST030T	830	3000	>80	24	SDCM<5	100.0	800	+/-10%
ST030T	830	3000	>80	24	SDCM<5	500.0	3 000	+/-10%
ST030T	830	3000	>80	36	SDCM<5	83.3	2 000	+/-10%
ST030T	830	3000	>80	36	SDCM<5	85.7	1 200	+/-10%
ST030T	830	3000	>80	36	SDCM<5	85.7	3 000	+/-10%
ST030T	830	3000	>80	36	SDCM<5	87.0	2 000	+/-10%
ST030T	830	3000	>80	36	SDCM<5	100.0	600	+/-10%
ST030T	830	3000	>80	36	SDCM<5	100.0	800	+/-10%
ST030T	840	4000	>80	24	SDCM<5	83.3	2 000	+/-10%
ST030T	840	4000	>80	24	SDCM<5	85.7	1 200	+/-10%
ST030T	840	4000	>80	24	SDCM<5	85.7	3 000	+/-10%
ST030T	840	4000	>80	24	SDCM<5	87.0	2 000	+/-10%
ST030T	840	4000	>80	24	SDCM<5	100.0	600	+/-10%
ST030T	840	4000	>80	24	SDCM<5	100.0	800	+/-10%
ST030T	840	4000	>80	36	SDCM<5	83.3	2 000	+/-10%
ST030T	840	4000	>80	36	SDCM<5	85.7	1 200	+/-10%
ST030T	840	4000	>80	36	SDCM<5	85.7	3 000	+/-10%
ST030T	840	4000	>80	36	SDCM<5	87.0	2 000	+/-10%
ST030T	840	4000	>80	36	SDCM<5	100.0	600	+/-10%
ST030T	840	4000	>80	36	SDCM<5	100.0	800	+/-10%
ST030T	850	5000	>80	24	SDCM<6	83.3	2 000	+/-10%
ST030T	850	5000	>80	24	SDCM<6	85.7	1 200	+/-10%
ST030T	850	5000	>80	24	SDCM<6	87.0	2 000	+/-10%
ST030T	850	5000	>80	24	SDCM<6	100.0	600	+/-10%
ST030T	850	5000	>80	24	SDCM<6	100.0	800	+/-10%
ST030T	850	5000	>80	36	SDCM<6	83.3	2 000	+/-10%
ST030T	850	5000	>80	36	SDCM<6	85.7	1 200	+/-10%
ST030T	850	5000	>80	36	SDCM<6	100.0	600	+/-10%
ST030T	850	5000	>80	36	SDCM<6	100.0	3 500	+/-10%

[5] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '850' = 850 neutral white

Protection & classification standards

Type	Protection class IEC[6]	IP Classification[7]	Mech. impact protection code[8]	CE mark	RoHS mark
ST030T	I	IP20	IK03		ROHS
ST030T	I	IP20	IK03	CE	ROHS
ST030T	II	IP20	IK03		ROHS

[6] 'Protection class IEC' value description(s): 'I' = Safety class I, 'II' = Safety class II

[7] 'IP Classification' value description(s): 'IP20' = Finger-protected

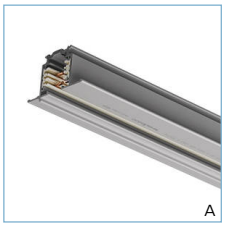
[8] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J



RCS750 3-circuit square track system – flexible and multifunctional

The RCS750 3-circuit square track system is made up of a solid aluminum track available in lengths of 1, 2, 3 and 4 m with four electrical conductors. Any given configuration can be created easily: horizontal or vertical, mounted on or in the ceiling, on the wall or on free-standing panels. The system can also be used as a floating structure. All luminaires have a separate power supply and can be switched selectively. They can be moved easily to change the lighting and presentation. In this way, a multifunctional track system can be created for accent lighting as well as for suspending advertising and decorative material. A range of adaptors, power supply connections and mounting accessories is also available.

Product Range


A


B


C


D


E


F


G


H


I


J


K


L


M


N


O


P


Q


R


S


T


U


V


W

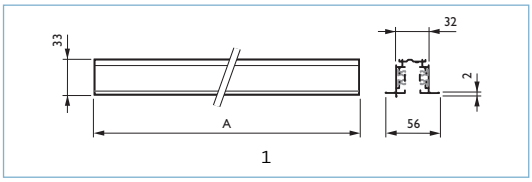

X


Y

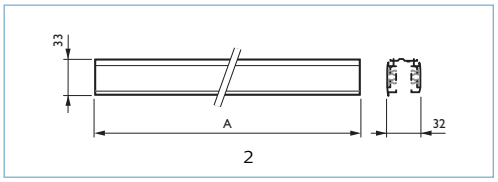

Z


AA

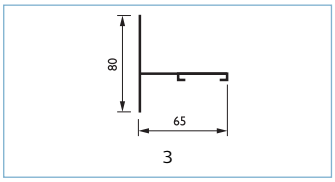
Dimension Drawing



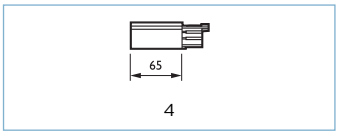
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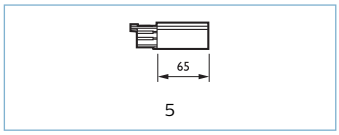
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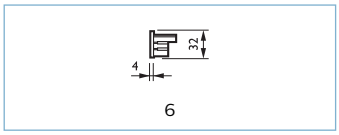
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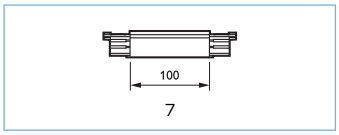
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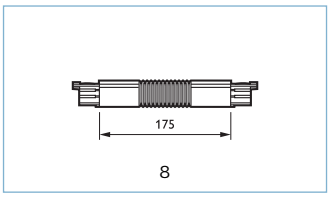
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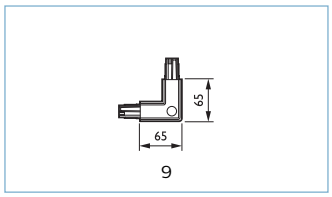
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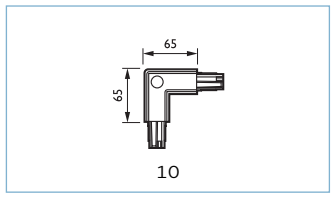
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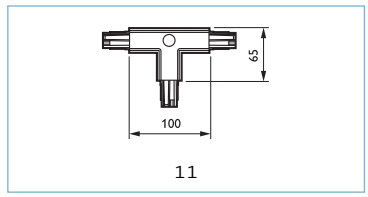
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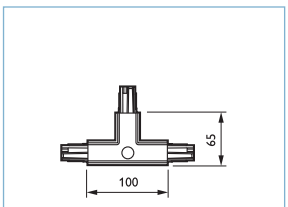
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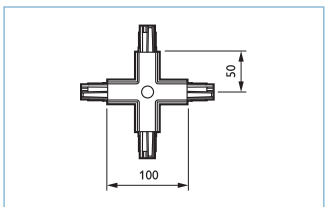
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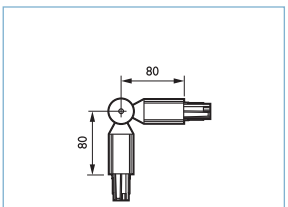
11



12



13



14

Technical Specification

Type[1]	Accessory color[2]	Photo letter	mm	Material Nr. (12NC)
RBS750	ALU	A	1	91093000**9018**
RBS750	ALU	A	1	91093000**9218**
RBS750	WH	B	1	91093000**9118**
RBS750	WH	B	1	91093000**9318**
RCS750	ALU	C	2	91050018**8415**
RCS750	ALU	C	2	91050018**8515**
RCS750	ALU	C	2	91050018**8615**
RCS750	ALU	C	2	91050018**8715**
RCS750	BK	D	2	91093001**3418**
RCS750	BK	D	2	91093001**3518**
RCS750	BK	D	2	91093001**3218**
RCS750	BK	D	2	91093001**3318**
RCS750	WH	E	2	91050018**8815**
RCS750	WH	E	2	91050018**8915**
RCS750	WH	E	2	91050018**9015**
RCS750	WH	E	2	91050018**9115**
ZCS750		F		91477001**8015**
ZCS750	BK	G		91050391**0042**
ZRS700		H	3	91093000**9918**
ZRS700	ALU	I	3	91477001**2015**
ZRS700	ALU	J	3	91477001**1815**
ZRS700	ALU	K	3	91477001**1915**
ZRS700	ALU	L	3	91093000**9618**
ZRS700	WH	L	3	91093000**9718**
ZRS700	WH	M	3	91093000**9818**
ZRS750	BK	N	4	91050258**8418**
ZRS750	BK	O	5	91050258**8518**
ZRS750	BK	P	6	91050258**8618**
ZRS750	BK	Q	7	91050258**8718**
ZRS750	BK	R	7	91050259**1118**
ZRS750	BK	S	8	91093001**3618**
ZRS750	BK	T	9	91050258**8818**
ZRS750	BK	U	10	91050258**8918**
ZRS750	BK	V	11	91050259**0018**
ZRS750	WH	N	4	91050018**7315**
ZRS750	WH	Q	7	91050018**7415**

More data see next page

Type[1]	Accessory color[2]	Photo letter	mm	Material Nr. (12NC)
ZRS750	WH	S	8	9105001**87515**
ZRS750	WH	R	7	9105001**87615**
ZRS750	WH	U	10	9105001**87815**
ZRS750	WH	T	9	9105001**87915**
ZRS750	WH	V	11	9105001**88015**
ZRS750	WH	W	12	9105001**88115**
ZRS750	WH	X	13	9105001**88215**
ZRS750	WH	Y	14	9105001**88315**
ZRS750	WH	Z		9109300**09518**
ZRS750	WH	P	6	9105001**87715**
ZRS750	WH	AA		9109300**00818**

[1] 'Type' value description(s): '**ZCS750**' = RAIL 3C-2

[2] 'Accessory color' value description(s): '**ALU**' = Aluminum, '**BK**' = Black, '**WH**' = White

Accessory Specification

Type	Accessory color	Circuit[3]	Electrical accessories[4]	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC)
ZRS750	Black	3C		CT / 10	9105039**10246**
ZRS750	White	3C	AD3P	CT / 100	9109300**23018**

[3] 'Circuit' value description(s): '**3C**' = 3-circuit track

[4] 'Electrical accessories' value description(s): '**AD3P**' = Adapter 3-circuit plug for tracks

Electrical data

Type	Input Voltage (V)
RBS750	
RCS750	
ZCS750	
ZRS700	
ZRS750	
ZRS750	250

Protection & classification standards

Type	Protection class IEC[5]	IP Classification[6]	Glow-wire test[7] (°C/s)
RBS750	I	IP30	850/5
RCS750	I	IP30	850/5
ZCS750			
ZRS700			
ZRS750			

[5] 'Protection class IEC' value description(s): '**I**' = Safety class I

[6] 'IP Classification' value description(s): '**IP30**' = Tool-protected

[7] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



DALI Square Track – flexibility enabling energy savings

Designed for use with DALI projectors with a dedicated adaptor, the DALI Square Track is ideal for users who want lighting flexibility to create a specific ambience in their shop and to reduce energy consumption. The system is made up of a solid aluminum track, which is available in various lengths and with a choice of electrical conductors. Any given configuration can be easily created – horizontal or vertical, mounted on or in the ceiling, on the wall or on free-standing panels. The system can also be used as a floating structure. All luminaires have a separate power supply and can be switched selectively. They can easily be moved to alter the lighting and presentation. In this way, a multifunctional track system can be created for accent lighting as well as for suspending advertising and decorative material.

Product Range



Detailed Photos

Cross section of track, recessed version



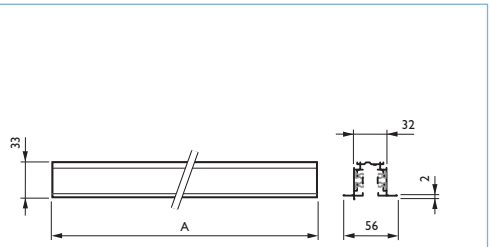
A

Cross section of track, surface mounted/ suspended version

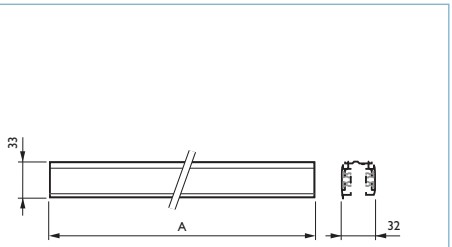


B

Dimension Drawing



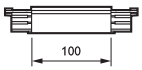
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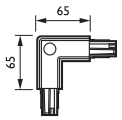
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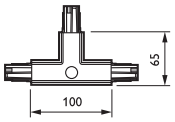
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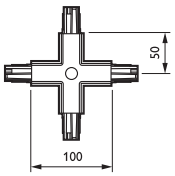
4



5



6



7

Technical Specification

Type	Accessory color[1]	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
RBS750	ALU	A	A	1	025**00053**
RBS750	ALU	A	A	1	025**00056**
RBS750	ALU	A	A	1	025**00059**
RBS750	ALU	A	A	1	025**00062**
RBS750	BK	B	A	1	025**00054**
RBS750	BK	B	A	1	025**00057**
RBS750	BK	B	A	1	025**00060**
RBS750	BK	B	A	1	025**00063**
RBS750	WH	C	A	1	025**00055**
RBS750	WH	C	A	1	025**00058**
RBS750	WH	C	A	1	025**00061**
RBS750	WH	C	A	1	025**00064**
RCS750	ALU	D	B	2	025**00041**
RCS750	ALU	D	B	2	025**00044**
RCS750	ALU	D	B	2	025**00047**
RCS750	ALU	D	B	2	025**00050**
RCS750	BK	E	B	2	025**00042**
RCS750	BK	E	B	2	025**00045**
RCS750	BK	E	B	2	025**00048**
RCS750	BK	E	B	2	025**00051**
RCS750	WH	F	B	2	025**00043**
RCS750	WH	F	B	2	025**00046**
RCS750	WH	F	B	2	025**00049**
RCS750	WH	F	B	2	025**00052**
ZCS750	BK	G		3	025**00066**
ZCS750	BK	G		3	025**00069**
ZCS750	BK	H		4	025**00072**

More data see next page

Type	Accessory color[1]	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
ZCS750	BK	I			025**00075**
ZCS750	BK	J		5	025**00078**
ZCS750	BK	J		5	025**00081**
ZCS750	BK	K		6	025**00084**
ZCS750	BK	K		6	025**00087**
ZCS750	BK	K		6	025**00090**
ZCS750	BK	K		6	025**00093**
ZCS750	BK	L		7	025**00096**
ZCS750	GR	M		3	025**00065**
ZCS750	GR	M		3	025**00068**
ZCS750	GR	N		4	025**00071**
ZCS750	GR	O			025**00074**
ZCS750	GR	P		5	025**00077**
ZCS750	GR	P		5	025**00080**
ZCS750	GR	Q		6	025**00083**
ZCS750	GR	Q		6	025**00086**
ZCS750	GR	Q		6	025**00089**
ZCS750	GR	Q		6	025**00092**
ZCS750	GR	R		7	025**00095**
ZCS750	WH	S		3	025**00067**
ZCS750	WH	S		3	025**00070**
ZCS750	WH	T		4	025**00073**
ZCS750	WH	U			025**00076**
ZCS750	WH	V		5	025**00079**
ZCS750	WH	V		5	025**00082**
ZCS750	WH	W		6	025**00085**
ZCS750	WH	W		6	025**00088**
ZCS750	WH	W		6	025**00091**
ZCS750	WH	W		6	025**00094**
ZCS750	WH	X		7	025**00097**

[1] 'Accessory color' value description(s): '**ALU**' = Aluminum, '**BK**' = Black, '**GR**' = Gray, '**WH**' = White

Protection & classification standards

Type	Protection class IEC[2]	IP Classification[3]	Glow-wire test[4] (°C/s)
RBS750	I	IP30	850/5
RCS750	I	IP30	850/5
ZCS750			

[2] 'Protection class IEC' value description(s): '**I**' = Safety class I

[3] 'IP Classification' value description(s): '**IP30**' = Tool-protected

[4] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s





Luminous textile panels - packaged system 272



Luminous textile: packaged system – bring spaces alive

Many business customers are looking for a lighting solution that will enable them to express emotion, make a design statement, and bring spaces alive. Luminous textile with Kvadrat Soft Cells seamlessly integrates multi-colored LEDs into beautiful fabric panels that also soften sound. It is a concept that gives you endless ways to play with color, movement, texture and light.

Product Range

Detailed Photos

Driver box mounted on rear of panel



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9120...)
LP700W	1/RD-GN-BL	PSU	AC13	ALU	660	9.00	000**00420**

[1] 'Type' value description(s): '**LP700W**' = LUMINOUS TEXTILE PANEL

[2] 'Lamp' value description(s): '**RD-GN-BL**' = Red, green and blue

[3] 'Driver/power unit/transformer' value description(s): '**PSU**' = Power supply unit

[4] 'Connection' value description(s): '**AC13**' = AC power connector C13

[5] 'Accessory color' value description(s): '**ALU**' = Aluminum

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Initial input power (W)	Median useful life L70B50 (h)
LP700W	50-60	100 to 240	+/-10%	660	60 000

Light technical data

Type	Light source color[6]	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)
LP700W	RD-GN-BL	9.00	6 000

[6] 'Light source color' value description(s): 'RD-GN-BL' = Red, green and blue

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	UL mark
LP700W	I	IP00	IK00	CE	UL

[7] 'Protection class IEC' value description(s): 'I' = Safety class I

[8] 'IP Classification' value description(s): 'IP00' = No protection

[9] 'Mech. impact protection code' value description(s): 'IK00' = No protection





High-bay



GentleSpace gen2 276



GentleSpace GreenWarehouse 283



CoreLine Highbay 286



Gentlespace Gen3 289



GentleSpace gen2 – the new standard in industrial high-bay lighting, combining functionality with design

With the introduction of the GentleSpace LED luminaire in 2011, Philips achieved a breakthrough in high-bay lighting, offering a huge reduction in power consumption, a long service life and an innovative design. Now, with GentleSpace gen2, Philips continues to improve even further: an improved total cost of ownership, even in extreme conditions with the the GS-2 Xtreme version, which can be used up to +60 °C or 100,000 hrs of lifetime (L80), both ensured by an integrated over-heat protection. In addition, a wide variety of options – e. g. optics, coatings, mounting possibilities, cover materials and suitable for explosive zones 2/22 – are available to ensure an ideal solution for your application. Additionally, the GentleSpace gen2 can be equipped for use in a central emergency grid (PSED).

Product Range


A


B


C


D


E


F


G

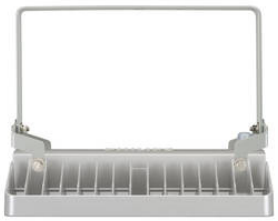

H

Detailed Photos

Side view


A

Side view GentleSpace gen2 BY470P with mounting bracket


B

Close-up LED/optics

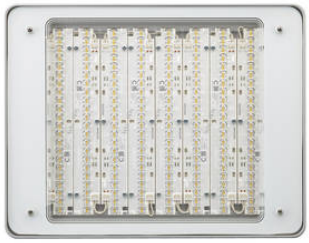

C

Top view



D

Bottom view


E

GentleSpace gen2, wall-mounted, top view


F

GentleSpace gen2, wall-mounted, side view


G

Wheel offers flexibility in tilting


H

GentleSpace_gen2-BY471Z_MBW-DP07



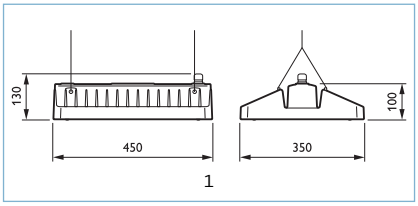
I

Wall mounting bracket

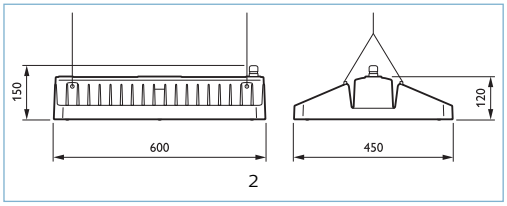


J

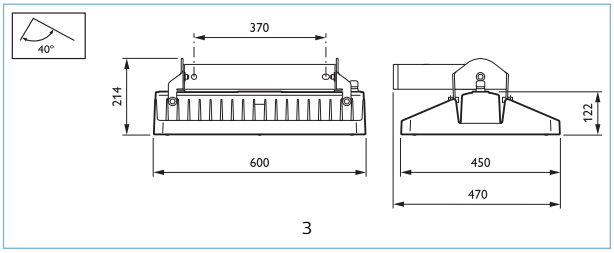
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9109...)
BY470P	8 GRN130S/840	PSD	HRO	AC	CE	SI	87	149	A	A-E	1	302**06041**
BY470P	8 GRN130S/840	PSD	HRO	GC	CE	SI	87	149	A	A-E	1	302**05942**
BY470P	8 GRN130S/840	PSD	HRO	GC	CE	SI	87	149	A	A-E	1	302**06022**
BY470P	8 GRN130S/840	PSD	HRO	GC	CE	WH	87	149	B	A-E	1	302**06025**
BY470P	8 GRN130S/840	PSD	HRO	GC	CE	WH	87	149	B	A-E	1	302**06024**
BY470P	8 GRN130S/840	PSD	HRO	PC	CE	SI	87	149	A	A-E	1	302**06023**
BY470P	8 GRN130S/840	PSD	HRO	PC	CE	SI	87	149	A	A-E	1	302**06029**
BY470P	8 GRN130S/840	PSD	MB	AC	CE	SI	87	149	A	A-E	1	302**05980**
BY470P	8 GRN130S/840	PSD	MB	AC	CE	SI	87	149	A	A-E	1	302**06039**
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BY470P	8 GRN130S/840	PSD	WB	AC	CE	SI	87	149	A	A-E	1	302**05979**
BY470P	8 GRN130S/840	PSD	WB	AC	CE	SI	87	149	A	A-E	1	302**06038**
BY470P	8 GRN130S/840	PSD	WB	GC	CE	SI	87	149	A	A-E	1	302**05939**
BY470P	8 GRN130S/840	PSD	WB	GC	CE	SI	87	149	A	A-E	1	302**05943**
BY470P	8 GRN130S/840	PSD	WB	GC	CE	SI	87	149	A	A-E	1	302**05946**
BY470P	8 GRN130S/840	PSD	WB	GC	CE	WH	87	149	B	A-E	1	302**05987**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
BY470P	8 GRN130S/840	PSD	WB	GC	CE	WH	87	149	B	A-E	1	302**05990**
BY470P	8 GRN130S/840	PSD	WB	GC	CE	WH	87	149	B	A-E	1	302**06010**
BY470P	8 GRN130S/840	PSD	WB	PC	CE	SI	87	149	A	A-E	1	302**05968**
BY470P	8 GRN130S/840	PSD	WB	PC	CE	SI	87	149	A	A-E	1	302**06026**
BY470P	8 GRN130S/840	PSD-CLO	MB	GC	CE	SI	87	149	A	A-E	1	302**06017**
BY470P	8 GRN130S/840	PSD-CLO	WB	GC	CE	SI	87	149	A	A-E	1	302**06016**
BY470P	8 GRN130S/840	PSD-CLO	WB	GC	CE	SI	87	149	A	A-E	1	302**06056**
BY470P	8 GRN130S/840	PSED	HRO	GC	CE	SI	87	149	A	A-E	1	302**06094**
BY470P	8 GRN130S/840	PSED	HRO	GC	CE	WH	87	149	B	A-E	1	302**06110**
BY470P	8 GRN130S/840	PSED	HRO	PC	CE	SI	87	149	A	A-E	1	302**06113**
BY470P	8 GRN130S/840	PSED	MB	GC	CE	SI	87	149	A	A-E	1	302**06093**
BY470P	8 GRN130S/840	PSED	MB	GC	CE	WH	87	149	B	A-E	1	302**06103**
BY470P	8 GRN130S/840	PSED	MB	PC	CE	SI	87	149	A	A-E	1	302**06112**
BY470P	8 GRN130S/840	PSED	WB	GC	CE	SI	87	149	A	A-E	1	302**06092**
BY470P	8 GRN130S/840	PSED	WB	GC	CE	WH	87	149	B	A-E	1	302**06102**
BY470P	8 GRN130S/840	PSED	WB	PC	CE	SI	87	149	A	A-E	1	302**06111**
BY470P	12 ECO170/840	PSD	MB	GC	CE	SI	120	142	A		1	258**63380**
BY470P	12 ECO170/840	PSD	WB	GC	CE	SI	120	142	A		1	258**63383**
BY470P	12 GRN170S/840	PSED	HRO	GC	CE	SI	110	155	A	A-E	2	302**06097**
BY470P	12 GRN170S/840	PSED	HRO	GC	CE	WH	110	155	B	A-E	2	302**06106**
BY470P	12 GRN170S/840	PSED	HRO	PC	CE	SI	110	155	A	A-E	2	302**06116**
BY470P	12 GRN170S/840	PSED	MB	GC	CE	SI	110	155	A	A-E	2	302**06096**
BY470P	12 GRN170S/840	PSED	MB	GC	CE	WH	110	155	B	A-E	2	302**06105**
BY470P	12 GRN170S/840	PSED	MB	PC	CE	SI	110	155	A	A-E	2	302**06115**
BY470P	12 GRN170S/840	PSED	WB	GC	CE	SI	110	155	A	A-E	2	302**06095**
BY470P	12 GRN170S/840	PSED	WB	GC	CE	WH	110	155	B	A-E	2	302**06104**
BY470P	12 GRN170S/840	PSED	WB	PC	CE	SI	110	155	A	A-E	2	302**06114**
BY470P	16 GRN250S/840	PSED	HRO	GC	CE	WH	164	152	B	A-E	2	302**06109**
BY470P	16 GRN250S/840	PSED	HRO	PC	CE	SI	164	152	A	A-E	2	302**06119**
BY470P	16 GRN250S/840	PSED	MB	GC	CE	SI	164	152	A	A-E	2	302**06099**
BY470P	16 GRN250S/840	PSED	MB	GC	CE	WH	164	152	B	A-E	2	302**06108**
BY470P	16 GRN250S/840	PSED	MB	PC	CE	SI	164	152	A	A-E	2	302**06118**
BY470P	16 GRN250S/840	PSED	WB	GC	CE	SI	164	152	A	A-E	2	302**06098**
BY470P	16 GRN250S/840	PSED	WB	GC	CE	WH	164	152	B	A-E	2	302**06107**
BY470P	16 GRN250S/840	PSED	WB	PC	CE	SI	164	152	A	A-E	2	302**06117**
BY470P	16 LED250S/840	PSED	HRO	GC	CE	SI	164	152	B	A-E	1	302**06101**
BY471P	12 GRN170S/840	PSD	A50	G	CE	SI	110	155	C	F-I	3	258**63182**
BY471P	12 GRN170S/840	PSD	A50	G	CE	SI	110	155	C	F-I	3	258**63180**
BY471P	12 GRN170S/840	PSD	A50	G	CE	WH	110	155	D	J	3	258**63186**
BY471P	12 GRN170S/840	PSD	A50	G	CE	WH	110	155	D	J	3	258**63184**
BY471P	12 GRN170S/840	PSD	A50	PC	CE	SI	110	155	C	F-I	3	258**63188**
BY471P	12 GRN170S/840	PSD	A50	PC	CE	WH	110	155	D	J	3	258**63190**
BY471P	12 GRN170S/840	PSD	HRO	AC	CE	SI	110	155	E	A, C-E	2	302**06045**
BY471P	12 GRN170S/840	PSD	HRO	GC	CE	SI	110	155	E	A, C-E	2	302**05951**
BY471P	12 GRN170S/840	PSD	HRO	GC	CE	SI	110	155	E	A, C-E	2	302**05955**
BY471P	12 GRN170S/840	PSD	HRO	GC	CE	WH	110	155	F	A, C-E	2	302**05996**
BY471P	12 GRN170S/840	PSD	HRO	GC	CE	WH	110	155	F	A, C-E	2	302**06001**
BY471P	12 GRN170S/840	PSD	HRO	PC	CE	SI	110	155	E	A, C-E	2	302**05974**
BY471P	12 GRN170S/840	PSD	HRO	PC	CE	SI	110	155	E	A, C-E	2	302**06033**
BY471P	12 GRN170S/840	PSD	MB	AC	CE	SI	110	155	E	A, C-E	2	302**05982**
BY471P	12 GRN170S/840	PSD	MB	AC	CE	SI	110	155	E	A, C-E	2	302**06043**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	SI	110	155	E	A, C-E	2	302**05949**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	SI	110	155	E	A, C-E	2	302**05953**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	SI	110	155	E	A, C-E	2	302**05957**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	WH	110	155	F	A, C-E	2	302**05994**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	WH	110	155	F	A, C-E	2	302**05998**
BY471P	12 GRN170S/840	PSD	MB	GC	CE	WH	110	155	F	A, C-E	2	302**06013**
BY471P	12 GRN170S/840	PSD	MB	PC	CE	SI	110	155	E	A, C-E	2	302**05972**
BY471P	12 GRN170S/840	PSD	MB	PC	CE	SI	110	155	E	A, C-E	2	302**06031**
BY471P	12 GRN170S/840	PSD	NB	AC	CE	SI	110	155	E	A, C-E	2	302**06044**
BY471P	12 GRN170S/840	PSD	NB	GC	CE	SI	110	155	E	A, C-E	2	302**05950**
BY471P	12 GRN170S/840	PSD	NB	GC	CE	SI	110	155	E	A, C-E	2	302**05954**
BY471P	12 GRN170S/840	PSD	NB	GC	CE	SI	110	155	E	A, C-E	2	302**06051**
BY471P	12 GRN170S/840	PSD	NB	GC	CE	WH	110	155	F	A, C-E	2	302**05995**
BY471P	12 GRN170S/840	PSD	NB	GC	CE	WH	110	155	F	A, C-E	2	302**05999**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9109...)
BY471P	12 GRN170S/840	PSD	NB	GC	CE	WH	110	155	F	A, C-E	2	30206054
BY471P	12 GRN170S/840	PSD	NB	PC	CE	SI	110	155	E	A, C-E	2	30205973
BY471P	12 GRN170S/840	PSD	NB	PC	CE	SI	110	155	E	A, C-E	2	30206032
BY471P	12 GRN170S/840	PSD	WB	AC	CE	SI	110	155	E	A, C-E	2	30205981
BY471P	12 GRN170S/840	PSD	WB	AC	CE	SI	110	155	E	A, C-E	2	30206042
BY471P	12 GRN170S/840	PSD	WB	GC	CE	SI	110	155	E	A, C-E	2	30205948
BY471P	12 GRN170S/840	PSD	WB	GC	CE	SI	110	155	E	A, C-E	2	30205952
BY471P	12 GRN170S/840	PSD	WB	GC	CE	SI	110	155	E	A, C-E	2	30205956
BY471P	12 GRN170S/840	PSD	WB	GC	CE	WH	110	155	F	A, C-E	2	30205993
BY471P	12 GRN170S/840	PSD	WB	GC	CE	WH	110	155	F	A, C-E	2	30205997
BY471P	12 GRN170S/840	PSD	WB	GC	CE	WH	110	155	F	A, C-E	2	30206012
BY471P	12 GRN170S/840	PSD	WB	PC	CE	SI	110	155	E	A, C-E	2	30205971
BY471P	12 GRN170S/840	PSD	WB	PC	CE	SI	110	155	E	A, C-E	2	30206030
BY471P	12 GRN170S/840	PSD-CLO	MB	GC	CE	SI	110	155	E	A, C-E	2	30206019
BY471P	12 GRN170S/840	PSD-CLO	WB	GC	CE	SI	110	155	E	A, C-E	2	30206018
BY471P	12 GRN170S/840	PSD-CLO	WB	GC	CE	SI	110	155	E	A, C-E	2	30206058
BY471P	12 PRO170S/840	PSD	MB	GC	CE	SI	128	123	E		2	25863418
BY471P	12 PRO170S/840	PSD	NB	GC	CE	SI	128	123	E		2	25863419
BY471P	12 PRO170S/840	PSD	WB	GC	CE	SI	128	123	E		2	25863417
BY471P	12 PRO170S/840	PSD	XNB	GC	CE	SI	128	123	E		2	25863420
BY471P	16 ECO250/840	PSD	MB	GC	CE	SI	177	144	G		2	25863381
BY471P	16 ECO250/840	PSD	WB	GC	CE	SI	177	144	G		2	25863384
BY471P	16 ECO320/840	PSD	MB	GC	CE	SI	218	147	G		2	25863382
BY471P	16 ECO320/840	PSD	WB	GC	CE	SI	218	147	G		2	25863385
BY471P	16 GRN250S/840	PSD	A50	G	CE	SI	164	152	C	F-I	3	25863183
BY471P	16 GRN250S/840	PSD	A50	G	CE	SI	164	152	C	F-I	3	25863181
BY471P	16 GRN250S/840	PSD	A50	G	CE	WH	164	152	D	J	3	25863187
BY471P	16 GRN250S/840	PSD	A50	G	CE	WH	164	152	D	J	3	25863185
BY471P	16 GRN250S/840	PSD	A50	PC	CE	SI	164	152	C	F-I	3	25863189
BY471P	16 GRN250S/840	PSD	A50	PC	CE	WH	164	152	D	J	3	25863191
BY471P	16 GRN250S/840	PSD	HRO	AC	CE	SI	164	152	G	A, C-E	2	30205986
BY471P	16 GRN250S/840	PSD	HRO	AC	CE	SI	164	152	G	A, C-E	2	30206049
BY471P	16 GRN250S/840	PSD	HRO	GC	CE	SI	164	152	G	A, C-E	2	30205961
BY471P	16 GRN250S/840	PSD	HRO	GC	CE	SI	164	152	G	A, C-E	2	30205965
BY471P	16 GRN250S/840	PSD	HRO	GC	CE	WH	164	152	H	A, C-E	2	30206005
BY471P	16 GRN250S/840	PSD	HRO	GC	CE	WH	164	152	H	A, C-E	2	30206009
BY471P	16 GRN250S/840	PSD	HRO	PC	CE	SI	164	152	G	A, C-E	2	30205978
BY471P	16 GRN250S/840	PSD	HRO	PC	CE	SI	164	152	G	A, C-E	2	30206037
BY471P	16 GRN250S/840	PSD	MB	AC	CE	SI	164	152	G	A, C-E	2	30205984
BY471P	16 GRN250S/840	PSD	MB	AC	CE	SI	164	152	G	A, C-E	2	30206047
BY471P	16 GRN250S/840	PSD	MB	GC	CE	SI	164	152	G	A, C-E	2	30205959
BY471P	16 GRN250S/840	PSD	MB	GC	CE	SI	164	152	G	A, C-E	2	30205963
BY471P	16 GRN250S/840	PSD	MB	GC	CE	SI	164	152	G	A, C-E	2	30205967
BY471P	16 GRN250S/840	PSD	MB	GC	CE	WH	164	152	H	A, C-E	2	30206003
BY471P	16 GRN250S/840	PSD	MB	GC	CE	WH	164	152	H	A, C-E	2	30206007
BY471P	16 GRN250S/840	PSD	MB	GC	CE	WH	164	152	H	A, C-E	2	30206015
BY471P	16 GRN250S/840	PSD	MB	PC	CE	SI	164	152	G	A, C-E	2	30205976
BY471P	16 GRN250S/840	PSD	MB	PC	CE	SI	164	152	G	A, C-E	2	30206035
BY471P	16 GRN250S/840	PSD	NB	AC	CE	SI	164	152	G	A, C-E	2	30205985
BY471P	16 GRN250S/840	PSD	NB	AC	CE	SI	164	152	G	A, C-E	2	30206048
BY471P	16 GRN250S/840	PSD	NB	GC	CE	SI	164	152	G	A, C-E	2	30205960
BY471P	16 GRN250S/840	PSD	NB	GC	CE	SI	164	152	G	A, C-E	2	30205964
BY471P	16 GRN250S/840	PSD	NB	GC	CE	SI	164	152	G	A, C-E	2	30206052
BY471P	16 GRN250S/840	PSD	NB	GC	CE	WH	164	152	H	A, C-E	2	30206004
BY471P	16 GRN250S/840	PSD	NB	GC	CE	WH	164	152	H	A, C-E	2	30206008
BY471P	16 GRN250S/840	PSD	NB	GC	CE	WH	164	152	H	A, C-E	2	30206055
BY471P	16 GRN250S/840	PSD	NB	PC	CE	SI	164	152	G	A, C-E	2	30205977
BY471P	16 GRN250S/840	PSD	NB	PC	CE	SI	164	152	G	A, C-E	2	30206036
BY471P	16 GRN250S/840	PSD	WB	AC	CE	SI	164	152	G	A, C-E	2	30205983
BY471P	16 GRN250S/840	PSD	WB	AC	CE	SI	164	152	G	A, C-E	2	30206046
BY471P	16 GRN250S/840	PSD	WB	GC	CE	SI	164	152	G	A, C-E	2	30205958
BY471P	16 GRN250S/840	PSD	WB	GC	CE	SI	164	152	G	A, C-E	2	30205962
BY471P	16 GRN250S/840	PSD	WB	GC	CE	SI	164	152	G	A, C-E	2	30205966
BY471P	16 GRN250S/840	PSD	WB	GC	CE	WH	164	152	H	A, C-E	2	30206002
BY471P	16 GRN250S/840	PSD	WB	GC	CE	WH	164	152	H	A, C-E	2	30206006

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9109...)
BY471P	16 GRN250S/840	PSD	WB	GC	CE	WH	164	152	H	A, C-E	2	30206014
BY471P	16 GRN250S/840	PSD	WB	PC	CE	SI	164	152	G	A, C-E	2	30205975
BY471P	16 GRN250S/840	PSD	WB	PC	CE	SI	164	152	G	A, C-E	2	30206034
BY471P	16 GRN250S/840	PSD-CLO	MB	GC	CE	SI	164	152	G	A, C-E	2	30206021
BY471P	16 GRN250S/840	PSD-CLO	WB	GC	CE	SI	164	152	G	A, C-E	2	30206020
BY471P	16 GRN250S/840	PSD-CLO	WB	GC	CE	SI	164	152	G	A, C-E	2	30206060
BY471P	16 PRO250S/840	PSD	MB	GC	CE	SI	191	123	G		2	25863422
BY471P	16 PRO250S/840	PSD	NB	GC	CE	SI	191	123	G		2	25863423
BY471P	16 PRO250S/840	PSD	WB	GC	CE	SI	191	123	G		2	25863421
BY471P	16 PRO250S/840	PSD	XNB	GC	CE	SI	191	123	G		2	25863424
BY472P	8 GRN130S/840	PSD	MB	G	CE	SI	87	149	A		1	25863434
BY472P	8 GRN130S/840	PSD	WB	G	CE	SI	87	149	A		1	25863435
BY473P	12 GRN170S/840	PSD	MB	G	CE	SI	110	155	A		2	25863436
BY473P	12 GRN170S/840	PSD	WB	G	CE	SI	110	155	A		2	25863437
BY473P	12 GRN170S/840	PSD	WB	G	CE	SI	110	155	E		2	25863438
BY473P	16 GRN250S/840	PSD	MB	G	CE	SI	164	152	G		2	25863441
BY473P	16 GRN250S/840	PSD	WB	G	CE	SI	164	152	G		2	25863442
BY473P	16 GRN250S/840	PSD	WB	G	CE	SI	164	152	H		2	25863443

[1] 'Type' value description(s): 'BY470P' = GentleSpace 2, 'BY471P' = GentleSpace 2, 'BY472P' = GentleSpace 2, 'BY473P' = GentleSpace 2

[2] 'Lamp' value description(s): 'ECO170' = LED EconomyLine 17 000 lm, 'ECO250' = LED EconomyLine 25 000 lm, 'ECO320' = LED EconomyLine 32 000 lm, 'GRN130S' = LED GreenLine system flux 13 000 lm, 'GRN170S' = LED GreenLine system flux 17 000 lm, 'GRN250S' = LED GreenLine system flux 25 000 lm, 'LED250S' = LED module, system flux 25 000 lm, 'PRO170S' = LED ProfessionalLine, system flux 17 000 lm, 'PRO250S' = LED ProfessionalLine, system flux 25 000 lm, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSED' = Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated)

[4] 'Optic type' value description(s): 'A50' = Asymmetrical mirror axis angle 50°, 'HRO' = High-rack optic, 'MB' = Medium beam, 'NB' = Narrow beam, 'WB' = Wide beam, 'XNB' = Extra narrow beam

[5] 'Optical cover/lens type' value description(s): 'AC' = Acrylic bowl/cover, 'G' = Glass, 'GC' = Clear glass, 'PC' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): 'CE' = External connector

[7] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

Accessory Range


A

Mounting bracket


B

Mounting bracket


C

Mounting bracket


D

Mounting bracket


E

Accessory Specification

Type[8]	Accessory color[9]	Material[10]	Product Length (mm)	Electrical accessories[11]	Suspension accessories[12]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
BY470Z				IPT		A	UNP / 1	25259590
BY470Z	SI	STL	450		MBA	B	UNP / 1	25255114
BY470Z	STL	STL			SMT		UNP / 1	25255113
BY470Z	STL	STL			SMT		UNP / 1	25259591
BY470Z	WH	STL	450		MBA	C	UNP / 1	25255156
BY471Z	SI	STL	540		MBA	D	UNP / 1	25255115
BY471Z	WH	STL	540		MBA	E	UNP / 1	25255157

[8] 'Type' value description(s): 'BY470Z' = GentleSpace 2 acc, 'BY471Z' = GentleSpace 2 acc

[9] 'Accessory color' value description(s): 'SI' = Silver, 'STL' = Steel, 'WH' = White

[10] 'Material' value description(s): 'STL' = Steel

[11] 'Electrical accessories' value description(s): 'IPT' = Infrared programming transmitter

[12] 'Suspension accessories' value description(s): 'MBA' = Mounting bracket adjustable, 'SMT' = Suspension set twin, triangle

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BY470P	50-60	220-240	+/-11%	0.9	2.3	4.8	87	0.5	70 000	50 000	25 000
BY470P	50-60	220-240	+/-11%	0.9	2.3	4.8	110	0.5	70 000	50 000	25 000
BY470P	50-60	220-240	+/-11%	0.9	2.3	4.8	120	0.5	60 000	40 000	20 000
BY470P	50-60	220-240	+/-11%	0.9	2.3	9.6	164	0.5	70 000	50 000	25 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	4.8	110	0.5	70 000	50 000	25 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	4.8	128	0.5	70 000	50 000	25 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	9.6	164	0.5	70 000	50 000	25 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	9.6	177	0.5	60 000	40 000	20 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	9.6	191	0.5	70 000	50 000	25 000
BY471P	50-60	220-240	+/-11%	0.9	2.3	9.6	218	0.5	60 000	40 000	20 000
BY472P	50-60	220-240	+/-11%	0.9	2.3	4.8	87	0.5	70 000	50 000	25 000
BY473P	50-60	220-240	+/-11%	0.9	2.3	4.8	110	0.5	70 000	50 000	25 000
BY473P	50-60	220-240	+/-11%	0.9	2.3	9.6	164	0.5	70 000	50 000	25 000

Light technical data

Type	Lamp family code[13]	Light source color[14]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY470P	ECO170	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	142	17 000	+/-7%
BY470P	ECO170	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	142	17 000	+/-7%
BY470P	GRN130S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY470P	GRN130S	840	4000	≥80	30x25	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY470P	GRN130S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY470P	GRN130S	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY470P	GRN170S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY470P	GRN170S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY470P	GRN170S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY470P	GRN250S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY470P	GRN250S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY470P	GRN250S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY470P	LED250S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	ECO250	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	144	25 000	+/-7%
BY471P	ECO250	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	144	25 000	+/-7%
BY471P	ECO320	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	147	32 000	+/-7%
BY471P	ECO320	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	147	32 000	+/-7%
BY471P	GRN170S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY471P	GRN170S	840	4000	≥80	26x31	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY471P	GRN170S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY471P	GRN170S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY471P	GRN170S	840	4000	≥80	56x33	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY471P	GRN250S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	GRN250S	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	GRN250S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	GRN250S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	GRN250S	840	4000	≥80	56x33	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471P	PRO170S	840	4000	≥80	16	(0.38, 0.38) SDCM <3	123	17 000	+/-7%
BY471P	PRO170S	840	4000	≥80	26x31	(0.38, 0.38) SDCM <3	123	17 000	+/-7%
BY471P	PRO170S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	123	17 000	+/-7%
BY471P	PRO170S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	123	17 000	+/-7%
BY471P	PRO250S	840	4000	≥80	16	(0.38, 0.38) SDCM <3	123	25 000	+/-7%
BY471P	PRO250S	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	123	25 000	+/-7%

More data see next page

Type	Lamp family code[13]	Light source color[14]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY471P	PRO250S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	123	25 000	+/-7%
BY471P	PRO250S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	123	25 000	+/-7%
BY472P	GRN130S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY472P	GRN130S	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	149	13 000	+/-7%
BY473P	GRN170S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY473P	GRN170S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	155	17 000	+/-7%
BY473P	GRN250S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY473P	GRN250S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	152	25 000	+/-7%

[13] 'Lamp family code' value description(s): 'ECO170' = LED EconomyLine 17 000 lm, 'ECO250' = LED EconomyLine 25 000 lm, 'ECO320' = LED EconomyLine 32 000 lm, 'GRN130S' = LED GreenLine system flux 13 000 lm, 'GRN170S' = LED GreenLine system flux 17 000 lm, 'GRN250S' = LED GreenLine system flux 25 000 lm, 'LED250S' = LED module, system flux 25 000 lm, 'PRO170S' = LED ProfessionalLine, system flux 17 000 lm, 'PRO250S' = LED ProfessionalLine, system flux 25 000 lm

[14] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[15]	IP Classification[16]	Mech. impact protection code[17]	CE mark	ENEC mark	Flammability mark[18]	Glow-wire test[19] (°C/s)	RoHS mark
BY470P	I	IP65	IK07	CE	ENEC	D	650/5	ROHS
BY470P	I	IP65	IK07	CE	ENEC	D	850/5	ROHS
BY471P	I	IP65	IK07	CE	ENEC	D	650/5	ROHS
BY471P	I	IP65	IK07	CE	ENEC	D	850/5	ROHS
BY472P	I	IP65	IK07	CE		D	650/5	ROHS
BY473P	I	IP65	IK07	CE		D	650/5	ROHS

[15] 'Protection class IEC' value description(s): 'I' = Safety class I

[16] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[17] 'Mech. impact protection code' value description(s): 'IK07' = 2 J reinforced

[18] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[19] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s, '850/5' = Temperature 850 °C, duration 5 s



GreenWarehouse – wireless lighting system, giving you control of energy savings

This dedicated system makes it easy for warehouse developers and facility managers to achieve maximum energy savings. It seamlessly integrates state-of-the-art LED lighting with an easy-to-use and reliable networked control solution. When the situation on the work floor changes, settings such as dimming levels and timing can be changed wirelessly by the end-users themselves. Luminaires can be combined in groups across the layout, and re-zoning them does not require a hardware change, thus minimizing commissioning costs. The system delivers savings over and above the actual efficiency of the LEDs and is future-proof. Easy to understand, easy to design-in, and easy to use, the GreenWarehouse is simplicity itself.

Product Range


A


B


C


D


E


F


G

Detailed Photos

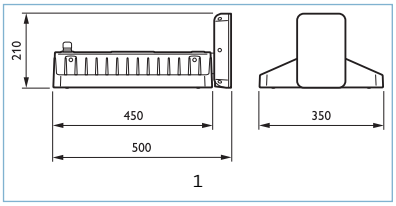
Sensor housing with integrated wireless control


A

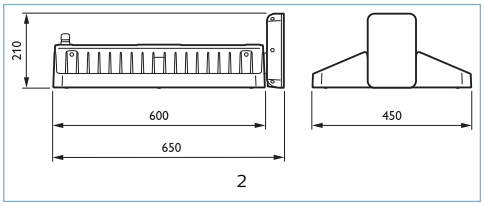
Side view


B

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Em-bedded control[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
BY470X	8 GRN130S/840	PSD	HRO	GC	CE	SI	ACW	88	148	A	A, B	1	302**05893**
BY470X	8 GRN130S/840	PSD	HRO	GC	CE	WH	ACW	88	148	B	A, B	1	302**05918**
BY470X	8 GRN130S/840	PSD	HRO	PC	CE	SI	ACW	88	148	A	A, B	1	302**05906**
BY470X	8 GRN130S/840	PSD	HRO	PC	CE	WH	ACW	88	148	B	A, B	1	302**05930**
BY470X	8 GRN130S/840	PSD	MB	GC	CE	SI	ACW	88	148	A	A, B	1	302**05891**
BY470X	8 GRN130S/840	PSD	MB	GC	CE	WH	ACW	88	148	B	A, B	1	302**05916**
BY470X	8 GRN130S/840	PSD	MB	PC	CE	SI	ACW	88	148	A	A, B	1	302**05904**
BY470X	8 GRN130S/840	PSD	MB	PC	CE	WH	ACW	88	148	B	A, B	1	302**05928**
BY470X	8 GRN130S/840	PSD	NB	GC	CE	SI	ACW	88	148	A	A, B	1	302**05890**
BY470X	8 GRN130S/840	PSD	NB	GC	CE	WH	ACW	88	148	B	A, B	1	302**05915**
BY470X	8 GRN130S/840	PSD	NB	PC	CE	SI	ACW	88	148	A	A, B	1	302**05903**
BY470X	8 GRN130S/840	PSD	NB	PC	CE	WH	ACW	88	148	B	A, B	1	302**05927**
BY470X	8 GRN130S/840	PSD	WB	GC	CE	SI	ACW	88	148	A	A, B	1	302**05892**
BY470X	8 GRN130S/840	PSD	WB	GC	CE	WH	ACW	88	148	B	A, B	1	302**05917**
BY470X	8 GRN130S/840	PSD	WB	PC	CE	SI	ACW	88	148	A	A, B	1	302**05905**
BY470X	8 GRN130S/840	PSD	WB	PC	CE	WH	ACW	88	148	B	A, B	1	302**05929**
BY471X	12 GRN170S/840	PSD	HRO	GC	CE	SI	ACW	111	153	C	A, B	2	302**05897**
BY471X	12 GRN170S/840	PSD	HRO	GC	CE	WH	ACW	111	153	D	A, B	2	302**05922**
BY471X	12 GRN170S/840	PSD	HRO	PC	CE	SI	ACW	111	153	C	A, B	2	302**05910**
BY471X	12 GRN170S/840	PSD	HRO	PC	CE	WH	ACW	111	153	D	A, B	2	302**05934**
BY471X	12 GRN170S/840	PSD	MB	GC	CE	SI	ACW	111	153	C	A, B	2	302**05895**
BY471X	12 GRN170S/840	PSD	MB	GC	CE	WH	ACW	111	153	D	A, B	2	302**05920**
BY471X	12 GRN170S/840	PSD	MB	PC	CE	SI	ACW	111	153	C	A, B	2	302**05908**
BY471X	12 GRN170S/840	PSD	MB	PC	CE	WH	ACW	111	153	D	A, B	2	302**05932**
BY471X	12 GRN170S/840	PSD	NB	GC	CE	SI	ACW	111	153	C	A, B	2	302**05894**
BY471X	12 GRN170S/840	PSD	NB	GC	CE	WH	ACW	111	153	D	A, B	2	302**05919**
BY471X	12 GRN170S/840	PSD	NB	PC	CE	SI	ACW	111	153	C	A, B	2	302**05907**
BY471X	12 GRN170S/840	PSD	NB	PC	CE	WH	ACW	111	153	D	A, B	2	302**05931**
BY471X	12 GRN170S/840	PSD	WB	GC	CE	SI	ACW	111	153	C	A, B	2	302**05896**
BY471X	12 GRN170S/840	PSD	WB	GC	CE	WH	ACW	111	153	D	A, B	2	302**05921**
BY471X	12 GRN170S/840	PSD	WB	PC	CE	SI	ACW	111	153	C	A, B	2	302**05909**
BY471X	12 GRN170S/840	PSD	WB	PC	CE	WH	ACW	111	153	D	A, B	2	302**05933**
BY471X	16 GRN250S/840	PSD	HRO	GC	CE	SI	ACW	165	152	E	A, B	2	302**05902**
BY471X	16 GRN250S/840	PSD	HRO	GC	CE	WH	ACW	165	152	F	A, B	2	302**05926**
BY471X	16 GRN250S/840	PSD	HRO	PC	CE	SI	ACW	165	152	E	A, B	2	302**05914**
BY471X	16 GRN250S/840	PSD	HRO	PC	CE	WH	ACW	165	152	F	A, B	2	302**05938**
BY471X	16 GRN250S/840	PSD	MB	GC	CE	SI	ACW	165	152	E	A, B	2	302**05899**
BY471X	16 GRN250S/840	PSD	MB	GC	CE	WH	ACW	165	152	F	A, B	2	302**05924**
BY471X	16 GRN250S/840	PSD	MB	PC	CE	SI	ACW	165	152	E	A, B	2	302**05912**
BY471X	16 GRN250S/840	PSD	MB	PC	CE	WH	ACW	165	152	F	A, B	2	302**05936**
BY471X	16 GRN250S/840	PSD	NB	GC	CE	SI	ACW	165	152	E	A, B	2	302**05898**
BY471X	16 GRN250S/840	PSD	NB	GC	CE	WH	ACW	165	152	F	A, B	2	302**05923**
BY471X	16 GRN250S/840	PSD	NB	PC	CE	SI	ACW	165	152	E	A, B	2	302**05911**
BY471X	16 GRN250S/840	PSD	NB	PC	CE	WH	ACW	165	152	F	A, B	2	302**05935**
BY471X	16 GRN250S/840	PSD	WB	GC	CE	SI	ACW	165	152	E	A, B	2	302**05901**
BY471X	16 GRN250S/840	PSD	WB	GC	CE	WH	ACW	165	152	F	A, B	2	302**05925**
BY471X	16 GRN250S/840	PSD	WB	PC	CE	SI	ACW	165	152	E	A, B	2	302**05913**
BY471X	16 GRN250S/840	PSD	WB	PC	CE	WH	ACW	165	152	F	A, B	2	302**05937**
BY471X	16 GRN250S/840	PSD-CLO	MB	GC	CE	SI	ACW	165	152	G		2	258**63391**

[1] 'Type' value description(s): '**BY470X**' = GentleSpace GreenWarehouse, '**BY471X**' = GentleSpace GreenWarehouse

[2] 'Lamp' value description(s): '**GRN130S**' = LED GreenLine system flux 13 000 lm, '**GRN170S**' = LED GreenLine system flux 17 000 lm, '**GRN250S**' = LED GreenLine system flux 25 000 lm, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSD-CLO**' = Power supply unit with DALI interface and constant light output

[4] 'Optic type' value description(s): '**HRO**' = High-rack optic, '**MB**' = Medium beam, '**NB**' = Narrow beam, '**WB**' = Wide beam

[5] 'Optical cover/lens type' value description(s): '**GC**' = Clear glass, '**PC**' = Polycarbonate bowl/cover

[6] 'Connection' value description(s): '**CE**' = External connector

[7] 'Accessory color' value description(s): '**SI**' = Silver, '**WH**' = White

[8] 'Embedded control' value description(s): '**ACW**' = ActiLume wireless

Accessory Range


A

Mounting bracket


B

Mounting bracket


C

Mounting bracket


D

Mounting bracket


E

Accessory Specification

Type[9]	Accessory color[10]	Material[11]	Product Length (mm)	Electrical accessories[12]	Suspension accessories[13]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
BY470Z				IPT		A	UNP / 1	252**59590**
BY470Z	SI	STL	450		MBA	B	UNP / 1	252**55114**
BY470Z	WH	STL	450		MBA	C	UNP / 1	252**55156**
BY471Z	SI	STL	540		MBA	D	UNP / 1	252**55115**
BY471Z	WH	STL	540		MBA	E	UNP / 1	252**55157**

[9] 'Type' value description(s): 'BY470Z' = GentleSpace 2 acc, 'BY471Z' = GentleSpace 2 acc

[10] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[11] 'Material' value description(s): 'STL' = Steel

[12] 'Electrical accessories' value description(s): 'IPT' = Infrared programming transmitter

[13] 'Suspension accessories' value description(s): 'MBA' = Mounting bracket adjustable

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BY470X	50-60	220 to 240	+/-11%	0.9	2.3	4.8	88	0.5	70 000	50 000	25 000
BY471X	50-60	220 to 240	+/-11%	0.9	2.3	4.8	111	0.5	70 000	50 000	25 000
BY471X	50-60	220 to 240	+/-11%	0.9	2.3	9.6	165	0.5	70 000	50 000	25 000

Light technical data

Type	Lamp family code[14]	Light source color[15]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY470X	GRN130S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	148	13 000	+/-7%
BY470X	GRN130S	840	4000	≥80	30x25	(0.38, 0.38) SDCM <3	148	13 000	+/-7%
BY470X	GRN130S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	148	13 000	+/-7%
BY470X	GRN130S	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	148	13 000	+/-7%
BY471X	GRN170S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	153	17 000	+/-7%
BY471X	GRN170S	840	4000	≥80	26x31	(0.38, 0.38) SDCM <3	153	17 000	+/-7%
BY471X	GRN170S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	153	17 000	+/-7%
BY471X	GRN170S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	153	17 000	+/-7%
BY471X	GRN250S	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471X	GRN250S	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471X	GRN250S	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	152	25 000	+/-7%
BY471X	GRN250S	840	4000	≥80	44x42	(0.38, 0.38) SDCM <3	152	25 000	+/-7%

[14] 'Lamp family code' value description(s): 'GRN130S' = LED GreenLine system flux 13 000 lm, 'GRN170S' = LED GreenLine system flux 17 000 lm, 'GRN250S' = LED GreenLine system flux 25 000 lm

[15] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[16]	IP Classification[17]	Mech. impact protection code[18]	CE mark	ENEC mark	Flammability mark[19]	Glow-wire test[20] (°C/s)	RoHS mark
BY470X	I	IP65	IK07	CE	ENEC	D	650/5	ROHS
BY471X	I	IP65	IK07	CE	ENEC	D	650/5	ROHS

[16] 'Protection class IEC' value description(s): 'I' = Safety class I

[17] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[18] 'Mech. impact protection code' value description(s): 'IK07' = 2 J reinforced

[19] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[20] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



CoreLine High-bay G3 – superior light quality and lower energy and maintenance costs

Following the successful introduction of the CoreLine High-bay in 2013, the upgrade to a new generation further improves the total cost of ownership and provides optionally DALI dimming for even further savings. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay G3 offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer.
At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid. Electrical connection is straightforward: there is no need to open the luminaire for installation or servicing. And being smaller and lighter than conventional luminaires, it is very easy to handle.

Product Range


A

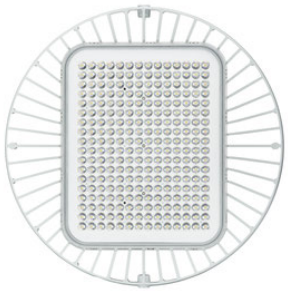

B


C


D

Detailed Photos

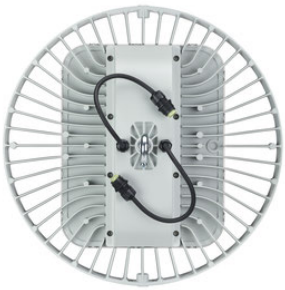
Bottom view


A

Side view


B

Top view


C

Side view


D

Easy to install – external IP65 connector


E

Easy to install – external IP65 connector


F

Bottom view


G

Top view


H

10

Easy to install – external IP65 connector



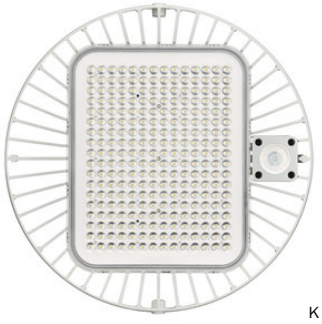
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CoreLine_Highbay_gen3-BY121P-PIR-2DPP.TIF



J

CoreLine_Highbay_gen3-BY121P-PIR-3DPP.TIF



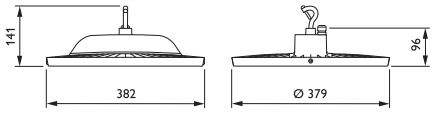
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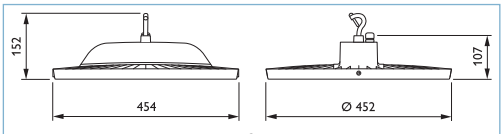


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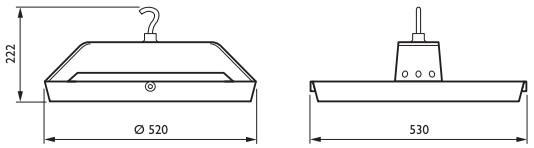
Dimension Drawing



1



2



3

Technical Specification

Type	Lamp[1]	Driver/ power unit/ trans-former[2]	Optic type[3]	Optical cover/ lens type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	mm	Material Nr. (12NC) (9114...)
BY120P	1 LED105S/840	PSD	WB	PC	CU3	GR	81	125	A		A	1	01505531
BY120P	1 LED105S/840	PSU	WB	PC	CU3	GR	85	125	A		A	1	01505331
BY120P	LED105S								A		A	1	01524151
BY120P	LED105S								A		A	1	01524251
BY121P	1 LED205S/840	PSD	WB	PC	CU3	GR	155	130	B	A-E	B	2	01505631
BY121P	1 LED205S/840	PSU	WB	PC	CU3	GR	155	130	B	A, F	B	2	01505431
BY121P	1 LED205S/840	PSU	WB	PC	PI	GR	198	104	C	G-I	C	3	01578311
BY121P	LED205S								B		B	2	01524451
BY121P	LED205S								B		B	2	01524351
BY120P	1 LED105S/840	PSU	WB	PC	CU3	GR	85	129	D	J-L		1	01571141
BY120P	1 LED105S/865	PSU	WB	PC	CU3	GR	85	125	A	G-I	A	1	01571041
BY120P	1 LED105S/865	PSU	WB	PC	CU3	GR	85	125	D	J-L		1	01571541
BY121P	1 LED205S/840	PSU	WB	PC	CU3	GR	155	130	D	J-L		2	01571241
BY121P	1 LED205S/865	PSU	WB	PC	CU3	GR	155	130	D	J-L		2	01571441
BY121P	1 LED205S/865	PSU	WB	PC	CU3	GR	155	130	B	A, F	B	2	01571341

[1] 'Lamp' value description(s): '**LED105S**' = LED module, system flux 10 500 lm, '**LED205S**' = LED module, system flux 20 500 lm, '**840**' = 840 neutral white, '**865**' = 865 cool daylight

[2] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[3] 'Optic type' value description(s): '**WB**' = Wide beam

[4] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[5] 'Connection' value description(s): '**CU3**' = Connection unit 3-pole, '**PI**' = Push-in connector 3-pole

[6] 'Accessory color' value description(s): '**GR**' = Gray

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BY120P											
BY120P	50-60	220 to 240	+/-10%	0.9	0.25	46	81	1	50 000	30 000	15 000
BY120P	50-60	220 to 240	+/-10%	0.9	0.44	46	85	1	50 000	30 000	15 000
BY121P											
BY121P	50-60	220 to 240					198	1	50 000	30 000	15 000
BY121P	50-60	220 to 240	+/-10%	0.9	0.30	53	155	1	50 000	30 000	15 000
BY121P	50-60	220 to 240	+/-10%	0.9	0.44	46	155	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY120P	LED105S								
BY120P	LED105S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	125	10 500	+/-10%
BY120P	LED105S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	129	10 500	+/-10%
BY120P	LED105S	865	6500	≥80	100	(0.38, 0.38) SDCM <5	125	10 500	+/-10%
BY121P	LED205S								
BY121P	LED205S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	104	20 500	+/-10%
BY121P	LED205S	840	4000	≥80	100	(0.38, 0.38) SDCM <5	130	20 500	+/-10%
BY121P	LED205S	865	6500	≥80	100	(0.38, 0.38) SDCM <5	130	20 500	+/-10%

[7] 'Lamp family code' value description(s): 'LED105S' = LED module, system flux 10 500 lm, 'LED205S' = LED module, system flux 20 500 lm

[8] 'Light source color' value description(s): '840' = 840 neutral white, '865' = 865 cool daylight

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
BY120P							
BY120P	I	IP65	IK07	CE	F	650/5	ROHS
BY121P							
BY121P	I	IP65	IK07	CE	F	650/5	
BY121P	I	IP65	IK07	CE	F	650/5	ROHS

[9] 'Protection class IEC' value description(s): 'I' = Safety class I

[10] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[11] 'Mech. impact protection code' value description(s): 'IK07' = 2 J reinforced

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s

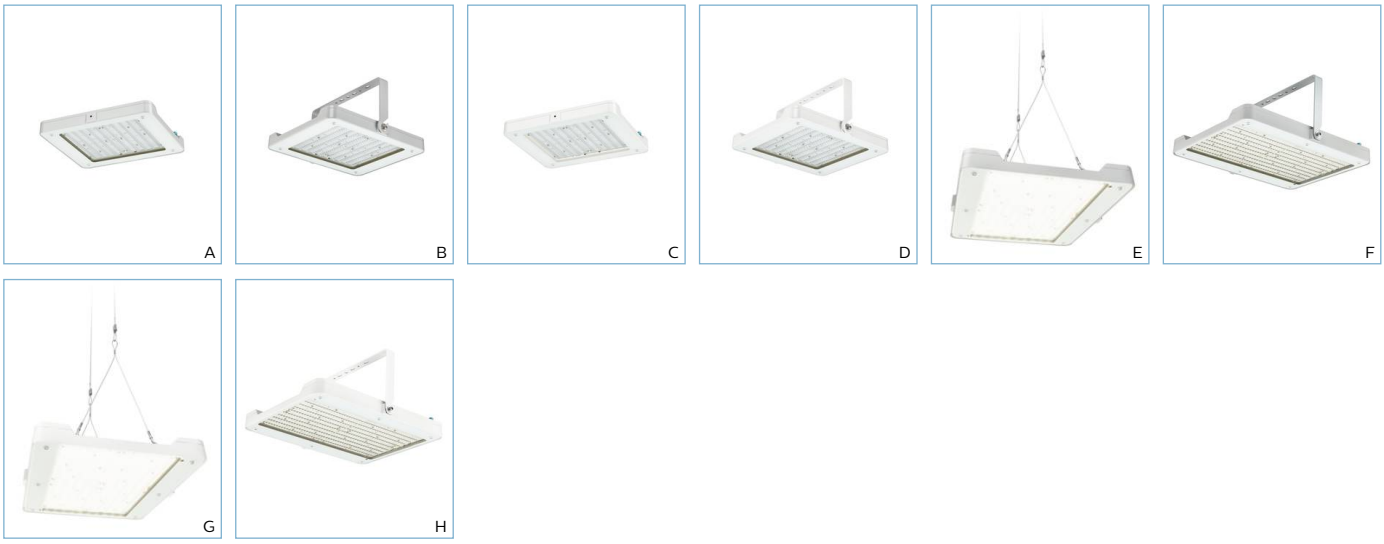




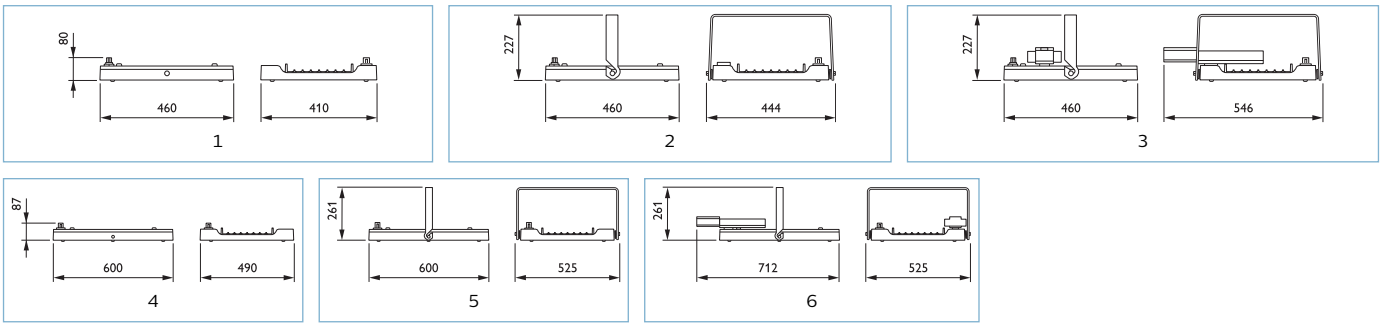
GentleSpace gen3: adaptable high-bay lighting offering high efficiency and connectivity options to lighting systems and software applications.

With the third generation of the GentleSpace high-bay luminaire, we continue to bring innovations to the market by offering adaptable high bay lighting solutions for high ceiling and industrial applications. GentleSpace gen3 offers a wide variety of options in terms of optics and beam angles (from very narrow to wide), a choice of mounting possibilities and cover materials and a variety of lumen packages. This means that GentleSpace gen3 can easily help you create a tailor-made and ideal lighting solution for almost any high ceiling and/or industrial application. It can also support changes in application requirements (such as layout changes) thanks to its flexible optical system, which can be easily adjusted even after installation. In addition, GentleSpace gen3 also provides the option of advanced connectivity and is ready to be connected to IoT-based system and software applications such as Interact Industry. Overall, whether you are looking for a reliable "fit & forget" solution or one that can be adapted and controlled after installation, GentleSpace gen3 is the ideal solution for your application.

Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9105...)
BY480P	840	PSD	HRO	CE	SI	79	160	A	1	004**65593**
BY480P	840	PSD	HRO	CE	SI	79	160	B	2	004**65590**
BY480P	840	PSD	HRO	CE	SI	79	160	A	1	004**65548**
BY480P	840	PSD	HRO	CE	SI	106	160	C	1	004**65586**
BY480P	840	PSD	HRO	CE	SI	106	160	A	1	004**65603**

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	mm	Material Nr. (12NC) (9105...)
BY480P	840	PSD	HRO	CE	SI	106	160	A	1	00465545
BY480P	840	PSD	MB	CE	SI	79	160	B	2	00465561
BY480P	840	PSD	MB	CE	SI	79	160	A	1	00465597
BY480P	840	PSD	MB	CE	SI	79	160	C	1	00465598
BY480P	840	PSD	MB	CE	SI	79	160	A	1	00465544
BY480P	840	PSD	MB	CE	SI	106	160	A	1	00465551
BY480P	840	PSD	MB	CE	SI	106	160	B	2	00465585
BY480P	840	PSD	MB	CE	SI	106	160	A	1	00465595
BY480P	840	PSD	MB	CE	SI	106	160	A	1	00465542
BY480P	840	PSD	MB	CE	SI	106	160	D	2	00465546
BY480P	840	PSD	MB	CE	WH	79	160	C	1	00465582
BY480P	840	PSD	MB	CE	WH	106	160	C	1	00465578
BY480P	840	PSD	NB	CE	SI	79	160	A	1	00465589
BY480P	840	PSD	NB	CE	SI	79	160	A	1	00465591
BY480P	840	PSD	NB	CE	SI	106	160	A	1	00465579
BY480P	840	PSD	NB	CE	SI	106	160	C	1	00465588
BY480P	840	PSD	NB	CE	SI	106	160	B	2	00465604
BY480P	840	PSD	WB	CE	SI	79	160	A	1	00465568
BY480P	840	PSD	WB	CE	SI	79	160	B	2	00465572
BY480P	840	PSD	WB	CE	SI	106	160	B	2	00465558
BY480P	840	PSD	WB	CE	SI	106	160	D	2	00465570
BY480P	840	PSD	WB	CE	SI	106	160	A	1	00465580
BY480P	840	PSD	WB	CE	SI	106	160	C	1	00465609
BY480P	840	PSD	WB	CE	WH	79	160	C	1	00465566
BY480P	840	PSD	WB	CE	WH	106	160	C	1	00465581
BY480X	840	PSD	HRO	CE	SI	79	160	B	3	00465552
BY480X	840	PSD	HRO	CE	SI	106	160	B	3	00465576
BY480X	840	PSD	MB	CE	SI	79	160	B	3	00465562
BY480X	840	PSD	MB	CE	SI	106	160	B	3	00465559
BY480X	840	PSD	NB	CE	SI	79	160	B	3	00465601
BY480X	840	PSD	WB	CE	SI	79	160	B	3	00465560
BY480X	840	PSD	WB	CE	SI	106	160	B	3	00465554
BY481P	840	PSD	HRO	CE	SI	151	160	E	4	00465569
BY481P	840	PSD	HRO	CE	SI	151	160	E	4	00465575
BY481P	840	PSD	HRO	CE	SI	151	160	F	5	00465592
BY481P	840	PSD	HRO	CE	SI	212	160	E	4	00465573
BY481P	840	PSD	HRO	CE	SI	212	160	E	4	00465606
BY481P	840	PSD	HRO	CE	WH	151	160	G	4	00465607
BY481P	840	PSD	MB	CE	SI	151	160	E	4	00465537
BY481P	840	PSD	MB	CE	SI	151	160	F	5	00465556
BY481P	840	PSD	MB	CE	SI	151	160	G	4	00465577
BY481P	840	PSD	MB	CE	SI	151	160	E	4	00465550
BY481P	840	PSD	MB	CE	SI	212	160	E	4	00465538
BY481P	840	PSD	MB	CE	SI	212	160	F	5	00465596
BY481P	840	PSD	MB	CE	SI	212	160	E	4	00465605
BY481P	840	PSD	MB	CE	WH	151	160	G	4	00465563
BY481P	840	PSD	NB	CE	SI	151	160	F	5	00465584
BY481P	840	PSD	NB	CE	SI	151	160	E	4	00465602
BY481P	840	PSD	NB	CE	SI	151	160	E	4	00465540
BY481P	840	PSD	NB	CE	SI	212	160	E	4	00465574
BY481P	840	PSD	WB	CE	SI	79	160	A	1	00465539
BY481P	840	PSD	WB	CE	SI	151	160	F	5	00465564
BY481P	840	PSD	WB	CE	SI	151	160	H	5	00465594
BY481P	840	PSD	WB	CE	SI	151	160	H	5	00465587
BY481P	840	PSD	WB	CE	SI	151	160	E	4	00465536
BY481P	840	PSD	WB	CE	SI	151	160	E	4	00465547
BY481P	840	PSD	WB	CE	SI	212	160	E	4	00465599
BY481P	840	PSD	WB	CE	SI	212	160	F	5	00465608
BY481P	840	PSD	WB	CE	SI	212	160	E	4	00465549
BY481P	840	PSD	WB	CE	WH	151	160	G	4	00465583
BY481X	840	PSD	HRO	CE	SI	151	160	F	6	00465553
BY481X	840	PSD	HRO	CE	SI	212	160	F	6	00465565
BY481X	840	PSD	MB	CE	SI	151	160	F	6	00465541
BY481X	840	PSD	MB	CE	SI	212	160	F	6	00465555

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connection[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9105...)
BY481X	840	PSD	NB	CE	SI	151	160	F	6	00465567
BY481X	840	PSD	NB	CE	SI	212	160	F	6	00465571
BY481X	840	PSD	WB	CE	SI	151	160	F	6	00465543
BY481X	840	PSD	WB	CE	SI	212	160	F	6	00465557

[1] 'Type' value description(s): 'BY480P' = New Highbay, 'BY480X' = New Highbay, 'BY481P' = New Highbay, 'BY481X' = New Highbay

[2] 'Lamp' value description(s): '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Optic type' value description(s): 'HRO' = High-rack optic, 'MB' = Medium beam, 'NB' = Narrow beam, 'WB' = Wide beam

[5] 'Connection' value description(s): 'CE' = External connector

[6] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BY480P	50-60	220-240	+/-10%	0.9	2.300	4.8	79	0.5	100 000	70 000	50 000
BY480P	50-60	220-240	+/-10%	0.9	2.300	4.8	106	0.5	100 000	70 000	50 000
BY480X	50-60	220-240	+/-10%	0.9	2.300	4.8	79	0.5	100 000	70 000	50 000
BY480X	50-60	220-240	+/-10%	0.9	2.300	4.8	106	0.5	100 000	70 000	50 000
BY481P	50-60	220-240	+/-10%	0.9	0.061	15.3	212	0.5	100 000	70 000	50 000
BY481P	50-60	220-240	+/-10%	0.9	2.300	4.8	79	0.5	100 000	70 000	50 000
BY481P	50-60	220-240	+/-10%	0.9	2.300	4.8	151	0.5	100 000	70 000	50 000
BY481X	50-60	220-240	+/-10%	0.9	0.061	15.3	212	0.5	100 000	70 000	50 000
BY481X	50-60	220-240	+/-10%	0.9	2.300	4.8	151	0.5	100 000	70 000	50 000

Light technical data

Type	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY480P	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480P	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480P	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480P	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480P	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480P	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480P	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480P	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480X	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480X	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480X	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480X	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480X	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY480X	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY480X	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	17 000	+/-10%
BY481P	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481P	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481P	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481P	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481P	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481P	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481P	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	13 000	+/-10%
BY481P	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481P	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481X	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481X	840	4000	≥80	16x47	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481X	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481X	840	4000	≥80	25x30	(0.38, 0.38) SDCM <3	160	35 000	+/-10%

More data see next page

Type	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BY481X	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481X	840	4000	≥80	40x40	(0.38, 0.38) SDCM <3	160	35 000	+/-10%
BY481X	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	25 000	+/-10%
BY481X	840	4000	≥80	42x44	(0.38, 0.38) SDCM <3	160	35 000	+/-10%

[7] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	ENEC mark	Flammability mark[11]	Glow-wire test[12] (°C/s)	RoHS mark
BY480P	I	IP65	IK07	CE	ENEC	D	850/5	ROHS
BY480X	I	IP65	IK07	CE	ENEC	D	850/5	ROHS
BY481P	I	IP65	IK07	CE	ENEC	D	850/5	ROHS
BY481X	I	IP65	IK07	CE	ENEC	D	850/5	ROHS

[8] 'Protection class IEC' value description(s): 'I' = Safety class I

[9] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[10] 'Mech. impact protection code' value description(s): 'IK07' = 2 J reinforced

[11] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[12] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



Maxos Light-line system ➪


Maxos LED Performer 295


Maxos fusion 301


Maxos LED 308


Maxos LED inserts for TTX400 315


Maxos accessories 320


Maxos, mounting accessories 322

Basic Light-line system ➪


CoreLine Trunking 324


Smart Track 331

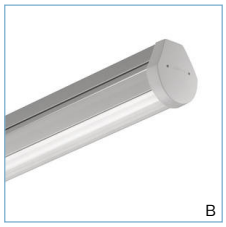


Maxos LED Performer – efficient and precise line lighting

Customers want to save energy and reduce cost compared to what they are used to with conventional lighting. At the same time, excellent lighting conditions are needed: in industrial environments, to guarantee safety and productivity; and in retail environments, to make the merchandise stand out and attract shoppers. Maxos LED Performer is an extremely flexible solution that delivers low energy consumption and excellent beam shaping at an attractive investment level.

Product Range


A


B

Detailed Photos

Top view of insert


A

Front view with suspension


B

Partial side view


C

Close-up view from below

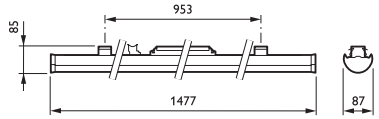


D

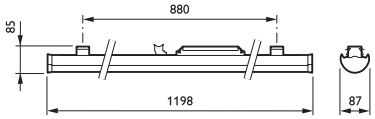
Close-up view from below


E

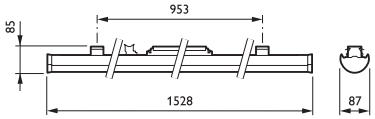
Dimension Drawing



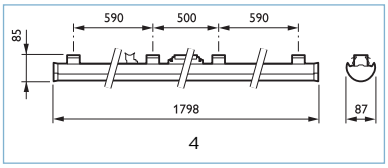
1



2



3



4

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Con-nec-tion[5]	Accessory color[6]	Em-bedded con-trol[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX900	1 LED40S/830	PSD	WB	CU5	WH			30.0	133	A	A-E	1, 2	910629132826
4MX900	1 LED40S/830	PSU	A30	CU3	WH			32.0	125	A	A-E	1	910629148126
4MX900	1 LED40S/830	PSU	DA20	CU3	WH			32.0	125	A	A-E	1, 3	910629141126
4MX900	1 LED40S/830	PSU	MB	CU3	WH			32.0	125	A	A-E	1, 3	910629140926
4MX900	1 LED40S/830	PSU	WB	CU3	SI			32.0	125	B	A-E	1	910629141626
4MX900	1 LED40S/830	PSU	WB	CU3	WH			32.0	125	A	A-E	1	910629142426
4MX900	1 LED40S/840	PSD	A30	CU5	WH			28.0	143	A	A-E	1, 2	910629145326
4MX900	1 LED40S/840	PSD	DA20	CU5	SI			28.0	143	B	A-E	1, 2	910629131926
4MX900	1 LED40S/840	PSD	DA20	CU5	WH			28.0	143	A	A-E	1, 2	910629132726
4MX900	1 LED40S/840	PSD	MB	CU5	WH			28.0	143	A	A-E	1, 2	910629132526
4MX900	1 LED40S/840	PSD	MB	CU5	WH			30.0	133	A	A-E	1	910629144526
4MX900	1 LED40S/840	PSD	NB	CU5	WH			28.0	143	A	A-E	1, 2	910629132626
4MX900	1 LED40S/840	PSD	NB	CU5	WH			30.0	133	A	A-E	1	910629144626
4MX900	1 LED40S/840	PSD	WB	CU5	SI			28.0	143	B		1, 2	910629131626
4MX900	1 LED40S/840	PSD	WB	CU5	WH			28.0	143	A	A-E	1, 2	910629132426
4MX900	1 LED40S/840	PSD	WB	CU5	WH			30.0	133	A	A-E	1	910629144426
4MX900	1 LED40S/840	PSU	A30	CU3	WH			30.0	133	A	A-E	1, 3	910629145626
4MX900	1 LED40S/840	PSU	A30	CU3	WH			30.0	133	A	A-E	1	910629145826
4MX900	1 LED40S/840	PSU	MB	CU3	WH			30.0	133	A	A-E	1, 3	910629140526
4MX900	1 LED40S/840	PSU	MB	CU3	WH			30.0	133	A	A-E	1	910629142126
4MX900	1 LED40S/840	PSU	WB	CU3	SI			28.0	143	B	A-E	1, 2	910629172926
4MX900	1 LED40S/840	PSU	WB	CU3	SI			30.0	133	B	A-E	1	910629141226
4MX900	1 LED40S/840	PSU	WB	CU3	WH			28.0	143	A	A-E	1, 2	910629143226
4MX900	1 LED40S/840	PSU	WB	CU3	WH			30.0	133	A	A-E	1, 3	910629140426
4MX900	1 LED40S/840	PSU	WB	CU3	WH			30.0	133	A	A-E	1	910629142026
4MX900	1 LED50S/830	PSU	A30	CU3	WH			37.0	135	A	A-E	1	910629148226
4MX900	1 LED50S/840	PSD	A30	CU5	WH			35.5	141	A	A-E	1, 3	910629173226
4MX900	1 LED50S/840	PSD	DA20	CU5	WH			35.5	141	A	A-E	1	910629145126
4MX900	1 LED50S/840	PSD	MB	CU5	WH			35.5	141	A	A-E	1	910629144926
4MX900	1 LED50S/840	PSD	NB	CU5	WH			35.5	141	A	A-E	1	910629145026
4MX900	1 LED50S/840	PSD	WB	CU5	WH			35.5	141	A	A-E	1	910629144826
4MX900	1 LED50S/840	PSU	A30	CU3	SI			35.5	141	B	A-E	1, 3	910629177526
4MX900	1 LED50S/840	PSU	A30	CU3	WH			35.5	141	A	A-E	1, 3	910629145726
4MX900	1 LED50S/840	PSU	A30	CU3	WH			35.5	141	A	A-E	1	910629145926
4MX900	1 LED50S/840	PSU	DA30	CU3	WH			35.5	141	A	A-E	1	910629170126
4MX900	1 LED50S/840	PSU	MB	CU3	WH			35.5	141	A	A-E	1, 3	910629146126
4MX900	1 LED50S/840	PSU	MB	CU3	WH			35.5	141	A	A-E	1	910629146526
4MX900	1 LED50S/840	PSU	NB	CU3	WH			35.5	141	A	A-E	1	910629146626
4MX900	1 LED50S/840	PSU	WB	CU3	WH			35.5	141	A	A-E	1, 3	910629146026
4MX900	1 LED50S/840	PSU	WB	CU3	WH			35.5	141	A	A-E	1	910629146426
4MX900	1 LED60S/830	PSD	MB	CU5	SI			44.0	136	B	A-E	1, 4	910629136926
4MX900	1 LED60S/830	PSD	MB	CU5	WH			44.0	136	A	A-E	1, 4	910629137726
4MX900	1 LED60S/830	PSD	WB	CU5	SI			44.0	136	B	A-E	1, 4	910629136826
4MX900	1 LED60S/830	PSD	WB	CU5	WH			44.0	136	A	A-E	1, 4	910629137626
4MX900	1 LED60S/840	PSD	A30	CU5	WH			41.5	145	A	A-E	1, 4	910629145526
4MX900	1 LED60S/840	PSD	DA20	CU5	SI			41.5	145	B	A-E	1, 4	910629136726
4MX900	1 LED60S/840	PSD	DA20	CU5	WH			41.5	145	A	A-E	1, 4	910629137526
4MX900	1 LED60S/840	PSD	MB	CU5	WH			41.5	145	A	A-E	1, 4	910629137326
4MX900	1 LED60S/840	PSD	NB	CU5	WH			41.5	145	A	A-E	1, 4	910629137426
4MX900	1 LED60S/840	PSD	WB	CU5	SI			41.5	145	B	A-E	1, 4	910629136426
4MX900	1 LED60S/840	PSD	WB	CU5	WH			41.5	145	A	A-E	1, 4	910629137226
4MX900	1 LED75S/830	PSD	WB	CU5	WH			60.0	125	A	A-E	1	910629177426
4MX900	1 LED75S/840	PSD	A30	CU5	WH			56.0	134	A	A-E	1	910629171826
4MX900	1 LED75S/840	PSD	A30	CU5	WH			56.0	134	A	A-E	1, 3	910629172426
4MX900	1 LED75S/840	PSD	DA20	CU5	WH			56.0	134	A	A-E	1	910629171726
4MX900	1 LED75S/840	PSD	DA20	CU5	WH			56.0	134	A	A-E	1, 3	910629172326

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Con-nec-tion[5]	Accessory color[6]	Em-bedded con-trol[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX900	1 LED75S/840	PSD	DA30	CU5	WH			56.0	134	A	A-E	1, 3	910629172226
4MX900	1 LED75S/840	PSD	MB	CU5	WH			56.0	134	A	A-E	1	910629171426
4MX900	1 LED75S/840	PSD	MB	CU5	WH			56.0	134	A	A-E	1, 3	910629172026
4MX900	1 LED75S/840	PSD	NB	CU5	WH			56.0	134	A	A-E	1	910629171526
4MX900	1 LED75S/840	PSD	NB	CU5	WH			56.0	134	A	A-E	1, 3	910629172126
4MX900	1 LED75S/840	PSD	WB	CU5	WH			56.0	134	A	A-E	1	910629171326
4MX900	1 LED75S/840	PSD	WB	CU5	WH			56.0	134	A	A-E	1, 3	910629171926
4MX900	1 LED75S/840	PSD-CLO	MB	CU5	WH	CLO		56.0	134	A	A-E	1, 3	910500458125
4MX900	1 LED75S/840	PSU	A30	CU3	WH			56.0	134	A	A-E	1, 3	910629148326
4MX900	1 LED75S/840	PSU	A30	CU3	WH			56.0	134	A	A-E	1	910629148526
4MX900	1 LED75S/840	PSU	MB	CU3	WH			56.0	134	A	A-E	1, 3	910629170926
4MX900	1 LED75S/840	PSU	MB	CU3	WH			56.0	134	A	A-E	1	910629170426
4MX900	1 LED75S/840	PSU	NB	CU3	WH			56.0	134	A	A-E	1, 3	910629171026
4MX900	1 LED75S/840	PSU	WB	CU3	WH			56.0	134	A	A-E	1, 3	910629170826
4MX900	1 LED75S/840	PSU	WB	CU3	WH			56.0	134	A	A-E	1	910629170326
4MX900	1 LED90S/830	PSD	A30	CU5	WH			71.0	127	A	A-E	1, 4	910629147826
4MX900	1 LED90S/830	PSD	WB	CU5	SI			71.0	127	B	A-E	1, 4	910629138426
4MX900	1 LED90S/830	PSD	WB	CU5	WH			71.0	127	A	A-E	1, 4	910629139226
4MX900	1 LED90S/840	PSD	A30	CU5	SI			67.0	134	B	A-E	1, 4	910629147226
4MX900	1 LED90S/840	PSD	A30	CU5	WH			67.0	134	A	A-E	1, 4	910629147026
4MX900	1 LED90S/840	PSD	DA20	CU5	WH			67.0	134	A	A-E	1, 4	910629139126
4MX900	1 LED90S/840	PSD	MB	CU5	SI			67.0	134	B	A-E	1, 4	910629138126
4MX900	1 LED90S/840	PSD	MB	CU5	WH			67.0	134	A	A-E	1, 4	910629138926
4MX900	1 LED90S/840	PSD	NB	CU5	WH			67.0	134	A	A-E	1, 4	910629139026
4MX900	1 LED90S/840	PSD	WB	CU5	SI			67.0	134	B	A-E	1, 4	910629138026
4MX900	1 LED90S/840	PSD	WB	CU5	WH			67.0	134	A	A-E	1, 4	910629138826
4MX900	LED40S/840	PSD	DA20	CU5	WH			30.0	133	A		1, 3	910500460308
4MX900	LED40S/840	PSD	MB	CU5	WH			30.0	133	A		1, 3	910500460309
4MX900	LED40S/840	PSD	NB	CU5	WH			30.0	133	A		1, 3	910500460310
4MX900	LED40S/840	PSD	WB	CU5	WH			30.0	133	A		3	910500460311
4MX900	LED50S/840	PSD	DA20	C-2R	WH			35.5	141	A		1	910500460296
4MX900	LED50S/840	PSD	DA20	C-2R	WH			35.5	141	A		1, 3	910500460316
4MX900	LED50S/840	PSD	DA20	CU5	WH			35.5	141	A		3	910500460312
4MX900	LED50S/840	PSD	MB	C-2R	WH			35.5	141	A		1, 3	910500460317
4MX900	LED50S/840	PSD	MB	C-2R	WH			35.5	141	A		1	910500460297
4MX900	LED50S/840	PSD	MB	CU5	WH			35.5	141	A		1, 3	910629173126
4MX900	LED50S/840	PSD	NB	C-2R	WH			35.5	141	A		1	910500460298
4MX900	LED50S/840	PSD	NB	C-2R	WH			35.5	141	A		1, 3	910500460318
4MX900	LED50S/840	PSD	WB	C-2R	WH			35.5	141	A		1	910500460299
4MX900	LED50S/840	PSD	WB	C-2R	WH			35.5	141	A		1, 3	910500460319
4MX900	LED50S/840	PSD	WB	CU5	WH			35.5	141	A		1, 3	910629177026
4MX900	LED50S/840	PSD-CLO	DA20	CU5	WH			35.5	141	A		1	910500460293
4MX900	LED50S/840	PSD-CLO	DA20	CU5	WH			35.5	141	A		3	910500460313
4MX900	LED50S/840	PSD-CLO	MB	CU5	WH			35.5	141	A		1	910500460294
4MX900	LED50S/840	PSD-CLO	MB	CU5	WH			35.5	141	A		1, 3	910500460314
4MX900	LED50S/840	PSD-CLO	NB	CU5	WH			35.5	141	A		1	910500460295
4MX900	LED50S/840	PSD-CLO	WB	CU5	WH	CLO		35.5	141	A		1	910500458678
4MX900	LED75S/840	PSD	DA20	C-2R	WH			56.0	134	A		1	910500460304
4MX900	LED75S/840	PSD	DA20	C-2R	WH			56.0	134	A		1, 3	910500460322
4MX900	LED75S/840	PSD	MB	C-2R	WH			56.0	134	A		1	910500460305
4MX900	LED75S/840	PSD	MB	C-2R	WH			56.0	134	A		1, 3	910500460323
4MX900	LED75S/840	PSD	NB	C-2R	WH			56.0	134	A		1, 3	910500460324
4MX900	LED75S/840	PSD	NB	C-2R	WH			56.0	134	A		1	910500460306
4MX900	LED75S/840	PSD	WB	C-2R	WH			56.0	134	A		1	910500460307
4MX900	LED75S/840	PSD	WB	C-2R	WH			56.0	134	A		1, 3	910500460325
4MX900	LED75S/840	PSD-CLO	DA20	CU5	WH			56.0	134	A		1	910500460301
4MX900	LED75S/840	PSD-CLO	DA20	CU5	WH			56.0	134	A		1, 3	910500460320
4MX900	LED75S/840	PSD-CLO	NB	CU5	WH			56.0	134	A		1	910500460302
4MX900	LED75S/840	PSD-CLO	NB	CU5	WH			56.0	134	A		1, 3	910500460321
4MX900	LED75S/840	PSD-CLO	WB	CU5	WH			56.0	134	A		1	910500460303
4MX916	1 LED75S/830	PSD	WB	C-2R	WH		EL1-3	65.5	115	A	A-E	3	910500457256
4MX916	LED50S/840	PSD	DA20	C-2R	WH			40.0	125	A		3	910500460346
4MX916	LED50S/840	PSD	DA20	C-2R	WH			40.0	125	A		1, 3	910500460330
4MX916	LED50S/840	PSD	MB	C-2R	WH			40.0	125	A		1, 3	910500460331

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Con-nec-tion[5]	Accessory color[6]	Em-bedded con-trol[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX916	LED50S/840	PSD	MB	C-2R	WH			40.0	125	A		3	910500460347
4MX916	LED50S/840	PSD	NB	C-2R	WH			40.0	125	A		3	910500460348
4MX916	LED50S/840	PSD	NB	C-2R	WH			40.0	125	A		1, 3	910500460332
4MX916	LED50S/840	PSD	WB	C-2R	WH			40.0	125	A		3	910500460349
4MX916	LED50S/840	PSD	WB	C-2R	WH			40.0	125	A		1	910500460333
4MX916	LED50S/840	PSU	DA20	CU5	WH			40.0	125	A		1, 3	910500460326
4MX916	LED50S/840	PSU	DA20	CU5	WH			40.0	125	A		3	910500460342
4MX916	LED50S/840	PSU	MB	CU5	WH			40.0	125	A		3	910500460343
4MX916	LED50S/840	PSU	MB	CU5	WH			40.0	125	A		1, 3	910500460327
4MX916	LED50S/840	PSU	NB	CU5	WH			40.0	125	A		3	910500460344
4MX916	LED50S/840	PSU	NB	CU5	WH			40.0	125	A		1, 3	910500460328
4MX916	LED50S/840	PSU	WB	CU5	WH			40.0	125	A		1, 3	910500460329
4MX916	LED75S/840	PSD	DA20	C-2R	WH			61.5	122	A		3	910500460354
4MX916	LED75S/840	PSD	MB	C-2R	WH			61.5	122	A		3	910500460355
4MX916	LED75S/840	PSD	NB	C-2R	WH			61.5	122	A		3	910500460356
4MX916	LED75S/840	PSD	WB	C-2R	WH			61.5	122	A		3	910500460357
4MX933	LED50S/840	PSD	DA20	C-2R	WH			40.0	125	A		1	910500460362
4MX933	LED50S/840	PSD	DA20	C-2R	WH			40.0	125	A		3	910500460378
4MX933	LED50S/840	PSD	MB	C-2R	WH			40.0	125	A		3	910500460379
4MX933	LED50S/840	PSD	MB	C-2R	WH			40.0	125	A		1	910500460363
4MX933	LED50S/840	PSD	NB	C-2R	WH			40.0	125	A		3	910500460380
4MX933	LED50S/840	PSD	NB	C-2R	WH			40.0	125	A		1	910500460364
4MX933	LED50S/840	PSD	WB	C-2R	WH			40.0	125	A		1	910500460365
4MX933	LED50S/840	PSD	WB	C-2R	WH			40.0	125	A		3	910500460381
4MX933	LED50S/840	PSU	DA20	CU5	WH			40.0	125	A		1	910500460358
4MX933	LED50S/840	PSU	DA20	CU5	WH			40.0	125	A		3	910500460374
4MX933	LED50S/840	PSU	MB	CU5	WH			40.0	125	A		1	910500460359
4MX933	LED50S/840	PSU	MB	CU5	WH			40.0	125	A		3	910500460375
4MX933	LED50S/840	PSU	NB	CU5	WH			40.0	125	A		1	910500460360
4MX933	LED50S/840	PSU	WB	CU5	WH			40.0	125	A		3	910500460377
4MX933	LED50S/840	PSU	WB	CU5	WH			40.0	125	A		1	910500460361
4MX933	LED75S/840	PSD	DA20	C-2R	WH			61.5	122	A		1	910500460370
4MX933	LED75S/840	PSD	DA20	C-2R	WH			61.5	122	A		3	910500460386
4MX933	LED75S/840	PSD	MB	C-2R	WH			61.5	122	A		1	910500460371
4MX933	LED75S/840	PSD	MB	C-2R	WH			61.5	122	A		3	910500460387
4MX933	LED75S/840	PSD	NB	C-2R	WH			61.5	122	A		3	910500460388
4MX933	LED75S/840	PSD	NB	C-2R	WH			61.5	122	A		1	910500460372
4MX933	LED75S/840	PSD	WB	C-2R	WH			61.5	122	A		1	910500460373
4MX933	LED75S/840	PSD	WB	C-2R	WH			61.5	122	A		3	910500460389

[1] 'Type' value description(s): '4MX900' = Maxos LED Performer, '4MX916' = MAXOS LED PERFORMER EM 1H6S, '4MX933' = MAXOS LED PERFORMER EM

[2] 'Lamp' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED50S' = LED Module, system flux 5 000 lm, 'LED60S' = LED Module, system flux 6 000 lm, 'LED75S' = LED Module, system flux 7 500 lm, 'LED90S' = LED module, system flux 9 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'A30' = Asymmetrical mirror axis angle 30°, 'DA20' = Double asymmetric optic 20°, 'DA30' = Double asymmetric optic 30°, 'MB' = Medium beam, 'NB' = Narrow beam, 'WB' = Wide beam

[5] 'Connection' value description(s): 'C-2R' = Connector with 2 additional wires for light regulation, 'CU3' = Connection unit 3-pole, 'CU5' = Connection unit 5-pole

[6] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[7] 'Embedded control' value description(s): 'CLO' = Constant light output

[8] 'Emergency lighting' value description(s): 'EL1-3' = Emergency lighting 1 hour duration 300 lm

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
4MX900	50-60	220 to 240	+/-10%	0.9	0.065	4.5	67.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.065	4.5	71.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	28.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	30.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	35.5	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	41.5	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	44.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	56.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
4MX900	50-60	220 to 240	+/-10%	0.9	0.280	21.0	60.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	28.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	30.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	32.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	35.5	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	37.0	1	70 000	50 000	25 000
4MX900	50-60	220 to 240	+/-10%	0.9	0.282	17.8	56.0	1	70 000	50 000	25 000
4MX900	50-60	220-240	+/-10%	0.9	0.280	21.0	35.5	1	70 000	50 000	25 000
4MX916	50-60	220 to 240	+/-10%	0.9	0.280	21.0	40.0	1	70 000	50 000	25 000
4MX916	50-60	220 to 240	+/-10%	0.9	0.280	21.0	61.5	1	70 000	50 000	25 000
4MX916	50-60	220 to 240	+/-10%	0.9	0.280	21.0	65.5	1	70 000	50 000	25 000
4MX916	50-60	220 to 240	+/-10%	0.9	0.282	17.8	40.0	1	70 000	50 000	25 000
4MX933	50-60	220 to 240	+/-10%	0.9	0.280	21.0	40.0	1	70 000	50 000	25 000
4MX933	50-60	220 to 240	+/-10%	0.9	0.280	21.0	61.5	1	70 000	50 000	25 000
4MX933	50-60	220 to 240	+/-10%	0.9	0.282	17.8	40.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
4MX900	LED40S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	125	4 000	+/-10%
4MX900	LED40S	830	3000	≥80	30	(0.43, 0.40) SDCM <3.5	125	4 000	+/-10%
4MX900	LED40S	830	3000	≥80	70	(0.43, 0.40) SDCM <3.5	125	4 000	+/-10%
4MX900	LED40S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	125	4 000	+/-10%
4MX900	LED40S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	143	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	143	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	143	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	143	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	133	4 000	+/-10%
4MX900	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	143	4 000	+/-10%
4MX900	LED50S	830	3000	≥80	30	(0.43, 0.40) SDCM <3.5	135	5 000	+/-10%
4MX900	LED50S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	141	5 000	+/-10%
4MX900	LED50S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	141	5 000	+/-10%
4MX900	LED50S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	141	5 000	+/-10%
4MX900	LED50S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	141	5 000	+/-10%
4MX900	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	141	5 000	+/-10%
4MX900	LED60S	830	3000	≥80	70	(0.43, 0.40) SDCM <3.5	136	6 000	+/-10%
4MX900	LED60S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	136	6 000	+/-10%
4MX900	LED60S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	145	6 000	+/-10%
4MX900	LED60S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	145	6 000	+/-10%
4MX900	LED60S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	145	6 000	+/-10%
4MX900	LED60S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	145	6 000	+/-10%
4MX900	LED60S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	145	6 000	+/-10%
4MX900	LED75S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	125	7 500	+/-10%
4MX900	LED75S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	134	7 500	+/-10%
4MX900	LED75S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	134	7 500	+/-10%
4MX900	LED75S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	134	7 500	+/-10%
4MX900	LED75S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	134	7 500	+/-10%
4MX900	LED75S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	134	7 500	+/-10%
4MX900	LED90S	830	3000	≥80	30	(0.43, 0.40) SDCM <3.5	127	9 000	+/-10%
4MX900	LED90S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	127	9 000	+/-10%
4MX900	LED90S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	134	9 000	+/-10%
4MX900	LED90S	840	4000	≥80	30	(0.38, 0.38) SDCM <3.5	134	9 000	+/-10%
4MX900	LED90S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	134	9 000	+/-10%
4MX900	LED90S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	134	9 000	+/-10%
4MX900	LED90S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	134	9 000	+/-10%
4MX916	LED50S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%

More data see next page

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
4MX916	LED50S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX916	LED50S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX916	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX916	LED75S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	115	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX933	LED50S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX933	LED50S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX933	LED50S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX933	LED50S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	125	5 000	+/-10%
4MX933	LED75S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX933	LED75S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX933	LED75S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX933	LED75S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%

[9] 'Lamp family code' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED50S' = LED Module, system flux 5 000 lm, 'LED60S' = LED Module, system flux 6 000 lm, 'LED75S' = LED Module, system flux 7 500 lm, 'LED90S' = LED module, system flux 9 000 lm

[10] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
4MX900	I	IP40	IK02	CE	ENEC	D	650/30	ROHS
4MX916	I	IP40	IK02	CE	ENEC	D	650/30	ROHS
4MX933	I	IP40	IK02	CE	ENEC	D	650/30	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I

[12] 'IP Classification' value description(s): 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[15] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



Guaranteed performance, thinking ahead

Maxos fusion is an adaptable LED trunking system that offers an excellent quality of light while more than halving energy costs compared to fluorescent lamps. For retail applications, a family of linear panels, non-linear modules and a spot portfolio can be smoothly integrated into the track backbone to let your merchandise sparkle and stand out. For industrial applications, the focus is on reducing installation and maintenance cost by using fewer linear panels. With the electrical set-up of up to 13 wires, the freedom to position these fixtures as required and the integration of other services/third-party hardware, the system allows you to reduce ceiling clutter. It can also be easily re-configured to accommodate future lay-out changes. The infrastructure is enabled to integrate sensors for data collection, giving you the opportunity to use insightful granular information to support your business.

Product Range


A


B


C


D


E


F


G

Detailed Photos

Maxos_Fusion_Panel-LL512X_WH-DP01.tif


A

Maxos_Fusion_Panel-LL512X_WH-DP06.tif


B

Maxos_Fusion_Panel-LL512X_PCO_WH-DP03.tif


C

Maxos_Fusion_Panel-LL512X_PCO_WH-DP.tif


D

Maxos_Fusion_Panel-LL512X_WB_WH-DP02.tif


E

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F

Maxos_Fusion_Panel-LL512X_WH-DP07.tif


G

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H

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I

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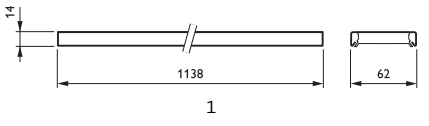
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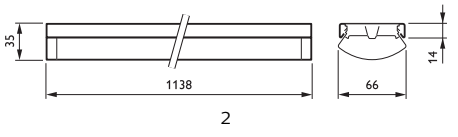


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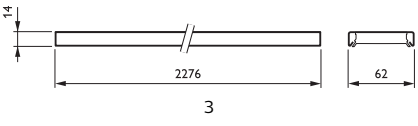
Dimension Drawing



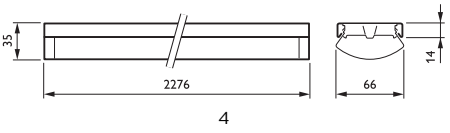
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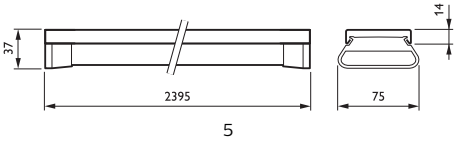
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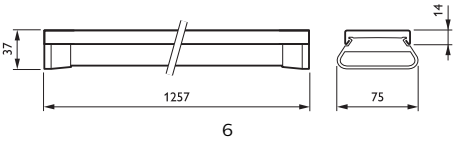
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4



5



6

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
LL512X	1 LED31S/840	PSD	DA-NB	CU7	WH	21	147	A	A, B	1	258**64336**
LL512X	LED31S/840	PSD	DA-WB	CU7	WH	21	147	A	A, B	1	258**64330**
LL512X	LED31S/840	PSD	DA35-WB	CU7	WH	21	147	A	A, B	1	258**64324**
LL512X	LED31S/840	PSD	MB	CU7	WH	21	147	A	A, B	1	258**64312**
LL512X	LED31S/840	PSD	S	CU7	WH	21	128	B	A-D	2	258**64293**
LL512X	LED31S/840	PSD	WB	CU7	BK	21	147	C		1	258**64354**
LL512X	LED31S/840	PSD	WB	CU7	SI	21	147	D		1	258**64348**
LL512X	LED31S/840	PSD	WB	CU7	WH	21	147	A	A, B, E, F	1	258**64303**
LL512X	LED31S/840	PSED-E	S	CU7	WH	21	128	B	A-D	2	258**64299**
LL512X	LED31S/840	PSED-E	WB	CU7	WH	21	147	A	A, B, E, F	1	258**64309**
LL512X	LED50S/835	PSD	WB	CU7	WH	36	139	A		1	258**64624**
LL512X	LED50S/840	PSD	DA-NB	CU7	WH	36	138	A	A, B	1	258**64337**
LL512X	LED50S/840	PSD	DA-WB	CU7	WH	36	138	A	A, B	1	258**64331**
LL512X	LED50S/840	PSD	DA35-WB	CU7	WH	36	138	A	A, B	1	258**64325**
LL512X	LED50S/840	PSD	MB	CU7	WH	36	138	A	A, B	1	258**64313**
LL512X	LED50S/840	PSD	S	CU7	WH	36	119	B	A, B, D	2	258**64294**
LL512X	LED50S/840	PSD	WB	CU7	BK	36	138	C		1	258**64355**
LL512X	LED50S/840	PSD	WB	CU7	SI	36	138	D		1	258**64349**
LL512X	LED50S/840	PSD	WB	CU7	WH	36	138	A	A, B	1	258**64304**
LL512X	LED50S/840	PSED-E	S	CU7	WH	36	119	B	A-D	2	258**64301**
LL512X	LED50S/840	PSED-E	WB	CU7	WH	36	138	A	A, B, E, F	1	258**64310**
LL512X	LED61S/840	PSD	A	CU7	WH	45	135	A	A, B	1	258**64344**
LL512X	LED61S/840	PSD	DA-NB	CU7	WH	45	135	A	A, B	1	258**64338**
LL512X	LED61S/840	PSD	DA-WB	CU7	WH	45	135	A	A, B	1	258**64332**
LL512X	LED61S/840	PSD	DA35-WB	CU7	WH	45	135	A	A, B	1	258**64326**
LL512X	LED61S/840	PSD	MB	CU7	WH	45	135	A	A, B	1	258**64314**
LL512X	LED61S/840	PSD	NB	CU7	WH	45	135	A	A, B	1	258**64320**
LL512X	LED61S/840	PSD	S	CU7	WH	45	117	B	A-D	2	258**64295**
LL512X	LED61S/840	PSD	WB	CU7	BK	45	135	C		1	258**64356**
LL512X	LED61S/840	PSD	WB	CU7	SI	45	135	D		1	258**64350**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
LL512X	LED61S/840	PSD	WB	CU7	WH	45	135	A	A, B, E, F	1	258**64305**
LL512X	LED61S/840	PSD	XNB	CU7	WH	45	137	A		1	258**64626**
LL512X	LED61S/840	PSED-E	S	CU7	WH	41	117	B	A-D	2	258**64302**
LL512X	LED61S/840	PSED-E	WB	CU7	WH	45	135	A	A, B, E, F	1	258**64311**
LL523X	LED62S/840	PSD	DA-NB	CU7	WH	41	151	E	G	3	258**64339**
LL523X	LED62S/840	PSD	DA-WB	CU7	WH	41	151	E	G	3	258**64333**
LL523X	LED62S/840	PSD	DA35-WB	CU7	WH	41	151	E	G	3	258**64327**
LL523X	LED62S/840	PSD	MB	CU7	WH	41	151	E	G	3	258**64315**
LL523X	LED62S/840	PSD	NB	CU7	WH	41	151	E	G	3	258**64321**
LL523X	LED62S/840	PSD	S	CU7	WH	41	129	B	G	4	258**64296**
LL523X	LED62S/840	PSD	WB	CU7	BK	41	151	C		3	258**64357**
LL523X	LED62S/840	PSD	WB	CU7	SI	41	151	E		3	258**64351**
LL523X	LED62S/840	PSD	WB	CU7	WH	41	151	E	G	3	258**64306**
LL523X	LED100S/835	PSD	WB	CU7	WH	71	141	E		3	258**64625**
LL523X	LED100S/840	PSD	A	CU7	WH	71	140	E	G	3	258**64346**
LL523X	LED100S/840	PSD	DA-NB	CU7	WH	71	140	E	G	3	258**64340**
LL523X	LED100S/840	PSD	DA-WB	CU7	WH	71	140	E	G	3	258**64334**
LL523X	LED100S/840	PSD	DA35-WB	CU7	WH	71	140	E	G	3	258**64328**
LL523X	LED100S/840	PSD	MB	CU7	WH	71	140	E	G	3	258**64316**
LL523X	LED100S/840	PSD	NB	CU7	WH	71	140	E	G	3	258**64322**
LL523X	LED100S/840	PSD	S	CU7	WH	71	121	B	G	4	258**64297**
LL523X	LED100S/840	PSD	WB	CU7	BK	71	140	C		3	258**64358**
LL523X	LED100S/840	PSD	WB	CU7	SI	71	140	D		3	258**64352**
LL523X	LED100S/840	PSD	WB	CU7	WH	71	140	E	G	3	258**64307**
LL523X	LED100S/840	PSD	XNB	CU7	WH	71	141	E		3	258**64627**
LL523X	LED123S/840	PSD	A	CU7	WH	89	138	E	G	3	258**64347**
LL523X	LED123S/840	PSD	DA-NB	CU7	WH	89	138	E	G	3	258**64341**
LL523X	LED123S/840	PSD	DA-WB	CU7	WH	89	138	E	G	3	258**64335**
LL523X	LED123S/840	PSD	DA35-WB	CU7	WH	89	138	E	G	3	258**64329**
LL523X	LED123S/840	PSD	MB	CU7	WH	89	138	E	G	3	258**64317**
LL523X	LED123S/840	PSD	NB	CU7	WH	89	138	E	G	3	258**64323**
LL523X	LED123S/840	PSD	S	CU7	WH	89	119	B	G	4	258**64298**
LL523X	LED123S/840	PSD	WB	CU7	BK	89	138	C		3	258**64359**
LL523X	LED123S/840	PSD	WB	CU7	SI	89	138	E		3	258**64353**
LL523X	LED123S/840	PSD	WB	CU7	WH	89	138	E	G	3	258**64308**
LL523X	LED123S/840	PSD	XNB	CU7	WH	89	138	E		3	258**64628**
LL523X	LED160S/830	PSD	MB	CU7	WH	125	128	E	G	3	258**65540**
LL523X	LED160S/830	PSD	NB	CU7	WH	125	128	E	G	3	258**65541**
LL523X	LED160S/830	PSD	XNB	CU7	WH	125	128	E	G	3	258**65542**
LL523X	LED160S/840	PSD	MB	CU7	WH	127	128	E	G	3	258**65537**
LL523X	LED160S/840	PSD	NB	CU7	WH	127	128	E	G	3	258**65538**
LL523X	LED160S/840	PSD	XNB	CU7	WH	127	128	E	G	3	258**65539**
LL612X	LED61S/840	PSD	MB	CU7	WH	45	135	F	H-J	3	258**64378**
LL612X	LED61S/840	PSD	NB	CU7	WH	45	135	F	H-J	3	258**64379**
LL612X	LED61S/840	PSD	WB	CU7	WH	45	135	F	H-J	3	258**64377**
LL623X	LED123S/840	PSD	MB	CU7	WH	89	138	G	H, I, K	5	258**64381**
LL623X	LED123S/840	PSD	NB	CU7	WH	89	138	G	H, I, K	6	258**64382**
LL623X	LED123S/840	PSD	WB	CU7	WH	89	138	G	H, I, K	5	258**64380**

[1] 'Type' value description(s): '**LL512X**' = Maxos fusion Panel, '**LL523X**' = Maxos fusion Panel, '**LL612X**' = Maxos fusion IP54 Panel, '**LL623X**' = Maxos fusion IP54 Panel

[2] 'Lamp' value description(s): '**LED31S**' = LED Module, system flux 3 100 lm, '**830**' = 830 warm white, '**835**' = 835 neutral white, '**840**' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSED-E**' = Power supply unit with DALI interface external, DC compatible for central emergency lighting

[4] 'Optic type' value description(s): '**A**' = Asymmetrical mirror, '**DA-NB**' = Double asymmetric optic narrow beam, '**DA-WB**' = Double asymmetric optic wide beam, '**DA35-WB**' = Double asymmetric optic 35° wide beam, '**MB**' = Medium beam, '**NB**' = Narrow beam, '**S**' = Symmetrical, '**WB**' = Wide beam, '**XNB**' = Extra narrow beam

[5] 'Connection' value description(s): '**CU7**' = Connection unit 7-pole

[6] 'Accessory color' value description(s): '**BK**' = Black, '**SI**' = Silver, '**WH**' = White

Accessory Range

Maxos fusion Electrical



A

Maxos fusion Electrical



B

LL500Z



C

LL600Z

D

LL500Z



E

LL500Z

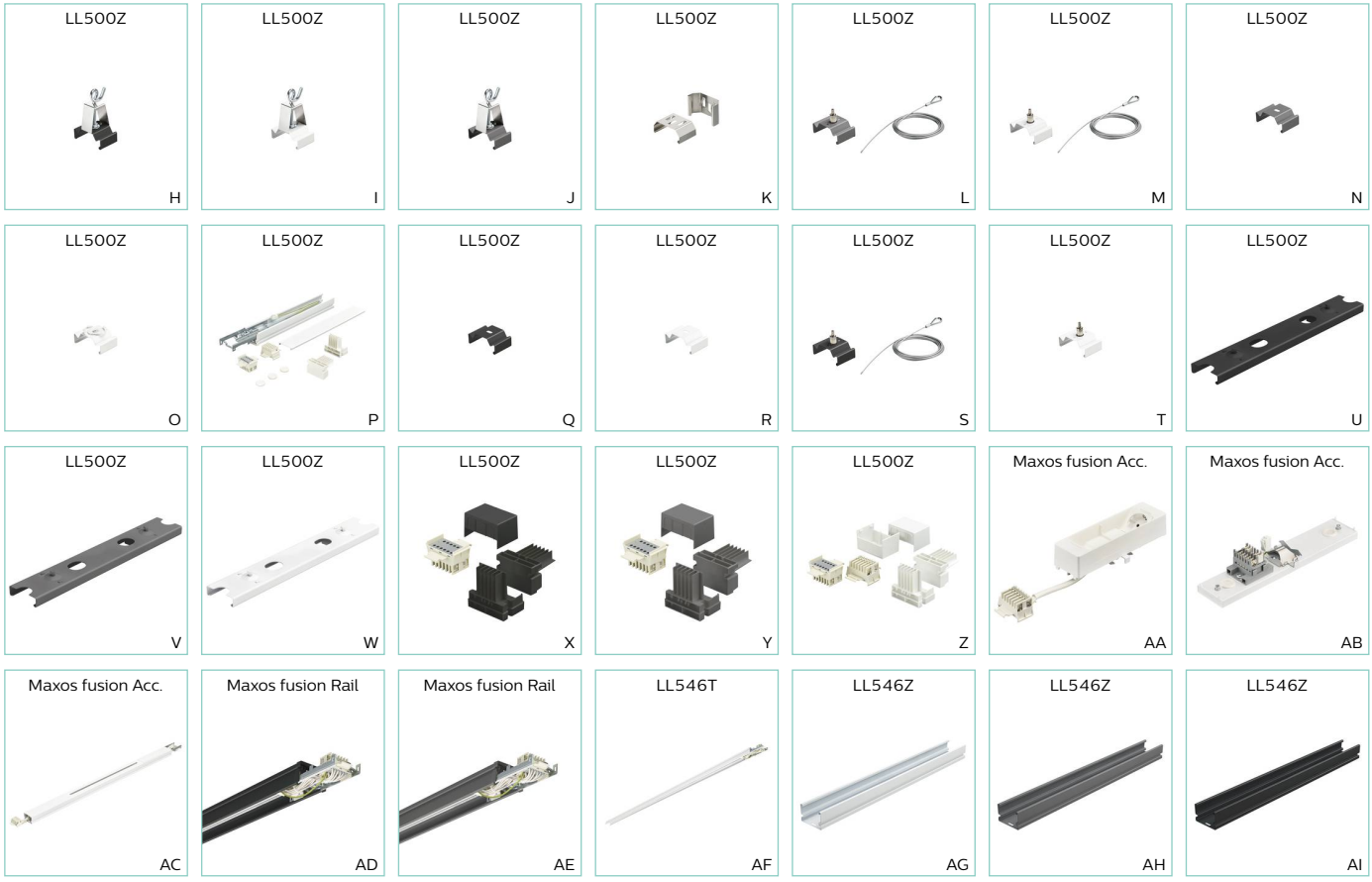


F

LL500Z



G



Accessory Specification

Type[7]	Input Frequency (Hz)	Circuit[8]	Material[9]	CE mark	Mech. impact protection code[10]	IP Classification[11]	Protection class IEC[12]	Electrical accessories[13]	Mechanical accessories[14]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
LL500E				CE	IK00			IPT-CG		A	NO / 18	258**64256**
LL500E	50-60		PP	CE	IK00	IP20		ACW		B	UNP / 1	258**64255**
LL500Z			PP	CE	IK00					C	UNP / 1	258**64237**
LL500Z			PP	CE	IK00					D	UNP / 1	258**64236**
LL500Z			PP	CE	IK00					E	UNP / 1	258**64238**
LL500Z			SS	CE	IK00					F	NO / 30	258**64253**
LL500Z			SS	CE	IK00					F	NO / 30	258**64252**
LL500Z			SS	CE	IK00					F	NO / 30	258**64254**
LL500Z			SS	CE	IK00					G	NO / 6	258**64249**
LL500Z			SS	CE	IK00					H	NO / 15	258**64235**
LL500Z			SS	CE	IK00					I	NO / 15	258**64233**
LL500Z			SS	CE	IK00					J	NO / 15	258**64234**
LL500Z			SS	CE	IK00					K	NO / 40	258**64239**
LL500Z			SS	CE	IK00					L	NO / 20	258**64231**
LL500Z			SS	CE	IK00					M	NO / 20	258**64230**
LL500Z			SS	CE	IK00					N	NO / 40	258**64219**
LL500Z			SS	CE	IK00					O	NO / 40	258**64227**
LL500Z			SS	CE	IK00					P	UNP / 1	258**64208**
LL500Z			SS	CE	IK00					Q	NO / 40	258**64220**
LL500Z			SS	CE	IK00					R	NO / 40	258**64218**
LL500Z			SS	CE	IK00					S	NO / 20	258**64232**
LL500Z			SS	CE	IK00					T	NO / 40	258**64221**
LL500Z			SS	CE	IK00					U	UNP / 1	258**64213**
LL500Z			SS	CE	IK00					P	UNP / 1	258**64201**
LL500Z			SS	CE	IK00					V	UNP / 1	258**64212**
LL500Z			SS	CE	IK00					W	UNP / 1	258**64211**
LL500Z	50-60			CE	IK00			CU	2XEP	X	NO / 6	258**64216**
LL500Z	50-60			CE	IK00			CU	2XEP	Y	NO / 6	258**64215**
LL500Z	50-60			CE	IK00			CU	2XEP	Z	NO / 6	258**64214**

More data see next page

Type[7]	Input Frequency (Hz)	Circuit[8]	Material[9]	CE mark	Mech. impact protection code[10]	IP Classification[11]	Protection class IEC[12]	Electrical accessories[13]	Mechanical accessories[14]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
LL500Z	50-60		PC	CE	IK02	IP20	I	MOD-DE		AA	UNP / 1	258**65359**
LL500Z	50-60		PC	CE	IK02	IP20	I	MOD-FR		AA	UNP / 1	258**65361**
LL500Z	50-60		PC	CE	IK02	IP20	I	MOD-UK		AA	UNP / 1	258**65360**
LL500Z	50-60		SS	CE	IK02	IP20	I	BA		AB	UNP / 1	258**65356**
LL500Z	50-60	3C	ALU	CE	IK02	IP20	I			AC	UNP / 1	258**65353**
LL512T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64654**
LL512T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64651**
LL512T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**65347**
LL512T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64258**
LL512T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64257**
LL512T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64269**
LL512T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64263**
LL512Z			SS	CE	IK00					AG	NO / 10	258**64240**
LL512Z			SS	CE	IK00					AH	NO / 10	258**64241**
LL523T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64649**
LL523T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64655**
LL523T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64652**
LL523T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64271**
LL523T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64259**
LL523T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64265**
LL523T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64260**
LL523Z			SS	CE	IK00					AH	NO / 10	258**64244**
LL523Z			SS	CE	IK00					AG	NO / 10	258**64243**
LL546T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64650**
LL546T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64653**
LL546T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64656**
LL546T	50-60		STL	CE	IK02	IP20	I			AD	NO / 10	258**64273**
LL546T	50-60		STL	CE	IK02	IP20	I			AE	NO / 10	258**64267**
LL546T	50-60		STL	CE	IK02	IP20	I			AF	NO / 10	258**64261**
LL546T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64262**
LL546Z			SS	CE	IK00					AH	NO / 10	258**64247**
LL546Z			SS	CE	IK00					AI	NO / 10	258**64248**
LL546Z			SS	CE	IK00					AG	NO / 10	258**64246**
LL600Z										D	NO / 32	258**64958**
LL600Z										D	NO / 32	258**64957**
LL600Z										D	NO / 8	258**64956**
LL600Z										D	NO / 32	258**64763**
LL623T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64657**
LL623T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64278**
LL623T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64277**
LL646T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**65348**
LL646T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64280**
LL646T	50-60		STL	CE	IK02	IP54	I			AF	NO / 10	258**64279**

[7] 'Type' value description(s): 'LL500E' = Maxos fusion Electrical, 'LL500Z' = Maxos fusion Acc., 'LL512T' = Maxos fusion Rail, 'LL512Z' = Maxos fusion Acc., 'LL523T' = Maxos fusion Rail, 'LL523Z' = Maxos fusion Acc., 'LL546T' = Maxos fusion Rail, 'LL546Z' = Maxos fusion Acc., 'LL600Z' = Maxos fusion Acc., 'LL623T' = Maxos fusion Rail, 'LL646T' = Maxos fusion Rail

[8] 'Circuit' value description(s): '3C' = 3-circuit track

[9] 'Material' value description(s): 'ALU' = Aluminum, 'PC' = Polycarbonate, 'PP' = Polypropylene, 'SS' = Stainless steel, 'STL' = Steel

[10] 'Mech. impact protection code' value description(s): 'IK00' = No protection, 'IK02' = 0.2 J standard

[11] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP54' = Dust accumulation-protected, splash-proof

[12] 'Protection class IEC' value description(s): 'I' = Safety class I

[13] 'Electrical accessories' value description(s): 'ACW' = Actilume wireless, 'BA' = Baseplate, 'CU' = Connection unit, 'IPT-CG' = Infrared programming transmitter with commissioning guide (booklet), 'MOD-DE' = Mains outlet socket, double, German version, 'MOD-FR' = Mains outlet socket, double, French version, 'MOD-UK' = Mains outlet socket, double, UK version

[14] 'Mechanical accessories' value description(s): '2XEP' = 2 end pieces

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
LL512X	50-60	220-240	+/-11%	0.97	0.28	21.0	21	0.5	70 000	50 000	25 000
LL512X	50-60	220-240	+/-11%	0.97	0.28	21.0	36	0.5	70 000	50 000	25 000
LL512X	50-60	220-240	+/-11%	0.97	0.28	21.0	41	0.5	70 000	50 000	25 000
LL512X	50-60	220-240	+/-11%	0.97	0.28	21.0	45	0.5	70 000	50 000	25 000
LL512X	50-60	220-240	+/-11%	0.97	1.00	4.5	45	0.5	100 000	65 000	30 000
LL523X	50-60	220-240	+/-11%	0.97	0.28	21.0	41	0.5	70 000	50 000	25 000
LL523X	50-60	220-240	+/-11%	0.97	1.00	4.5	71	0.5	70 000	50 000	25 000
LL523X	50-60	220-240	+/-11%	0.97	1.00	4.5	71	0.5	100 000	65 000	30 000
LL523X	50-60	220-240	+/-11%	0.97	1.00	4.5	89	0.5	70 000	50 000	25 000
LL523X	50-60	220-240	+/-11%	0.97	1.00	4.5	89	0.5	100 000	65 000	30 000
LL523X	50-60	220-240	+/-11%	0.99	0.76	5.1	125	0.5	90 000	56 500	26 600
LL523X	50-60	220-240	+/-11%	0.99	0.76	5.1	127	0.5	90 000	56 500	26 600
LL612X	50-60	220-240	+/-11%	0.97	0.28	21.0	45	0.5	70 000	50 000	25 000
LL623X	50-60	220-240	+/-11%	0.97	1.00	4.5	89	0.5	70 000	50 000	25 000

Light technical data

Type	Lamp family code[15]	Light source color[16]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
LL512X	LED31S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	147	3 100	+/-7%
LL512X	LED31S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	147	3 100	+/-7%
LL512X	LED31S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	147	3 100	+/-7%
LL512X	LED31S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	147	3 100	+/-7%
LL512X	LED31S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	128	2 700	+/-7%
LL512X	LED31S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	147	3 100	+/-7%
LL512X	LED50S	835	3500	>80	85x85	(0.34, 0.35) SDCM <3	139	5 000	+/-7%
LL512X	LED50S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	138	5 000	+/-7%
LL512X	LED50S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	138	5 000	+/-7%
LL512X	LED50S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	138	5 000	+/-7%
LL512X	LED50S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	138	5 000	+/-7%
LL512X	LED50S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	119	4 300	+/-7%
LL512X	LED50S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	138	5 000	+/-7%
LL512X	LED61S	840	4000	>80	18x35	(0.34, 0.35) SDCM <3	137	6 100	+/-7%
LL512X	LED61S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	50x78	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL512X	LED61S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	117	5 300	+/-7%
LL512X	LED61S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL523X	LED62S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED62S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED62S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED62S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED62S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED62S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	129	5 300	+/-7%
LL523X	LED62S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	151	6 200	+/-7%
LL523X	LED100S	835	3500	>80	85x85	(0.34, 0.35) SDCM <3	141	10 000	+/-7%
LL523X	LED100S	840	4000	>80	18x35	(0.34, 0.35) SDCM <3	141	10 000	+/-7%
LL523X	LED100S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	50x78	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED100S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	121	8 600	+/-7%
LL523X	LED100S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	140	10 100	+/-7%
LL523X	LED123S	840	4000	>80	18x35	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	50x78	(0.34, 0.35) SDCM <3	138	12 300	+/-7%

More data see next page

Type	Lamp family code[15]	Light source color[16]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
LL523X	LED123S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	72x90	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	86x92	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED123S	840	4000	>80	90x100	(0.34, 0.35) SDCM <3	119	10 600	+/-7%
LL523X	LED123S	840	4000	>80	104x98	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL523X	LED160S	830	3000	>80	18x35	(0.4314,0.4000) SDCM	128	16 000	+/-7%
LL523X	LED160S	830	3000	>80	37x49	(0.4314,0.4000) SDCM	128	16 000	+/-7%
LL523X	LED160S	830	3000	>80	66x80	(0.4314,0.4000) SDCM	128	16 000	+/-7%
LL523X	LED160S	840	4000	>80	18x35	(0.34, 0.35) SDCM <3	128	16 000	+/-7%
LL523X	LED160S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	128	16 000	+/-7%
LL523X	LED160S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	128	16 000	+/-7%
LL612X	LED61S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL612X	LED61S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL612X	LED61S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	135	6 100	+/-7%
LL623X	LED123S	840	4000	>80	37x49	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL623X	LED123S	840	4000	>80	66x80	(0.34, 0.35) SDCM <3	138	12 300	+/-7%
LL623X	LED123S	840	4000	>80	85x85	(0.34, 0.35) SDCM <3	138	12 300	+/-7%

[15] 'Lamp family code' value description(s): 'LED31S' = LED Module, system flux 3 100 lm

[16] 'Light source color' value description(s): '830' = 830 warm white, '835' = 835 neutral white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[17]	IP Classification[18]	Mech. impact protection code[19]	CE mark	ENEC mark	Flammability mark[20]	Glow-wire test[21] (°C/s)	RoHS mark
LL512X	I	IP20	IK02	CE	ENEC	F	850/30	ROHS
LL523X	I	IP20	IK02	CE	ENEC	F	850/30	ROHS
LL612X	I	IP54	IK02	CE	ENEC	F	850/30	ROHS
LL623X	I	IP54	IK02	CE	ENEC	F	850/30	ROHS

[17] 'Protection class IEC' value description(s): 'I' = Safety class I

[18] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP54' = Dust accumulation-protected, splash-proof

[19] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[20] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[21] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s



Maxos LED Industry – innovative, flexible solution delivers ideal light output

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED Industry offers best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED Industry system comprises exchangeable mid-power LED boards mounted on a standard Maxos trunking rail. A choice of wide and medium-beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: the use of our upgradable LED engine platform makes Maxos LED Industry a truly future-proof solution.

Product Range


A

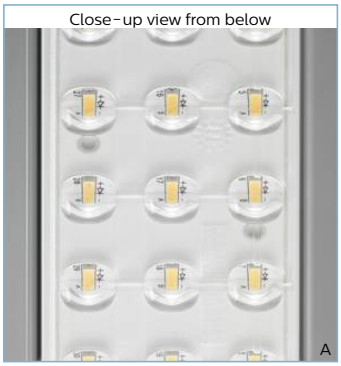

B


C


D

Detailed Photos

Close-up view from below


A

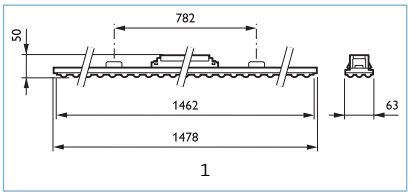
Partial side view


B

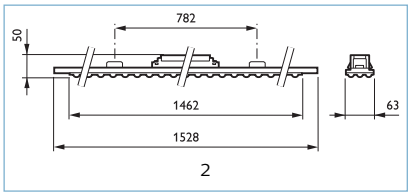
Top view of insert


C

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Acces-sory color[7]	Em-bed-ded con-trol[8]	Emer-gency light-ing[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX850	1 LED40S/830	PSD	A20	PM	CU5	SI			27	148	A	A-C	1	910629161126
4MX850	1 LED40S/830	PSD	A20	PM	CU5	WH			27	148	B	A-C	1	910629161026
4MX850	1 LED40S/830	PSD	DA20	PM	CU5	SI			27	148	A	A-C	1	910629126026
4MX850	1 LED40S/830	PSD	DA20	PM	CU5	SI			27	148	C	A-C	2	910629126226
4MX850	1 LED40S/830	PSD	DA20	PM	CU5	WH			27	148	B	A-C	1	910629125626

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Acces-sory color[7]	Em-bed-ded con-trol[8]	Emer-gency light-ing[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC)
4MX850	1 LED40S/830	PSD	DA20	PM	CU5	WH			27	148	D	A-C	2	910629125826
4MX850	1 LED40S/830	PSD	NB	PM	CU5	SI			27	148	A	A-C	1	910629122426
4MX850	1 LED40S/830	PSD	NB	PM	CU5	SI			27	148	C	A-C	2	910629122826
4MX850	1 LED40S/830	PSD	NB	PM	CU5	WH			27	148	B	A-C	1	910629121626
4MX850	1 LED40S/830	PSD	NB	PM	CU5	WH			27	148	D	A-C	2	910629122026
4MX850	1 LED40S/830	PSD	WB	PM	CU5	SI			27	148	A	A-C	1	910629122626
4MX850	1 LED40S/830	PSD	WB	PM	CU5	SI			27	148	C	A-C	2	910629123026
4MX850	1 LED40S/830	PSD	WB	PM	CU5	WH			27	148	B	A-C	1	910629121826
4MX850	1 LED40S/830	PSD	WB	PM	CU5	WH			27	148	D	A-C	2	910629122226
4MX850	1 LED40S/830	PSU	A20	PM	CU3	SI			27	148	A	A-C	1	910629161926
4MX850	1 LED40S/830	PSU	A20	PM	CU3	WH			27	148	B	A-C	1	910629161726
4MX850	1 LED40S/830	PSU	DA20	PM	CU3	SI			27	148	A	A-C	1	910629154526
4MX850	1 LED40S/830	PSU	DA20	PM	CU3	SI			27	148	C	A-C	2	910629154726
4MX850	1 LED40S/830	PSU	DA20	PM	CU3	WH			27	148	B	A-C	1	910629154126
4MX850	1 LED40S/830	PSU	DA20	PM	CU3	WH			27	148	D	A-C	2	910629154326
4MX850	1 LED40S/830	PSU	NB	PM	CU3	SI			27	148	A	A-C	1	910629152526
4MX850	1 LED40S/830	PSU	NB	PM	CU3	SI			27	148	C	A-C	2	910629152926
4MX850	1 LED40S/830	PSU	NB	PM	CU3	WH			27	148	B	A-C	1	910629151726
4MX850	1 LED40S/830	PSU	NB	PM	CU3	WH			27	148	D	A-C	2	910629152126
4MX850	1 LED40S/830	PSU	WB	PM	CU3	SI			27	148	A	A-C	1	910629152726
4MX850	1 LED40S/830	PSU	WB	PM	CU3	SI			27	148	C	A-C	2	910629153126
4MX850	1 LED40S/830	PSU	WB	PM	CU3	WH			27	148	B	A-C	1	910629151926
4MX850	1 LED40S/830	PSU	WB	PM	CU3	WH			27	148	D	A-C	2	910629152326
4MX850	1 LED40S/840	PSD	A20	PM	CU5	SI			25	160	A	A-C	1	910629161226
4MX850	1 LED40S/840	PSD	A20	PM	CU5	WH			25	160	B	A-C	1	910629160526
4MX850	1 LED40S/840	PSD	DA20	PM	CU5	SI			25	160	A	A-C	1	910629126126
4MX850	1 LED40S/840	PSD	DA20	PM	CU5	SI			25	160	C	A-C	2	910629126326
4MX850	1 LED40S/840	PSD	DA20	PM	CU5	WH			25	160	B	A-C	1	910629125726
4MX850	1 LED40S/840	PSD	DA20	PM	CU5	WH			25	160	D	A-C	2	910629125926
4MX850	1 LED40S/840	PSD	NB	PM	CU5	SI			25	160	A	A-C	1	910629122526
4MX850	1 LED40S/840	PSD	NB	PM	CU5	SI			25	160	C	A-C	2	910629122926
4MX850	1 LED40S/840	PSD	NB	PM	CU5	WH			25	160	B	A-C	1	910629121726
4MX850	1 LED40S/840	PSD	NB	PM	CU5	WH			25	160	D	A-C	2	910629122126
4MX850	1 LED40S/840	PSD	WB	PM	CU5	SI			25	160	A	A-C	1	910629122726
4MX850	1 LED40S/840	PSD	WB	PM	CU5	SI			25	160	C	A-C	2	910629123126
4MX850	1 LED40S/840	PSD	WB	PM	CU5	WH			25	160	B	A-C	1	910629121926
4MX850	1 LED40S/840	PSD	WB	PM	CU5	WH			25	160	D	A-C	2	910629122326
4MX850	1 LED40S/840	PSU	A20	PM	CU3	SI			25	160	A	A-C	1	910629162026
4MX850	1 LED40S/840	PSU	A20	PM	CU3	WH			25	160	B	A-C	1	910629161826
4MX850	1 LED40S/840	PSU	DA20	PM	CU3	SI			25	160	A	A-C	1	910629154626
4MX850	1 LED40S/840	PSU	DA20	PM	CU3	SI			25	160	C	A-C	2	910629154826
4MX850	1 LED40S/840	PSU	DA20	PM	CU3	WH			25	160	B	A-C	1	910629154226
4MX850	1 LED40S/840	PSU	DA20	PM	CU3	WH			25	160	D	A-C	2	910629154426
4MX850	1 LED40S/840	PSU	NB	PM	CU3	SI			25	160	A	A-C	1	910629152626
4MX850	1 LED40S/840	PSU	NB	PM	CU3	SI			25	160	C	A-C	2	910629153026
4MX850	1 LED40S/840	PSU	NB	PM	CU3	WH			25	160	B	A-C	1	910629151826
4MX850	1 LED40S/840	PSU	NB	PM	CU3	WH			25	160	D	A-C	2	910629152226
4MX850	1 LED40S/840	PSU	WB	PM	CU3	SI			25	160	A	A-C	1	910629152826
4MX850	1 LED40S/840	PSU	WB	PM	CU3	SI			25	160	C	A-C	2	910629153226
4MX850	1 LED40S/840	PSU	WB	PM	CU3	WH			25	160	B	A-C	1	910629152026
4MX850	1 LED40S/840	PSU	WB	PM	CU3	WH			25	160	D	A-C	2	910629152426
4MX850	1 LED55S/830	PSD	A20	PM	CU5	SI			35	157	A	A-C	1	910629160826
4MX850	1 LED55S/830	PSD	A20	PM	CU5	WH			35	157	B	A-C	1	910629160726
4MX850	1 LED55S/830	PSD	DA20	PM	CU5	SI			35	157	A	A-C	1	910629125226
4MX850	1 LED55S/830	PSD	DA20	PM	CU5	SI			35	157	C	A-C	2	910629125426
4MX850	1 LED55S/830	PSD	DA20	PM	CU5	WH			35	157	B	A-C	1	910629124826
4MX850	1 LED55S/830	PSD	DA20	PM	CU5	WH			35	157	D	A-C	2	910629125026
4MX850	1 LED55S/830	PSD	NB	PM	CU5	SI			35	157	A	A-C	1	910629120826
4MX850	1 LED55S/830	PSD	NB	PM	CU5	SI			35	157	C	A-C	2	910629121226
4MX850	1 LED55S/830	PSD	NB	PM	CU5	WH			35	157	B	A-C	1	910629120026
4MX850	1 LED55S/830	PSD	NB	PM	CU5	WH			35	157	D	A-C	2	910629120426
4MX850	1 LED55S/830	PSD	WB	PM	CU5	SI			35	157	A	A-C	1	910629121026
4MX850	1 LED55S/830	PSD	WB	PM	CU5	SI			35	157	C	A-C	2	910629121426
4MX850	1 LED55S/830	PSD	WB	PM	CU5	WH			35	157	B	A-C	1	910629120226

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Acces-sory color[7]	Em-bed-ded con-trol[8]	Emer-gency light-ing[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC)
4MX850	1 LED55S/830	PSD	WB	PM	CU5	WH			35	157	D	A-C	2	910629120626
4MX850	1 LED55S/830	PSU	A20	PM	CU3	SI			35	157	A	A-C	1	910629161526
4MX850	1 LED55S/830	PSU	A20	PM	CU3	WH			35	157	B	A-C	1	910629161326
4MX850	1 LED55S/830	PSU	DA20	PM	CU3	SI			35	157	A	A-C	1	910629153726
4MX850	1 LED55S/830	PSU	DA20	PM	CU3	SI			35	157	C	A-C	2	910629153926
4MX850	1 LED55S/830	PSU	DA20	PM	CU3	WH			35	157	B	A-C	1	910629153326
4MX850	1 LED55S/830	PSU	DA20	PM	CU3	WH			35	157	D	A-C	2	910629153526
4MX850	1 LED55S/830	PSU	NB	PM	CU3	SI			35	157	A	A-C	1	910629150926
4MX850	1 LED55S/830	PSU	NB	PM	CU3	SI			35	157	C	A-C	2	910629151326
4MX850	1 LED55S/830	PSU	NB	PM	CU3	WH			35	157	B	A-C	1	910629150126
4MX850	1 LED55S/830	PSU	NB	PM	CU3	WH			35	157	D	A-C	2	910629150526
4MX850	1 LED55S/830	PSU	WB	PM	CU3	SI			35	157	A	A-C	1	910629151126
4MX850	1 LED55S/830	PSU	WB	PM	CU3	SI			35	157	C	A-C	2	910629151526
4MX850	1 LED55S/830	PSU	WB	PM	CU3	WH			35	157	B	A-C	1	910629150326
4MX850	1 LED55S/830	PSU	WB	PM	CU3	WH			35	157	D	A-C	2	910629150726
4MX850	1 LED55S/840	PSD	A20	PM	CU5	SI			33	167	A	A-C	1	910629160926
4MX850	1 LED55S/840	PSD	A20	PM	CU5	WH			33	167	B	A-C	1	910629160626
4MX850	1 LED55S/840	PSD	DA20	PM	CU5	SI			33	167	A	A-C	1	910629125326
4MX850	1 LED55S/840	PSD	DA20	PM	CU5	SI			33	167	C	A-C	2	910629125526
4MX850	1 LED55S/840	PSD	DA20	PM	CU5	WH			33	167	B	A-C	1	910629124926
4MX850	1 LED55S/840	PSD	DA20	PM	CU5	WH			33	167	D	A-C	2	910629125126
4MX850	1 LED55S/840	PSD	DA35	PM	CU5	SI			33	167	A	A-C	1	910629165626
4MX850	1 LED55S/840	PSD	DA35	PM	CU5	SI			33	167	C	A-C	2	910629165726
4MX850	1 LED55S/840	PSD	DA35	PM	CU5	WH			33	167	B	A-C	1	910629165926
4MX850	1 LED55S/840	PSD	DA35	PM	CU5	WH			33	167	D	A-C	2	910629166126
4MX850	1 LED55S/840	PSD	NB	PM	CU5	SI			33	167	A	A-C	1	910629120926
4MX850	1 LED55S/840	PSD	NB	PM	CU5	SI			33	167	C	A-C	2	910629121326
4MX850	1 LED55S/840	PSD	NB	PM	CU5	WH			33	167	B	A-C	1	910629120126
4MX850	1 LED55S/840	PSD	NB	PM	CU5	WH			33	167	D	A-C	2	910629120526
4MX850	1 LED55S/840	PSD	WB	PM	CU5	SI			33	167	A	A-C	1	910629121126
4MX850	1 LED55S/840	PSD	WB	PM	CU5	SI			33	167	C	A-C	2	910629121526
4MX850	1 LED55S/840	PSD	WB	PM	CU5	WH			33	167	B	A-C	1	910629120326
4MX850	1 LED55S/840	PSD	WB	PM	CU5	WH			33	167	D	A-C	2	910629120726
4MX850	1 LED55S/840	PSU	A20	PM	CU3	SI			33	167	A	A-C	1	910629161626
4MX850	1 LED55S/840	PSU	A20	PM	CU3	WH			33	167	B	A-C	1	910629161426
4MX850	1 LED55S/840	PSU	DA20	PM	CU3	SI			33	167	A	A-C	1	910629153826
4MX850	1 LED55S/840	PSU	DA20	PM	CU3	SI			33	167	C	A-C	2	910629154026
4MX850	1 LED55S/840	PSU	DA20	PM	CU3	WH			33	167	B	A-C	1	910629153426
4MX850	1 LED55S/840	PSU	DA20	PM	CU3	WH			33	167	D	A-C	2	910629153626
4MX850	1 LED55S/840	PSU	DA35	PM	CU3	WH			33	167	B	A-C	1	910629165826
4MX850	1 LED55S/840	PSU	NB	PM	CU3	SI			33	167	A	A-C	1	910629151026
4MX850	1 LED55S/840	PSU	NB	PM	CU3	SI			33	167	C	A-C	2	910629151426
4MX850	1 LED55S/840	PSU	NB	PM	CU3	WH			33	167	B	A-C	1	910629150226
4MX850	1 LED55S/840	PSU	NB	PM	CU3	WH			33	167	D	A-C	2	910629150626
4MX850	1 LED55S/840	PSU	WB	PM	CU3	SI			33	167	C	A-C	2	910629151626
4MX850	1 LED55S/840	PSU	WB	PM	CU3	SI			33	167	A	A-C	1	910629151226
4MX850	1 LED55S/840	PSU	WB	PM	CU3	WH			33	167	B	A-C	1	910629150426
4MX850	1 LED55S/840	PSU	WB	PM	CU3	WH			33	167	D	A-C	2	910629150826
4MX850	1 LED66S/830	PSD	DA20	PM	CU5	WH			44	161	B	A-C	1	910629160026
4MX850	1 LED66S/830	PSD	NB	PM	CU5	WH			44	161	B	A-C	1	910629160226
4MX850	1 LED66S/830	PSD	WB	PM	CU5	WH			44	161	B	A-C	1	910629160126
4MX850	1 LED66S/840	PSD	A20	PM	CU5	SI			41	161	A	A-C	1	910629162226
4MX850	1 LED66S/840	PSD	A20	PM	CU5	WH			41	161	B	A-C	1	910629162126
4MX850	1 LED66S/840	PSD	DA20	PM	C-2R	WH			41	161				910500460224
4MX850	1 LED66S/840	PSD	DA20	PM	C-2R	WH			41	161				910500460216
4MX850	1 LED66S/840	PSD	DA20	PM	CU5	WH			41	161	B	A-C	1	910629158026
4MX850	1 LED66S/840	PSD	DA20	PM	CU5	WH			41	161				910500460222
4MX850	1 LED66S/840	PSD	DA35	PM	CU5	WH			41	161	B	A-C	1	910629166026
4MX850	1 LED66S/840	PSD	NB	PM	C-2R	WH			41	161				910500460217
4MX850	1 LED66S/840	PSD	NB	PM	C-2R	WH			41	161	D	A-C	2	910500460009
4MX850	1 LED66S/840	PSD	NB	PM	CU5	WH			41	161	B	A-C	1	910629158226
4MX850	1 LED66S/840	PSD	NB	PM	CU5	WH			41	161	D	A-C	2	910629160426
4MX850	1 LED66S/840	PSD	WB	PM	C-2R	WH			41	161				910500460218
4MX850	1 LED66S/840	PSD	WB	PM	C-2R	WH			41	161	D	A-C	2	910500460010

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Acces-sory color[7]	Em-bed-ded con-trol[8]	Emer-gency light-ing[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC)
4MX850	1 LED66S/840	PSD	WB	PM	CU5	WH			41	161	B	A-C	1	910629**158126**
4MX850	1 LED66S/840	PSD	WB	PM	CU5	WH			41	161	D	A-C	2	910629**160326**
4MX850	1 LED66S/840	PSD-CLO	DA20	PM	CU5	WH			41	161				910500**460226**
4MX850	1 LED66S/840	PSD-CLO	NB	PM	CU5	WH	CLO		41	161				910500**460016**
4MX850	1 LED66S/840	PSD-CLO	WB	PM	CU5	WH	CLO		41	161				910500**460003**
4MX850	1 LED66S/840	PSD-CLO	WB	PM	CU5	WH	CLO		41	161	B		1	910500**460013**
4MX850	1 LED66S/840	PSU	NB	PM	CU5	WH			41	161	B		1	910500**460209**
4MX850	1 LED66S/840	PSU	WB	PM	CU5	WH			41	161	B		1	910629**169726**
4MX850	1 LED80S/840	PSD	DA20	PM	C-2R	WH			53	151				910500**460219**
4MX850	1 LED80S/840	PSD	DA20	PM	C-2R	WH			53	151				910500**460225**
4MX850	1 LED80S/840	PSD	DA20	PM	CU5	WH			53	151				910500**460223**
4MX850	1 LED80S/840	PSD	DA20	PM	CU5	WH			53	151				910500**460215**
4MX850	1 LED80S/840	PSD	NB	PM	C-2R	WH			53	151				910500**460220**
4MX850	1 LED80S/840	PSD	NB	PM	C-2R	WH			53	151	D	A-C	2	910500**460007**
4MX850	1 LED80S/840	PSD	NB	PM	CU5	WH			53	151	D	A-C	2	910500**457964**
4MX850	1 LED80S/840	PSD	NB	PM	CU5	WH			53	151	B	A-C	1	910629**167426**
4MX850	1 LED80S/840	PSD	VWB	PM	CU5	WH			53	151	D	A-C	2	910500**460048**
4MX850	1 LED80S/840	PSD	VWB	PM	CU5	WH			53	151	B	A-C	1	910500**460049**
4MX850	1 LED80S/840	PSD	WB	PM	C-2R	WH			53	151				910500**460221**
4MX850	1 LED80S/840	PSD	WB	PM	C-2R	WH			53	151	D	A-C	2	910500**460008**
4MX850	1 LED80S/840	PSD	WB	PM	CU5	WH			53	151				910500**457965**
4MX850	1 LED80S/840	PSD	WB	PM	CU5	WH			53	151	B	A-C	1	910629**167526**
4MX850	1 LED80S/840	PSD-CLO	DA20	PM	CU5	WH			53	151				910500**460227**
4MX850	1 LED80S/840	PSD-CLO	DA20	PM	CU5	WH	CLO		53	151	B		1	910500**460023**
4MX850	1 LED80S/840	PSD-CLO	NB	PM	CU5	WH	CLO		53	151	B		1	910500**460017**
4MX850	1 LED80S/840	PSD-CLO	WB	PM	CU5	WH	CLO		53	151				910500**460004**
4MX850	1 LED80S/840	PSD-CLO	WB	PM	CU5	WH	CLO		53	151	B		1	910500**460014**
4MX850	1 LED80S/840	PSU	NB	PM	CU3	WH			53	151	B		1	910500**460083**
4MX850	1 LED80S/840	PSU	WB	PM	CU3	WH			53	151	B		1	910500**460214**
4MX850	LED40S/840	PSD	NB		C-2R	WH			25	160	B		1	910500**460537**
4MX850	LED40S/840	PSD	WB		C-2R	WH			25	160	B		1	910500**460420**
4MX850	LED55S/840	PSD	NB		C-2R	WH			33	167	B		1	910500**460538**
4MX850	LED55S/840	PSD	NB		C-2R	WH			33	167	D		1	910500**460393**
4MX850	LED55S/840	PSD	WB		C-2R	WH			33	167	B		1	910500**460391**
4MX850	LED55S/840	PSD	WB		C-2R	WH			33	167	D		1	910500**460595**
4MX850	LED66S/840	PSD	VWB		C-2R	WH			41	161	B		1	910500**460415**
4MX850	LED80S/840	PSD	VWB		C-2R	WH			53	151	B		1	910500**460075**
4MX866	1 LED55S/840	PSD	DA20	PM	C-2R	WH			37	149				910500**460237**
4MX866	1 LED55S/840	PSD	DA20	PM	C-2R	WH			37	149				910500**460250**
4MX866	1 LED55S/840	PSD	DA20	PM	CU5	WH			37	149				910500**460243**
4MX866	1 LED55S/840	PSD	DA20	PM	CU5	WH			37	149				910500**460231**
4MX866	1 LED55S/840	PSD	NB	PM	C-2R	WH			37	149				910500**460238**
4MX866	1 LED55S/840	PSD	NB	PM	CU5	WH			37	149	B			910500**460093**
4MX866	1 LED55S/840	PSD	NB	PM	CU5	WH			37	149				910500**460244**
4MX866	1 LED55S/840	PSD	WB	PM	C-2R	WH			37	149				910500**460080**
4MX866	1 LED55S/840	PSD	WB	PM	C-2R	WH			37	149				910500**460251**
4MX866	1 LED55S/840	PSD	WB	PM	CU5	WH			37	149				910500**460059**
4MX866	1 LED55S/840	PSD	WB	PM	CU5	WH			37	149				910500**460245**
4MX866	1 LED55S/840	PSU	DA20	PM	CU5	WH			37	149				910500**460228**
4MX866	1 LED55S/840	PSU	DA20	PM	CU5	WH			37	149				910500**460241**
4MX866	1 LED55S/840	PSU	NB	PM	CU5	WH			37	149				910500**460229**
4MX866	1 LED55S/840	PSU	NB	PM	CU5	WH			37	149				910500**460242**
4MX866	1 LED55S/840	PSU	WB	PM	CU5	WH			37	149				910500**460088**
4MX866	1 LED55S/840	PSU	WB	PM	CU5	WH			37	149	B			910500**460230**
4MX866	1 LED66S/840	PSD	DA20	PM	C-2R	WH			45	147				910500**460252**
4MX866	1 LED66S/840	PSD	DA20	PM	C-2R	WH			45	147				910500**460239**
4MX866	1 LED66S/840	PSD	DA20	PM	CU5	WH			45	147				910500**460249**
4MX866	1 LED66S/840	PSD	DA20	PM	CU5	WH			45	147				910500**460235**
4MX866	1 LED66S/840	PSD	NB	PM	C-2R	WH			45	147				910500**460240**
4MX866	1 LED66S/840	PSD	NB	PM	C-2R	WH			45	147				910500**460253**
4MX866	1 LED66S/840	PSD	NB	PM	CU5	WH		EL1	45	147				910629**167626**
4MX866	1 LED66S/840	PSD	WB	PM	C-2R	WH			45	147				910629**165326**
4MX866	1 LED66S/840	PSD	WB	PM	C-2R	WH			45	147				910500**460041**
4MX866	1 LED66S/840	PSD	WB	PM	CU5	WH			45	147	D		2	910500**460074**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Acces-sory color[7]	Em-bed-ded con-trol[8]	Emer-gency light-ing[9]	Initial input power (W)	Lumi-nous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC)
4MX866	1 LED66S/840	PSD	WB	PM	CU5	WH			45	147	B		1	910500460236
4MX866	1 LED66S/840	PSU	DA20	PM	CU5	WH			45	147				910500460232
4MX866	1 LED66S/840	PSU	DA20	PM	CU5	WH			45	147				910500460246
4MX866	1 LED66S/840	PSU	NB	PM	CU5	WH			45	147				910500460233
4MX866	1 LED66S/840	PSU	NB	PM	CU5	WH			45	147				910500460247
4MX866	1 LED66S/840	PSU	WB	PM	CU5	WH			45	147				910500460234
4MX866	1 LED66S/840	PSU	WB	PM	CU5	WH			45	147				910500460248
4MX866	LED66S/840	PSD	WB		CU5	WH			45	147	B		1	910500460489
4MX866	LED66S/840	PSD	WB		CU5	WH			45	147	B		1	910500460485
4MX866	LED66S/840	PSD	WB		CU5	WH			45	147	D		2	910500460486
4MX866	LED66S/840	PSD	WB		CU5	WH			45	147	D		2	910500460490
4MX883	1 LED55S/840	PSD	DA20	PM	C-2R	WH			37	149				910500460281
4MX883	1 LED55S/840	PSD	DA20	PM	C-2R	WH			37	149				910500460266
4MX883	1 LED55S/840	PSD	DA20	PM	CU5	WH			37	149				910500460273
4MX883	1 LED55S/840	PSD	DA20	PM	CU5	WH			37	149				910500460257
4MX883	1 LED55S/840	PSD	NB	PM	C-2R	WH			37	149				910500460282
4MX883	1 LED55S/840	PSD	NB	PM	C-2R	WH			37	149				910500460267
4MX883	1 LED55S/840	PSD	NB	PM	CU5	WH			37	149				910500460274
4MX883	1 LED55S/840	PSD	NB	PM	CU5	WH			37	149				910500460258
4MX883	1 LED55S/840	PSD	WB	PM	C-2R	WH			37	149				910500460283
4MX883	1 LED55S/840	PSD	WB	PM	C-2R	WH			37	149				910500460268
4MX883	1 LED55S/840	PSD	WB	PM	CU5	WH			37	149	B		1	910500460259
4MX883	1 LED55S/840	PSD	WB	PM	CU5	WH			37	149				910500460275
4MX883	1 LED55S/840	PSU	DA20	PM	CU5	WH			37	149				910500460272
4MX883	1 LED55S/840	PSU	DA20	PM	CU5	WH			37	149				910500460254
4MX883	1 LED55S/840	PSU	NB	PM	CU5	WH			37	149				910500460255
4MX883	1 LED55S/840	PSU	WB	PM	CU5	WH			37	149				910500460256
4MX883	1 LED66S/840	PSD	DA20	PM	C-2R	WH			45	147				910500460269
4MX883	1 LED66S/840	PSD	DA20	PM	C-2R	WH			45	147				910500460284
4MX883	1 LED66S/840	PSD	DA20	PM	CU5	WH			45	147				910500460279
4MX883	1 LED66S/840	PSD	DA20	PM	CU5	WH			45	147				910500460263
4MX883	1 LED66S/840	PSD	NB	PM	C-2R	WH			45	147				910500460270
4MX883	1 LED66S/840	PSD	NB	PM	C-2R	WH			45	147				910500460285
4MX883	1 LED66S/840	PSD	NB	PM	CU5	WH			45	147				910500460264
4MX883	1 LED66S/840	PSD	WB	PM	C-2R	WH			45	147				910629165226
4MX883	1 LED66S/840	PSD	WB	PM	C-2R	WH			45	147				910500460271
4MX883	1 LED66S/840	PSD	WB	PM	CU5	WH			45	147	D		2	910500460280
4MX883	1 LED66S/840	PSD	WB	PM	CU5	WH			45	147				910500460265
4MX883	1 LED66S/840	PSU	DA20	PM	CU5	WH			45	147				910500460276
4MX883	1 LED66S/840	PSU	DA20	PM	CU5	WH			45	147				910500460260
4MX883	1 LED66S/840	PSU	NB	PM	CU5	WH			45	147				910500460277
4MX883	1 LED66S/840	PSU	NB	PM	CU5	WH			45	147				910500460261
4MX883	1 LED66S/840	PSU	WB	PM	CU5	WH			45	147				910500460278
4MX883	1 LED66S/840	PSU	WB	PM	CU5	WH			45	147				910500460262
4MX883	LED66S/840	PSD	WB		CU5	WH			45	147	B		1	910500460487
4MX883	LED66S/840	PSD	WB		CU5	WH			45	147	D		2	910500460488
4MX883	LED66S/840	PSD	WB		CU5	WH			45	147	D		2	910500460492
4MX883	LED66S/840	PSD	WB		CU5	WH			45	147	B		1	910500460491

[1] 'Type' value description(s): '4MX850' = Maxos Led Industry, '4MX866' = MAXOS LED EM 1H6S, '4MX883' = MAXOS LED EM 3H3S

[2] 'Lamp' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED55S' = LED Module, system flux 5 500 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED80S' = LED Module, system flux 8 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'A20' = Asymmetrical mirror axis angle 20°, 'DA20' = Double asymmetric optic 20°, 'DA35' = Double asymmetric optic 35°, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'PM' = Polymethyl methacrylate bowl/cover

[6] 'Connection' value description(s): 'C-2R' = Connector with 2 additional wires for light regulation, 'CU3' = Connection unit 3-pole, 'CU5' = Connection unit 5-pole

[7] 'Accessory color' value description(s): 'SI' = Silver, 'WH' = White

[8] 'Embedded control' value description(s): 'CLO' = Constant light output

[9] 'Emergency lighting' value description(s): 'EL1' = Emergency lighting 1 hour duration

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
4MX850	50-60	220 to 240	+/-10%	0.9	0.280	21.0	53	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	17.8	41	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	25	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	27	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	33	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	35	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	41	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	44	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.280	21.0	53	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.282	17.8	25	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.282	17.8	27	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.282	17.8	33	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.282	17.8	35	1	70 000	50 000	25 000
4MX850	50-60	220-240	+/-10%	0.9	0.282	17.8	53	1	70 000	50 000	25 000
4MX866	50-60	220-240	+/-10%	0.9	0.280	21.0	37	1	70 000	50 000	25 000
4MX866	50-60	220-240	+/-10%	0.9	0.280	21.0	45	1	70 000	50 000	25 000
4MX866	50-60	220-240	+/-10%	0.9	0.282	17.8	37	1	70 000	50 000	25 000
4MX866	50-60	220-240	+/-10%	0.9	0.282	17.8	45	1	70 000	50 000	25 000
4MX883	50-60	220-240	+/-10%	0.9	0.280	21.0	37	1	70 000	50 000	25 000
4MX883	50-60	220-240	+/-10%	0.9	0.280	21.0	45	1	70 000	50 000	25 000
4MX883	50-60	220-240	+/-10%	0.9	0.282	17.8	37	1	70 000	50 000	25 000
4MX883	50-60	220-240	+/-10%	0.9	0.282	17.8	45	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
4MX850	LED40S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX850	LED40S	830	3000	≥80	50	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX850	LED40S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX850	LED40S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX850	LED40S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX850	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX850	LED55S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX850	LED55S	830	3000	≥80	50	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX850	LED55S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX850	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX850	LED55S	840	4000	≥80	36	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX850	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX850	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX850	LED66S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	830	3000	≥80	50	(0.43, 0.40) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	840	4000	≥80	36	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX850	LED66S	840	4000	≥80	130	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX850	LED80S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX850	LED80S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX850	LED80S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX850	LED80S	840	4000	≥80	130	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX866	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX866	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX866	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX866	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX866	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX866	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX883	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX883	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%

More data see next page

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
4MX883	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX883	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX883	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX883	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%

[10] 'Lamp family code' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED55S' = LED Module, system flux 5 500 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED80S' = LED Module, system flux 8 000 lm

[11] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	ENEC mark	Flammability mark[15]	Glow-wire test[16] (°C/s)	RoHS mark
4MX850	I	IP20	IK02	CE	ENEC	D	650/30	ROHS
4MX866	I	IP20	IK02	CE	ENEC	D	650/30	ROHS
4MX883	I	IP20	IK02	CE	ENEC	D	650/30	ROHS

[12] 'Protection class IEC' value description(s): 'I' = Safety class I

[13] 'IP Classification' value description(s): 'IP20' = Finger-protected

[14] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[15] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[16] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



Maxos LED inserts for TTX400 – efficiency champion with great payback

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED inserts for TTX400 offer best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED inserts for TTX400 comprise exchangeable mid-power LED boards to be mounted on a standard TTX400 trunking rail. A choice of wide, medium and double asymmetric beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: our upgradable LED engine platform makes Maxos LED inserts for TTX400 a truly future-proof solution.

Product Range


A


B


C

Detailed Photos

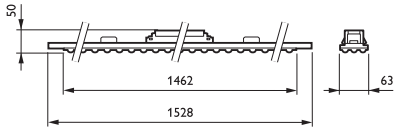
Maxos LED inserts for TTX400 – partial side view


A

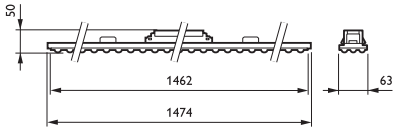
Maxos LED inserts for TTX400 – close-up view from below


B

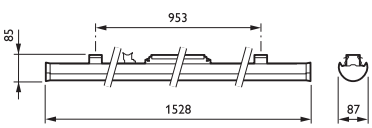
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX400	1 LED40S/830	PSD	A20	PM	CU5	WH		27.0	148	A	A, B	1, 2	910629162326
4MX400	1 LED40S/830	PSD	DA20	PM	CU5	WH		27.0	148	A	A, B	1, 2	910629128226
4MX400	1 LED40S/830	PSD	DA20	PM	CU5	WH		27.0	148	B	A, B	1	910629128626
4MX400	1 LED40S/830	PSD	NB	PM	CU5	WH		27.0	148	A	A, B	1, 2	910629123226
4MX400	1 LED40S/830	PSD	NB	PM	CU5	WH		27.0	148	B	A, B	1	910629124026
4MX400	1 LED40S/830	PSD	WB	PM	CU5	WH		27.0	148	A	A, B	1, 2	910629123326

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX400	1 LED40S/830	PSD	WB	PM	CU5	WH		27.0	148	B	A, B	1	910629**124126**
4MX400	1 LED40S/830	PSU	DA20	PM	CU3	WH		27.0	148	A	A, B	1, 2	910629**155726**
4MX400	1 LED40S/830	PSU	DA20	PM	CU3	WH		27.0	148	B	A, B	1	910629**156926**
4MX400	1 LED40S/830	PSU	NB	PM	CU3	WH		27.0	148	A	A, B	1, 2	910629**155326**
4MX400	1 LED40S/830	PSU	NB	PM	CU3	WH		27.0	148	B	A, B	1	910629**156526**
4MX400	1 LED40S/830	PSU	WB	PM	CU3	WH		27.0	148	A	A, B	1, 2	910629**155426**
4MX400	1 LED40S/830	PSU	WB	PM	CU3	WH		27.0	148	B	A, B	1	910629**156626**
4MX400	1 LED40S/840	PSD	A20	PM	CU5	WH		25.0	160	A	A, B	1, 2	910629**162426**
4MX400	1 LED40S/840	PSD	DA20	PM	CU5	WH		25.0	160	A	A, B	1, 2	910629**128326**
4MX400	1 LED40S/840	PSD	DA20	PM	CU5	WH		25.0	160	B	A, B	1	910629**128726**
4MX400	1 LED40S/840	PSD	NB	PM	CU5	WH		25.0	160	A	A, B	1, 2	910629**123426**
4MX400	1 LED40S/840	PSD	NB	PM	CU5	WH		25.0	160	B	A, B	1	910629**124226**
4MX400	1 LED40S/840	PSD	WB	PM	CU5	WH		25.0	160	A	A, B	1, 2	910629**123526**
4MX400	1 LED40S/840	PSD	WB	PM	CU5	WH		25.0	160	B	A, B	1	910629**124326**
4MX400	1 LED40S/840	PSU	DA20	PM	CU3	WH		25.0	160	A	A, B	1, 2	910629**155826**
4MX400	1 LED40S/840	PSU	DA20	PM	CU3	WH		25.0	160	B	A, B	1	910629**157026**
4MX400	1 LED40S/840	PSU	NB	PM	CU3	WH		25.0	160	A	A, B	1, 2	910629**155526**
4MX400	1 LED40S/840	PSU	NB	PM	CU3	WH		25.0	160	B	A, B	1	910629**156726**
4MX400	1 LED40S/840	PSU	WB	PM	CU3	WH		25.0	160	A	A, B	1, 2	910629**155626**
4MX400	1 LED40S/840	PSU	WB	PM	CU3	WH		25.0	160	B	A, B	1	910629**156826**
4MX400	1 LED55S/830	PSD	A20	PM	CU5	WH		35.0	157	A	A, B	1, 2	910629**162526**
4MX400	1 LED55S/830	PSD	DA20	PM	CU5	WH		35.0	157	A	A, B	1, 2	910629**128426**
4MX400	1 LED55S/830	PSD	DA20	PM	CU5	WH		35.0	157	B	A, B	1	910629**128826**
4MX400	1 LED55S/830	PSD	NB	PM	CU5	WH		35.0	157	A	A, B	1, 2	910629**123626**
4MX400	1 LED55S/830	PSD	NB	PM	CU5	WH		35.0	157	B	A, B	1	910629**124426**
4MX400	1 LED55S/830	PSD	WB	PM	CU5	WH		35.0	157	A	A, B	1, 2	910629**123726**
4MX400	1 LED55S/830	PSD	WB	PM	CU5	WH		35.0	157	B	A, B	1	910629**124526**
4MX400	1 LED55S/830	PSU	DA20	PM	CU3	WH		35.0	157	A	A, B	1, 2	910629**156326**
4MX400	1 LED55S/830	PSU	DA20	PM	CU3	WH		35.0	157	B	A, B	1	910629**157526**
4MX400	1 LED55S/830	PSU	NB	PM	CU3	WH		35.0	157	A	A, B	1, 2	910629**155926**
4MX400	1 LED55S/830	PSU	NB	PM	CU3	WH		35.0	157	B	A, B	1	910629**157126**
4MX400	1 LED55S/830	PSU	WB	PM	CU3	WH		35.0	157	A	A, B	1, 2	910629**156026**
4MX400	1 LED55S/830	PSU	WB	PM	CU3	WH		35.0	157	B	A, B	1	910629**157226**
4MX400	1 LED55S/840	PSD	A20	PM	CU5	WH		33.0	167	A	A, B	1, 2	910629**162626**
4MX400	1 LED55S/840	PSD	A20	PM	CU5	WH		33.0	167	B	A, B	1	910629**163126**
4MX400	1 LED55S/840	PSD	DA20	PM	CU5	WH		33.0	167	A	A, B	1, 2	910629**128526**
4MX400	1 LED55S/840	PSD	DA20	PM	CU5	WH		33.0	167	B	A, B	1	910629**128926**
4MX400	1 LED55S/840	PSD	NB	PM	CU5	WH		33.0	167	A	A, B	1, 2	910629**123826**
4MX400	1 LED55S/840	PSD	NB	PM	CU5	WH		33.0	167	B	A, B	1	910629**124626**
4MX400	1 LED55S/840	PSD	VWB	PM	C-2R	WH		33.0	167	B	A, B	1	9105004**60047**
4MX400	1 LED55S/840	PSD	WB	PM	CU5	WH		33.0	167	A	A, B	1, 2	910629**123926**
4MX400	1 LED55S/840	PSD	WB	PM	CU5	WH		33.0	167	B	A, B	1	910629**124726**
4MX400	1 LED55S/840	PSU	DA20	PM	CU3	WH		33.0	167	A	A, B	1, 2	910629**156426**
4MX400	1 LED55S/840	PSU	DA20	PM	CU3	WH		33.0	167	B	A, B	1	910629**157626**
4MX400	1 LED55S/840	PSU	NB	PM	CU3	WH		33.0	167	A	A, B	1, 2	910629**156126**
4MX400	1 LED55S/840	PSU	NB	PM	CU3	WH		33.0	167	B	A, B	1	910629**157326**
4MX400	1 LED55S/840	PSU	WB	PM	CU3	WH		33.0	167	A	A, B	1, 2	910629**156226**
4MX400	1 LED55S/840	PSU	WB	PM	CU3	WH		33.0	167	B	A, B	1	910629**157426**
4MX400	1 LED66S/840	PSD	DA20	PM	C-2R	WH		41.0	161				9105004**60108**
4MX400	1 LED66S/840	PSD	DA20	PM	C-2R	WH		41.0	161				9105004**60101**
4MX400	1 LED66S/840	PSD	DA20	PM	CU5	WH		41.0	161	B	A, B	1	910629**158726**
4MX400	1 LED66S/840	PSD	DA20	PM	CU5	WH		41.0	161				910629**162926**
4MX400	1 LED66S/840	PSD	NB	PM	C-2R	WH		41.0	161				9105004**60102**
4MX400	1 LED66S/840	PSD	NB	PM	C-2R	WH		41.0	161				9105004**60109**
4MX400	1 LED66S/840	PSD	NB	PM	CU5	WH		41.0	161	B	A, B	1	910629**158926**
4MX400	1 LED66S/840	PSD	NB	PM	CU5	WH		41.0	161				910629**162726**
4MX400	1 LED66S/840	PSD	WB	PM	C-2R	WH		41.0	161				910629**165526**
4MX400	1 LED66S/840	PSD	WB	PM	C-2R	WH		41.0	161				9105004**60103**
4MX400	1 LED66S/840	PSD	WB	PM	CU5	WH		41.0	161	B	A, B	1	910629**158826**
4MX400	1 LED66S/840	PSD	WB	PM	CU5	WH		41.0	161				910629**162826**
4MX400	1 LED66S/840	PSD-CLO	DA20	PM	CU5	WH		41.0	161				9105004**60115**
4MX400	1 LED66S/840	PSD-CLO	DA20	PM	CU5	WH		41.0	161				9105004**60113**
4MX400	1 LED66S/840	PSU	DA20	PM	CU3	WH		41.0	161	B	A, B	1	910629**157726**
4MX400	1 LED66S/840	PSU	NB	PM	CU3	WH		41.0	161	B	A, B	1	910629**157926**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC)
4MX400	1 LED66S/840	PSU	WB	PM	CU3	WH		41.0	161	B	A, B	1	910629157826
4MX400	1 LED80S/840	PSD	DA20	PM	C-2R	WH		53.0	151				910500460104
4MX400	1 LED80S/840	PSD	DA20	PM	C-2R	WH		53.0	151				910500460110
4MX400	1 LED80S/840	PSD	DA20	PM	CU5	WH		53.0	151				910500460107
4MX400	1 LED80S/840	PSD	DA20	PM	CU5	WH		53.0	151				910500460099
4MX400	1 LED80S/840	PSD	NB	PM	C-2R	WH		53.0	151				910500460111
4MX400	1 LED80S/840	PSD	NB	PM	C-2R	WH		53.0	151				910500460105
4MX400	1 LED80S/840	PSD	NB	PM	CU5	WH		53.0	151	B	A, B	1	910629166826
4MX400	1 LED80S/840	PSD	VWB	PM	CU5	WH		53.0	151	B	A, B	1	910500460045
4MX400	1 LED80S/840	PSD	WB	PM	C-2R	WH		53.0	151				910500460112
4MX400	1 LED80S/840	PSD	WB	PM	C-2R	WH		53.0	151				910500460106
4MX400	1 LED80S/840	PSD	WB	PM	CU5	WH		53.0	151	A	A, B	1, 2	910629167126
4MX400	1 LED80S/840	PSD	WB	PM	CU5	WH		53.0	151	B	A, B	1	910629167326
4MX400	1 LED80S/840	PSD-CLO	DA20	PM	CU5	WH		53.0	151				910500460114
4MX400	1 LED80S/840	PSD-CLO	DA20	PM	CU5	WH		53.0	151				910500460116
4MX416	1 LED55S/840	PSD	DA20	PM	C-2R	WH		37.0	149				910500460145
4MX416	1 LED55S/840	PSD	DA20	PM	C-2R	WH		37.0	149				910500460128
4MX416	1 LED55S/840	PSD	DA20	PM	CU5	WH		37.0	149				910500460137
4MX416	1 LED55S/840	PSD	DA20	PM	CU5	WH		37.0	149				910500460120
4MX416	1 LED55S/840	PSD	NB	PM	C-2R	WH		37.0	149				910500460129
4MX416	1 LED55S/840	PSD	NB	PM	C-2R	WH		37.0	149				910500460146
4MX416	1 LED55S/840	PSD	NB	PM	CU5	WH		37.0	149	A			910629167826
4MX416	1 LED55S/840	PSD	NB	PM	CU5	WH		37.0	149				910500460138
4MX416	1 LED55S/840	PSD	WB	PM	C-2R	WH		37.0	149				910500460147
4MX416	1 LED55S/840	PSD	WB	PM	C-2R	WH		37.0	149				910500460130
4MX416	1 LED55S/840	PSD	WB	PM	CU5	WH		37.0	149				910500460139
4MX416	1 LED55S/840	PSD	WB	PM	CU5	WH		37.0	149				910500460121
4MX416	1 LED55S/840	PSU	DA20	PM	CU5	WH		37.0	149				910500460134
4MX416	1 LED55S/840	PSU	DA20	PM	CU5	WH		37.0	149				910500460117
4MX416	1 LED55S/840	PSU	NB	PM	CU5	WH		37.0	149				910500460135
4MX416	1 LED55S/840	PSU	NB	PM	CU5	WH		37.0	149				910500460118
4MX416	1 LED55S/840	PSU	WB	PM	CU5	WH		37.0	149				910500460119
4MX416	1 LED55S/840	PSU	WB	PM	CU5	WH		37.0	149	A			910500460136
4MX416	1 LED66S/840	PSD	DA20	PM	C-2R	WH		45.0	147				910500460148
4MX416	1 LED66S/840	PSD	DA20	PM	C-2R	WH		45.0	147				910500460131
4MX416	1 LED66S/840	PSD	DA20	PM	CU5	WH		45.0	147				910500460143
4MX416	1 LED66S/840	PSD	DA20	PM	CU5	WH		45.0	147				910500460125
4MX416	1 LED66S/840	PSD	NB	PM	C-2R	WH		45.0	147				910500460132
4MX416	1 LED66S/840	PSD	NB	PM	C-2R	WH		45.0	147				910500460149
4MX416	1 LED66S/840	PSD	NB	PM	CU5	WH		45.0	147	A		1	910500460144
4MX416	1 LED66S/840	PSD	NB	PM	CU5	WH		45.0	147				910500460126
4MX416	1 LED66S/840	PSD	WB	PM	C-2R	WH		45.0	147				910500460150
4MX416	1 LED66S/840	PSD	WB	PM	C-2R	WH		45.0	147				910500460133
4MX416	1 LED66S/840	PSD	WB	PM	CU5	WH		45.0	147				910500460127
4MX416	1 LED66S/840	PSD	WB	PM	CU5	WH	EL1	45.0	147	A		1	910629167726
4MX416	1 LED66S/840	PSU	DA20	PM	CU5	WH		45.0	147				910500460140
4MX416	1 LED66S/840	PSU	DA20	PM	CU5	WH		45.0	147				910500460122
4MX416	1 LED66S/840	PSU	NB	PM	CU5	WH		45.0	147				910500460141
4MX416	1 LED66S/840	PSU	NB	PM	CU5	WH		45.0	147				910500460123
4MX416	1 LED66S/840	PSU	WB	PM	CU5	WH		45.0	147				910500460124
4MX416	1 LED66S/840	PSU	WB	PM	CU5	WH		45.0	147	A			910500460142
4MX416	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		2	910500460493
4MX416	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		2	910500460497
4MX416	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		1	910500460498
4MX416	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		1	910500460494
4MX433	1 LED55S/840	PSD	DA20	PM	C-2R	WH		37.0	149				910500460180
4MX433	1 LED55S/840	PSD	DA20	PM	C-2R	WH		37.0	149				910500460162
4MX433	1 LED55S/840	PSD	DA20	PM	CU5	WH		37.0	149				910500460154
4MX433	1 LED55S/840	PSD	DA20	PM	CU5	WH		37.0	149				910500460171
4MX433	1 LED55S/840	PSD	NB	PM	C-2R	WH		37.0	149				910500460163
4MX433	1 LED55S/840	PSD	NB	PM	C-2R	WH		37.0	149				910500460181
4MX433	1 LED55S/840	PSD	NB	PM	CU5	WH		37.0	149				910500460061
4MX433	1 LED55S/840	PSD	NB	PM	CU5	WH		37.0	149				910500460172
4MX433	1 LED55S/840	PSD	WB	PM	C-2R	WH		37.0	149				910500460182

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
4MX433	1 LED55S/840	PSD	WB	PM	C-2R	WH		37.0	149				910500460164
4MX433	1 LED55S/840	PSD	WB	PM	CU5	WH		37.0	149				910500460155
4MX433	1 LED55S/840	PSD	WB	PM	CU5	WH	EL3	37.0	149				910500460173
4MX433	1 LED55S/840	PSU	DA20	PM	CU5	WH		37.0	149				910500460151
4MX433	1 LED55S/840	PSU	DA20	PM	CU5	WH		37.0	149				910500460168
4MX433	1 LED55S/840	PSU	NB	PM	CU5	WH		37.0	149				910500460169
4MX433	1 LED55S/840	PSU	NB	PM	CU5	WH		37.0	149				910500460152
4MX433	1 LED55S/840	PSU	WB	PM	CU5	WH		37.0	149				910500460153
4MX433	1 LED55S/840	PSU	WB	PM	CU5	WH		37.0	149				910500460170
4MX433	1 LED66S/840	PSD	DA20	PM	C-2R	WH		45.0	147				910500460183
4MX433	1 LED66S/840	PSD	DA20	PM	C-2R	WH		45.0	147				910500460165
4MX433	1 LED66S/840	PSD	DA20	PM	CU5	WH		45.0	147				910500460177
4MX433	1 LED66S/840	PSD	DA20	PM	CU5	WH		45.0	147				910500460159
4MX433	1 LED66S/840	PSD	NB	PM	C-2R	WH		45.0	147				910500460166
4MX433	1 LED66S/840	PSD	NB	PM	C-2R	WH		45.0	147				910500460184
4MX433	1 LED66S/840	PSD	NB	PM	CU5	WH		45.0	147				910500460178
4MX433	1 LED66S/840	PSD	NB	PM	CU5	WH		45.0	147				910500460160
4MX433	1 LED66S/840	PSD	WB	PM	C-2R	WH		45.0	147				910500460167
4MX433	1 LED66S/840	PSD	WB	PM	C-2R	WH		45.0	147				910500460185
4MX433	1 LED66S/840	PSD	WB	PM	CU5	WH		45.0	147				910500460161
4MX433	1 LED66S/840	PSD	WB	PM	CU5	WH		45.0	147				910500460179
4MX433	1 LED66S/840	PSU	DA20	PM	CU5	WH		45.0	147				910500460156
4MX433	1 LED66S/840	PSU	DA20	PM	CU5	WH		45.0	147				910500460174
4MX433	1 LED66S/840	PSU	NB	PM	CU5	WH		45.0	147				910500460157
4MX433	1 LED66S/840	PSU	NB	PM	CU5	WH		45.0	147				910500460175
4MX433	1 LED66S/840	PSU	WB	PM	CU5	WH		45.0	147	A		1	910500460176
4MX433	1 LED66S/840	PSU	WB	PM	CU5	WH		45.0	147				910500460158
4MX433	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		1	910500460496
4MX433	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		2	910500460499
4MX433	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		1	910500460501
4MX433	LED66S/840	PSD	WB		CU5	WH		45.0	147	A		2	910500460495
4MX916	LED75S/840	PSD	DA20		C-2R	WH		61.5	122	C		3	910500460338
4MX916	LED75S/840	PSD	MB		C-2R	WH		61.5	122	C			910500460339
4MX916	LED75S/840	PSD	NB		C-2R	WH		61.5	122	C			910500460340
4MX916	LED75S/840	PSD	WB		C-2R	WH		61.5	122	C		3	910500460341

[1] 'Type' value description(s): '4MX400' = Maxos LED Retrofit for TTX400, '4MX416' = MAXOS LED FOR TTX400 EM 1H6S, '4MX433' = MAXOS LED FOR TTX400 EM 3H3S, '4MX916' = MAXOS LED PERFORMER EM 1H6S

[2] 'Lamp' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED55S' = LED Module, system flux 5 500 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED80S' = LED Module, system flux 8 000 lm, '830' = 830 warm white, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'A20' = Asymmetrical mirror axis angle 20°, 'DA20' = Double asymmetric optic 20°, 'MB' = Medium beam, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'PM' = Polymethyl methacrylate bowl/cover

[6] 'Connection' value description(s): 'C-2R' = Connector with 2 additional wires for light regulation, 'CU3' = Connection unit 3-pole, 'CU5' = Connection unit 5-pole

[7] 'Accessory color' value description(s): 'WH' = White

[8] 'Emergency lighting' value description(s): 'EL1' = Emergency lighting 1 hour duration, 'EL3' = Emergency lighting 3 hours duration

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	25.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	27.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	33.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	35.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	41.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.280	21.0	53.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.282	17.8	25.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.282	17.8	27.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.282	17.8	33.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.282	17.8	35.0	1	70 000	50 000	25 000
4MX400	50-60	220-240	+/-10%	0.9	0.282	17.8	41.0	1	70 000	50 000	25 000
4MX416	50-60	220-240	+/-10%	0.9	0.280	21.0	37.0	1	70 000	50 000	25 000
4MX416	50-60	220-240	+/-10%	0.9	0.280	21.0	45.0	1	70 000	50 000	25 000
4MX416	50-60	220-240	+/-10%	0.9	0.282	17.8	37.0	1	70 000	50 000	25 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
4MX416	50-60	220-240	+/-10%	0.9	0.282	17.8	45.0	1	70 000	50 000	25 000
4MX433	50-60	220-240	+/-10%	0.9	0.280	21.0	37.0	1	70 000	50 000	25 000
4MX433	50-60	220-240	+/-10%	0.9	0.280	21.0	45.0	1	70 000	50 000	25 000
4MX433	50-60	220-240	+/-10%	0.9	0.282	17.8	37.0	1	70 000	50 000	25 000
4MX433	50-60	220-240	+/-10%	0.9	0.282	17.8	45.0	1	70 000	50 000	25 000
4MX916	50-60	220 to 240	+/-10%	0.9	0.280	21.0	61.5	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
4MX400	LED40S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX400	LED40S	830	3000	≥80	50	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX400	LED40S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	148	4 000	+/-10%
4MX400	LED40S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX400	LED40S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX400	LED40S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	160	4 000	+/-10%
4MX400	LED55S	830	3000	≥80	20	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX400	LED55S	830	3000	≥80	50	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX400	LED55S	830	3000	≥80	90	(0.43, 0.40) SDCM <3.5	157	5 500	+/-10%
4MX400	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX400	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX400	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX400	LED55S	840	4000	≥80	130	(0.38, 0.38) SDCM <3.5	167	5 500	+/-10%
4MX400	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX400	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX400	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	161	6 600	+/-10%
4MX400	LED80S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX400	LED80S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX400	LED80S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX400	LED80S	840	4000	≥80	130	(0.38, 0.38) SDCM <3.5	151	8 000	+/-10%
4MX416	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX416	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX416	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX416	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX416	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX416	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX433	LED55S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX433	LED55S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX433	LED55S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	149	5 500	+/-10%
4MX433	LED66S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX433	LED66S	840	4000	≥80	50	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX433	LED66S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	147	6 600	+/-10%
4MX916	LED75S	840	4000	≥80	20	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	34	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	70	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%
4MX916	LED75S	840	4000	≥80	90	(0.38, 0.38) SDCM <3.5	122	7 500	+/-10%

[9] 'Lamp family code' value description(s): 'LED40S' = LED Module, system flux 4 000 lm, 'LED55S' = LED Module, system flux 5 500 lm, 'LED66S' = LED Module, system flux 6 600 lm, 'LED80S' = LED Module, system flux 8 000 lm

[10] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
4MX400	I	IP20	IK02	CE	ENEC	D	650/30	ROHS
4MX416	I	IP20	IK02	CE	ENEC	D	650/30	ROHS
4MX433	I	IP20	IK02	CE	ENEC	D	650/30	ROHS
4MX916	I	IP40	IK02	CE	ENEC	D	650/30	ROHS

[11] 'Protection class IEC' value description(s): 'I' = Safety class I

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected, 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

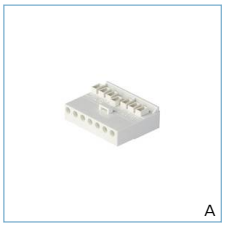
[15] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s

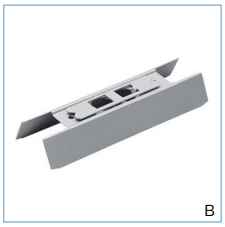


9MX056 TL-D / TL5 swivel device

The swivel device is a versatile mechanical connecting device for Maxos TL-D and TL5 light-lines and enables variable angles between the light-lines. The minimum angle is 45 degrees. Due to its attractive design it is often used in application areas such as shops, schools and museums. Up to four light-lines can be connected with one swivel device. The housing is made of plastic, with a white or silver coating, and with inner supporting elements made of steel. If needed, the swivel device can accommodate lighting control sensors, loudspeakers, etc. It is pre-mounted with an adjustable quick hanger with a 1.25 m steel suspension wire. One dedicated coupling piece (9MX056 CP-SD WH/SI) per trunking section is necessary to connect the trunking to the swivel device. Electrical components for mains feed-through have to be ordered as required.

Product Range


A


B


C


D


E


F


G

Detailed Photos

9MX056 SD The swivel device enables variable angles between the lines, and it is suitable for Maxos TL-D and TL5. The minimum angle is 45º. Due to its modern design it is often used in application areas such as shops, schools and museums. Up to four trunking sections can be connected with one swivel device. The housing is made of plastic, with a white or silver finish, and with inner supporting elements made of steel. By dividing it into two chambers the swivel device is designed to accommodate light sensors, cameras, spotlight adapters, loud speakers, etc. It is fitted with an infinitely adjustable clasp fixing and supplied with 1.25 m steel suspension wire. One coupling piece per trunking section is necessary to connect the trunking to the swivel device.


A

Technical Specification

Type[1]	Accessory color[2]	Photo letter	Detailed Photo	Material Nr. (12NC) (9106...)
9MX056		A		05019226
9MX056				74553421
9MX056		A		06293921
9MX056		B		81003526
9MX056				05020726
9MX056	BK	C		29114326
9MX056	SI	D		81003326
9MX056	SI	E, F		83008926
9MX056	SI			83002126
9MX056	SI	G	A	81008326
9MX056	SI	E, F		83001726
9MX056	SI			83009126
9MX056	WH	D		81003226
9MX056	WH	E, F		83007926
9MX056	WH			83002026
9MX056	WH	G	A	81008026
9MX056	WH	E, F		83001626
9MX056	WH	E, F		83001826
9MX056	WH			83009026

[1] 'Type' value description(s): '9MX056' = ACC MAXOS

[2] 'Accessory color' value description(s): 'BK' = Black, 'SI' = Silver, 'WH' = White

Accessory Range

Chain bracket, adjustable



A

Coupling piece for trunking



B

Accessory Specification

Type[3]	Mechanical accessories[4]	Suspension accessories[5]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9106...)
9MX056		CBA	A	UNP / 1	29113626
9MX056		CP	B	UNP / 1	29113526
9MX056	EP			UNP / 1	29113426

[3] 'Type' value description(s): '9MX056' = ACC MAXOS

[4] 'Mechanical accessories' value description(s): 'EP' = End piece

[5] 'Suspension accessories' value description(s): 'CBA' = Chain bracket adjustable, 'CP' = Coupling piece

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)
9MX056		
9MX056	50-60	220 to 240

Protection & classification standards

Type	Protection class IEC[6]
9MX056	
9MX056	I

[6] 'Protection class IEC' value description(s): 'I' = Safety class I



Maxos, mounting accessories

The light line fulfils two functions: first, it provides a sturdy in-line mounting rail on which to fix the electrical units, and second, it provides a housing for the electrical cables that bring power to the units. For suspended light lines, the light-line sections are connected using the integrated electrical connector and a sturdy external mechanical coupling piece (accessory). Surface-mounted light lines use the same integrated electrical connector and an internal coupler (accessory). On the upper part of the light-line section, special knock-out openings enable cable entry wherever needed. The basic accessories of Maxos TL-D trunkings can also be used for the TL5 trunkings.

Accessory Range

Bracket for direct ceiling mounting



A

Mounting bracket for suspension wire



B



C

Chain bracket, fixed



D

Chain bracket, adjustable



E

Bracket for direct ceiling mounting



F

Mounting bracket for suspension wire



G



H



I

Bracket for direct ceiling mounting



J

Mounting bracket for suspension wire



K

L

Maxos 4MX056 TL-D extended trunking section M300/E300/ M600/E600 and blind cover, used to close the spaces in the trunking where no electrical units are mounted; to be ordered separatley.



M

Blind cover, used to close the spaces in the trunking where no electrical units are mounted



N



O

Ceiling fixation with steel wire, 1250 mm



P

Accessory Specification

Type[1]	Color[2]	Material[3]	Product Length (mm)	Mechanical accessories[4]	Suspension accessories[5]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9106...)
9MX056		STL		PB			CT / 10	800**11026**
9MX056		STL		PB			CT / 10	800**11126**
9MX056		STL		PB			CT / 10	800**11226**
9MX056	BK						CT / 10	051**49926**
9MX056	BK				MB	A	CT / 20	051**49026**
9MX056	BK				MB-SW	B	CT / 10	051**49726**
9MX056	BK		1 250		MB-SW		UNP / 1	051**49226**
9MX056	BK		3 000		MB-SW		UNP / 1	051**49426**

More data see next page

Type[1]	Color[2]	Material[3]	Product Length (mm)	Mechanical accessories[4]	Suspension accessories[5]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9106...)
9MX056	No				SW2	C	CT / 30	800**10926**
9MX056	No				SWF		UNP / 1	800**17926**
9MX056	No				TRS		UNP / 1	810**02526**
9MX056	SI						CT / 10	051**49826**
9MX056	SI				CB	D	CT / 6	800**17426**
9MX056	SI				CBA	E	UNP / 1	051**08926**
9MX056	SI				MB	F	CT / 10	800**16026**
9MX056	SI				MB	F	CT / 20	051**48926**
9MX056	SI				MB-SW	G	CT / 10	051**49526**
9MX056	SI			EP-900		H	UNP / 1	830**03226**
9MX056	SI		1 250		CC-SW	I	UNP / 1	800**19226**
9MX056	SI		1 250		MB-SW		UNP / 1	051**49126**
9MX056	SI		3 000		MB-SW		UNP / 1	051**49326**
9MX056	WH						CT / 10	051**43726**
9MX056	WH				CB	D	CT / 6	800**07426**
9MX056	WH				CBA	E	UNP / 1	051**08826**
9MX056	WH				MB	J	CT / 10	800**06026**
9MX056	WH				MB	J	CT / 20	051**43826**
9MX056	WH				MB-SW	K	CT / 10	051**49626**
9MX056	WH			EP-900		L	UNP / 1	830**03126**
9MX056	WH		1 200	BC		M, N	CT / 5	830**08126**
9MX056	WH		1 250		MB-SW	O	UNP / 1	800**07026**
9MX056	WH		1 250		MB-SW		UNP / 1	051**48126**
9MX056	WH		1 800	BC		M, N	CT / 30	830**09526**
9MX056	WH		3 000		MB-SW		UNP / 1	051**43926**
9MX056	ZC				SC	M	CT / 25	831**40621**
9MX056	ZC		1 250		CF-SW	P	UNP / 1	800**29326**
9MX056	ZC		3 000		CF-SW	P	UNP / 1	428**62222**

[1] 'Type' value description(s): '**9MX056**' = ACC MAXOS

[2] 'Color' value description(s): '**BK**' = Black, '**SI**' = Silver, '**WH**' = White, '**ZC**' = Zinc-coated

[3] 'Material' value description(s): '**STL**' = Steel

[4] 'Mechanical accessories' value description(s): '**BC**' = Blind cover, '**EP-900**' = End piece for 4MX900, '**PB**' = Profile bracket

[5] 'Suspension accessories' value description(s): '**CB**' = Chain bracket, '**CBA**' = Chain bracket adjustable, '**CC-SW**' = Ceiling cap and suspension wire, '**CF-SW**' = Ceiling fixation and suspension wire, '**MB**' = Mounting bracket, '**MB-SW**' = Mounting bracket for suspension wire, '**SC**' = Suspension chain/safety cable, '**SW2**' = Suspension wire diameter 2 mm, '**SWF**' = Suspension wire fixation, '**TRS**' = Trunking section



CoreLine Trunking – the clear choice for LED

Whether for a new facility or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Trunking range of LED products can be used to replace general lighting. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product Range


A


B


C


D


E

Detailed Photos


A


B


C


D


E



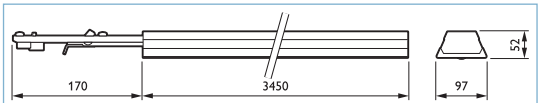
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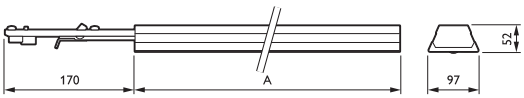


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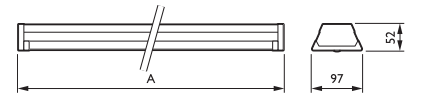
Dimension Drawing



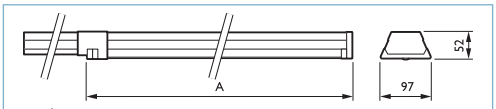
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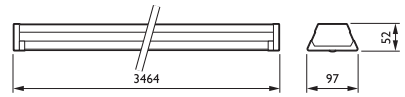
mm	A nom.
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3	1725



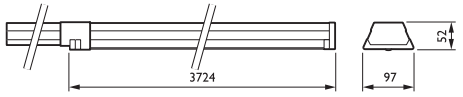
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5	1739



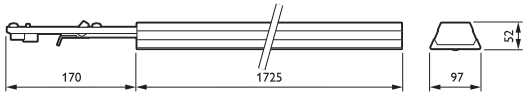
mm	A nom.
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7	1999



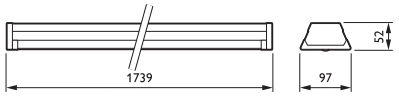
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9



10



11



12

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
LL120X	6 LED84S/840	PSU		O	CU7	WH		64	131	A		1	25863330
LL120X	6 LED84S/865	PSU		O	CU5	WH		64	131	A		1	25863340
LL120X	6 LED90S/840	PSD	DA20		CU7	WH		64	141	B	A-F	2, 4, 6	25682947
LL120X	6 LED90S/840	PSD	DA20		CU9	WH		64	141	B	A-F	1, 8, 9	25863107
LL120X	6 LED90S/840	PSD	NB		CU7	WH		64	141	B	A-F	2, 4, 6	25682933
LL120X	6 LED90S/840	PSD	VWB		CU9	WH		64	141	B	A-F	1, 8, 9	25683023
LL120X	6 LED90S/840	PSD	WB		CU7	WH		64	141	B	A-F	1, 8, 9	25772904
LL120X	6 LED90S/840	PSD	WB		CU9	WH		64	141	B	A-F	1, 8, 9	25683021
LL120X	6 LED90S/840	PSD	WB		CU9	WH		64	141	B	A-F	1, 8, 9	25863110
LL120X	6 LED90S/840	PSU	A		CU5	WH		64	141	B		1	25863327
LL120X	6 LED90S/840	PSU	A		CU7	WH		64	141	B		1	25863335
LL120X	6 LED90S/840	PSU	DA20		CU5	WH		64	141	B	A-F	1	25682927
LL120X	6 LED90S/840	PSU	DA20		CU5	WH		64	141	B		1	25863326
LL120X	6 LED90S/840	PSU	DA20		CU7	WH		64	141	B		1	25863331
LL120X	6 LED90S/840	PSU	MB		CU5	WH		64	141	B	A-F	1	25682915
LL120X	6 LED90S/840	PSU	MB		CU5	WH		64	141	B		1	25863325
LL120X	6 LED90S/840	PSU	MB		CU7	WH		64	141	B		1	25863332
LL120X	6 LED90S/840	PSU	NB		CU5	WH		64	141	B	A-F	1	25682908
LL120X	6 LED90S/840	PSU	NB		CU5	WH		64	141	B		1	25863324
LL120X	6 LED90S/840	PSU	NB		CU7	WH		64	141	B		1	25863333
LL120X	6 LED90S/840	PSU	VWB		CU5	WH		64	141	B	A-F	2, 4, 6	25682968
LL120X	6 LED90S/840	PSU	VWB		CU7	WH		64	141	B		1	25863336
LL120X	6 LED90S/840	PSU	WB		CU5	WH		64	141	B	A-F	1	25682921
LL120X	6 LED90S/840	PSU	WB		CU7	WH		64	141	B		1	25863334
LL120X	6 LED90S/865	PSU	WB		CU7	WH		64	141	B		1	25863338
LL120X	6 LED150S/840	PSD		O	CU7	WH		108	139	A		1	25863968
LL120X	6 LED150S/840	PSD		O	CU7	WH		108	139	C		1	25863969
LL120X	6 LED150S/840	PSU		O	CU5	WH		108	139	A		1	25863979
LL120X	6 LED150S/865	PSU		O	CU5	WH		108	139	C		1	25864022
LL120X	6 LED152S/830	PSD	DA20		CU7	WH		108	141	D		1	25864031
LL120X	6 LED152S/830	PSD	MB		C-2R	WH		124	123	D	A-D, G, H	2, 4, 6	25682943
LL120X	6 LED152S/830	PSD	WB		CU7	WH		108	141	D		1	25863994
LL120X	6 LED152S/830	PSU	A		CU5	WH		108	141	D		1	25864020
LL120X	6 LED152S/830	PSU	DA20		CU5	WH		108	141	D		1	25863988

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9109...)
LL120X	6 LED152S/830	PSU	MB		CU5	WH		108	141	D		1	258**63995**
LL120X	6 LED152S/830	PSU	VWB		CU5	WH		108	141	D		1	258**63985**
LL120X	6 LED152S/830	PSU	WB		CU5	WH		108	141	D		1	258**63983**
LL120X	6 LED160S/840	PSD	A		CU7	WH		108	148	D		1	258**63998**
LL120X	6 LED160S/840	PSD	A		CU7	WH		108	148	D		1	258**64018**
LL120X	6 LED160S/840	PSD	DA20		C-2R	WH		124	129	D	A-D, G, H	1, 8, 9	256**83030**
LL120X	6 LED160S/840	PSD	DA20		CU7	WH		108	148	D		1	258**64016**
LL120X	6 LED160S/840	PSD	MB		CU7	WH		108	148	D		1	258**63977**
LL120X	6 LED160S/840	PSD	MB		CU7	WH		108	148	D		1	258**63987**
LL120X	6 LED160S/840	PSD	MB		CU9	WH		108	148	D		1	258**64014**
LL120X	6 LED160S/840	PSD	NB		CU7	WH		108	148	D		1	258**63986**
LL120X	6 LED160S/840	PSD	NB		CU7	WH		108	148	D		1	258**63992**
LL120X	6 LED160S/840	PSD	NB		CU9	WH		108	148	D		1	258**63989**
LL120X	6 LED160S/840	PSD	VWB		CU7	WH		108	148	D		1	258**63984**
LL120X	6 LED160S/840	PSD	VWB		CU7	WH		108	148	D		1	258**64064**
LL120X	6 LED160S/840	PSD	WB		CU7	WH		108	148	D		1	258**63966**
LL120X	6 LED160S/840	PSD	WB		CU7	WH		108	148	D		1	258**63965**
LL120X	6 LED160S/840	PSD	WB		CU7	WH		108	148	D		1	258**63974**
LL120X	6 LED160S/840	PSD	WB		CU7	WH		108	148	D		1	258**63976**
LL120X	6 LED160S/840	PSD	WB		CU9	WH		108	148	D		1	258**63722**
LL120X	6 LED160S/840	PSD	WB		CU9	WH		108	148	D		1	258**63978**
LL120X	6 LED160S/840	PSU	A		CU5	WH		108	148	D		1	258**64009**
LL120X	6 LED160S/840	PSU	DA20		CU5	WH		108	148	D		1	258**63972**
LL120X	6 LED160S/840	PSU	MB		CU5	WH		108	148	D		1	258**63970**
LL120X	6 LED160S/840	PSU	MB		CU7	WH		108	148	D		1	258**64041**
LL120X	6 LED160S/840	PSU	NB		CU5	WH		108	148	D		1	258**63961**
LL120X	6 LED160S/840	PSU	NB		CU5	WH		108	148	D		1	258**63964**
LL120X	6 LED160S/840	PSU	NB		CU5	WH		108	148	D		1	258**63975**
LL120X	6 LED160S/840	PSU	NB		CU7	WH		108	148	D		1	258**64048**
LL120X	6 LED160S/840	PSU	VWB		CU5	WH		108	148	D		1	258**63996**
LL120X	6 LED160S/840	PSU	VWB		CU5	WH		108	148	D		1	258**64059**
LL120X	6 LED160S/840	PSU	VWB		CU7	WH		108	148	D		1	258**64055**
LL120X	6 LED160S/840	PSU	WB		CU5	WH		108	148	D		1	258**63960**
LL120X	6 LED160S/840	PSU	WB		CU5	WH		108	148	D		1	258**63963**
LL120X	6 LED160S/840	PSU	WB		CU5	WH		108	148	D		1	258**63967**
LL120X	6 LED160S/840	PSU	WB		CU7	WH		108	148	D		1	258**63991**
LL120X	6 LED160S/865	PSD	MB		CU7	WH		108	148	D		1	258**64038**
LL120X	6 LED160S/865	PSD	MB		CU7	WH		108	148	D		1	258**64069**
LL120X	6 LED160S/865	PSD	VWB		CU7	WH		108	148	D		1	258**64021**
LL120X	6 LED160S/865	PSU	MB		CU5	WH		108	148	D		1	258**64070**
LL120X	6 LED160S/865	PSU	WB		CU5	WH		108	148	D		1	258**64028**
LL120X	LED150S/840	PSD			CU7	WHITE		126	120	E		1	258**64541**
LL120X	LED150S/840	PSD			CU7	WHITE		126	120	E		1	258**64540**
LL120X	LED150S/840	PSU			CU5	WHITE		126	120	E		1	258**64543**
LL121X	3 LED45S/840	PSD	DA20		CU7	WH		32	141	B	A-F	3, 5, 7	256**82946**
LL121X	3 LED45S/840	PSD	DA20		CU9	WH		32	141	B	A-F	3, 5, 7	256**83011**
LL121X	3 LED45S/840	PSD	NB		CU9	WH		32	141	B	A-F	3, 5, 7	256**83014**
LL121X	3 LED45S/840	PSD	WB		CU7	WH		32	141	B	A-F	10, 11, 12	258**02903**
LL121X	3 LED45S/840	PSU	DA20		CU5	WH		32	141	B	A-F	10	256**82926**
LL121X	3 LED45S/840	PSU	MB		CU5	WH		32	141	B	A-F	10	256**82914**
LL121X	3 LED45S/840	PSU	NB		CU5	WH		32	141	B	A-F	10	256**82955**
LL121X	3 LED45S/840	PSU	WB		CU5	WH		32	141	B	A-F	10	256**82920**
LL121X	3 LED75S/840	PSD		O	CU7	WH		54	139	A		10	258**63981**
LL121X	3 LED76S/830	PSD	A		CU7	WH		54	141	D		10	258**64053**
LL121X	3 LED76S/830	PSD	WB		CU7	WH		54	141	D		10	258**63997**
LL121X	3 LED76S/830	PSD	WB		CU9	WH		54	141	D		10	258**64039**
LL121X	3 LED76S/830	PSU	A		CU5	WH		54	141	D		10	258**64043**
LL121X	3 LED76S/830	PSU	DA20		CU5	WH		54	141	D		10	258**64032**
LL121X	3 LED76S/830	PSU	MB		CU5	WH		54	141	D		10	258**64012**
LL121X	3 LED76S/830	PSU	VWB		C-2A	WH	EL3	56	136	D		10	258**64042**
LL121X	3 LED76S/830	PSU	VWB		CU5	WH		54	141	D		10	258**64034**
LL121X	3 LED76S/830	PSU	VWB		CU7	WH		54	141	D		10	258**64049**
LL121X	3 LED76S/830	PSU	WB		CU5	WH		54	141	D		10	258**63980**
LL121X	3 LED80S/840	PSD	A		CU7	WH		54	148	D		10	258**64035**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/ lens type[5]	Con-nec-tion[6]	Accessory color[7]	Emer-gency lighting[8]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
LL121X	3 LED80S/840	PSD	A		CU7	WH		54	148	D		10	25864046
LL121X	3 LED80S/840	PSD	DA20		CU7	WH		54	148	D		10	25864017
LL121X	3 LED80S/840	PSD	MB		CU7	WH		54	148	D		10	25864004
LL121X	3 LED80S/840	PSD	MB		CU9	WH		54	148	D		10	25864023
LL121X	3 LED80S/840	PSD	NB		CU7	WH		54	148	D		10	25863999
LL121X	3 LED80S/840	PSD	NB		CU9	WH		54	148	D		10	25864008
LL121X	3 LED80S/840	PSD	NB		CU9	WH	EL3	56	143	D		10	25864071
LL121X	3 LED80S/840	PSD	VWB		CU7	WH		54	148	D		10	25864024
LL121X	3 LED80S/840	PSD	VWB		CU7	WH		54	148	D		10	25864066
LL121X	3 LED80S/840	PSD	WB		CU7	WH		54	148	D		10	25863971
LL121X	3 LED80S/840	PSD	WB		CU7	WH		54	148	D		10	25863990
LL121X	3 LED80S/840	PSD	WB		CU9	WH		54	148	D		10	25864005
LL121X	3 LED80S/840	PSD	WB		CU9	WH	EL3	56	143	D		10	25864013
LL121X	3 LED80S/840	PSU	A		CU5	WH		54	148	D		10	25864019
LL121X	3 LED80S/840	PSU	DA20		C-2A	WH	EL3	56	143	D		10	25864045
LL121X	3 LED80S/840	PSU	DA20		CU5	WH		54	148	D		10	25863993
LL121X	3 LED80S/840	PSU	MB		C-2A	WH	EL3	56	143	D		10	25864068
LL121X	3 LED80S/840	PSU	MB		CU5	WH		54	148	D		10	25863982
LL121X	3 LED80S/840	PSU	MB		CU7	WH		54	148	D		10	25864025
LL121X	3 LED80S/840	PSU	NB		C-2A	WH	EL3	56	143	D		10	25864047
LL121X	3 LED80S/840	PSU	NB		CU5	WH		54	148	D		10	25863962
LL121X	3 LED80S/840	PSU	NB		CU5	WH		54	148	D		10	25863958
LL121X	3 LED80S/840	PSU	NB		CU5	WH		54	148	D		10	25864007
LL121X	3 LED80S/840	PSU	NB		CU7	WH		54	148	D		10	25864033
LL121X	3 LED80S/840	PSU	NB		CU7	WH		54	148	D		10	25864051
LL121X	3 LED80S/840	PSU	VWB		CU5	WH		54	148	D		10	25864002
LL121X	3 LED80S/840	PSU	VWB		CU5	WH		54	148	D		10	25864061
LL121X	3 LED80S/840	PSU	VWB		CU7	WH		54	148	D		10	25864056
LL121X	3 LED80S/840	PSU	WB		C-2A	WH	EL3	56	143	D		10	25864003
LL121X	3 LED80S/840	PSU	WB		CU5	WH		54	148	D		10	25863959
LL121X	3 LED80S/840	PSU	WB		CU5	WH		54	148	D		10	25863957
LL121X	3 LED80S/840	PSU	WB		CU5	WH		54	148	D		10	25863973
LL121X	3 LED80S/840	PSU	WB		CU7	WH		54	148	D		10	25864030
LL121X	3 LED80S/840	PSU	WB		CU7	WH		54	148	D		10	25864037
LL121X	3 LED80S/865	PSD	MB		CU9	WH		54	148	D		10	25864057
LL121X	3 LED80S/865	PSD	WB		CU7	WH		54	148	D		10	25864040
LL121X	LED75S/840	PSD			CU7	WHITE		63	120	E		10	25864542
LL121X	LED75S/840	PSU			CU5	WHITE		63	120	E		10	25864544
LL121X	LED76S/830	PSU			C-2A	WH		54	141	D		10	25864630
LL121X	LED76S/840	PSU			CU5	WH		54	141	D		10	25864629
LL121X	LED80S/840	PSD			CU5	WH		54	148	D		10	25864647
LL121X	LED80S/840	PSD			CU5	WH		54	148	D		10	25864646
LL122X	3 LED76S/830	PSU	VWB		CU7	WH		54	141	D			25864036
LL122X	3 LED80S/840	PSD	NB		CU7	WH		54	148	D			25864067
LL122X	3 LED80S/840	PSD	VWB		CU7	WH		54	148	D			25864026
LL122X	3 LED80S/840	PSD	VWB		CU7	WH		54	148	D			25864065
LL122X	3 LED80S/840	PSD	WB		CU7	WH		54	148	D			25864063
LL122X	3 LED80S/840	PSD	WB		CU9	WH		54	148	D			25864029
LL122X	3 LED80S/840	PSU	NB		CU5	WH		54	148	D			25864062
LL122X	3 LED80S/840	PSU	VWB		CU5	WH		54	148	D			25864011
LL122X	3 LED80S/840	PSU	VWB		CU5	WH		54	148	D			25864060
LL122X	3 LED80S/840	PSU	WB		CU5	WH		54	148	D			25864010
LL122X	3 LED80S/840	PSU	WB		CU5	WH		54	148	D			25864058

[1] 'Type' value description(s): 'LL120X' = CoreLine Trunking, 'LL121X' = CoreLine Trunking, 'LL122X' = CoreLine Trunking

[2] 'Lamp' value description(s): 'LED150S' = LED module, system flux 15 000 lm, 'LED152S' = LED module, system flux 15 200 lm, 'LED160S' = LED module, system flux 16 000 lm, 'LED45S' = LED Module, system flux 4 500 lm, 'LED75S' = LED Module, system flux 7 500 lm, 'LED76S' = LED Module, system flux 7 600 lm, 'LED80S' = LED Module, system flux 8 000 lm, 'LED84S' = LED Module, system flux 8 400 lm, 'LED90S' = LED module, system flux 9 000 lm, '830' = 830 warm white, '840' = 840 neutral white, '865' = 865 cool daylight

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'A' = Asymmetrical mirror, 'DA20' = Double asymmetric optic 20°, 'MB' = Medium beam, 'NB' = Narrow beam, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'O' = Opal

[6] 'Connection' value description(s): 'C-2A' = Connector with 2 additional wires for addressable emergency lighting, 'C-2R' = Connector with 2 additional wires for light regulation, 'CU5' = Connection unit 5-pole, 'CU7' = Connection unit 7-pole, 'CU9' = Connection unit 9-pole

[7] 'Accessory color' value description(s): 'WH' = White

[8] 'Emergency lighting' value description(s): 'EL3' = Emergency lighting 3 hours duration

Accessory Range

CoreLine Trunking

A

Chain bracket, 5 pieces

B

End pieces, 6 pieces

C

Ceiling mounting bracket

D

LineSense motion detection unit

E

Suspension wire Ø 2 mm, length 1.25 m

F

Suspension wire Ø 2 mm, length 5 m

G

Suspension wire Ø 2 mm, length 3 m

H

Profile bracket, 5 pieces

I

Electrical connector 7-pole male and female, 5 sets

J

Mounting bracket for suspension wire, 2 end pieces and connection unit 9-pole

K

Mounting bracket for suspension wire, 2 pieces

L

Mounting bracket for suspension wire, 2 end pieces and connection unit 7-pole

M

Ceiling mounting bracket, 2 end pieces and connection unit 7-pole

N

LineSense lighting control box

O

CoreLine trunking LL122X luminaire, half blind cover and half single lumen version

P

CoreLine trunking LL120X/LL121X luminaire, double lumen version, opal

Q

CoreLine trunking LL120X/LL121X luminaire, single lumen version, opal

R

CoreLine trunking LL123X luminaire, track version

S

Accessory Specification

Type[9]	Input Frequency (Hz)	Color[10]	Circuit[11]	Material[12]	CE mark	Mech. impact protection code[13]	IP Classification[14]	Protection class IEC[15]	Electrical accessories[16]	Mechanical accessories[17]	Suspension accessories[18]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
LL120X	50-60	WH		STL	CE	IK02	IP20	I		BC		A	UNP / 1	258**63234**
LL120X	50-60	WH		STL	CE	IK02	IP20	I		BC		A	UNP / 1	258**63236**
LL120Z											SMB-TPM		NO / 200	258**63244**
LL120Z									EC9-M-F			B-I	NO / 6	252**55170**
LL120Z		GN		PA					EC7-M-F			J	NO / 6	252**55041**
LL120Z		No		STL							SW2-1 250	F	NO / 50	252**55038**
LL120Z		No		STL							SW2-3 000	H	NO / 40	252**55039**
LL120Z		No		STL							SW2-5 000	G	NO / 30	252**55040**
LL120Z		WH							CU9	2XEP	MB-SW	B, C, E-I, K	UNP / 1	252**55169**
LL120Z		WH		PC						EP		C	NO / 6	252**55043**
LL120Z		WH		STL							CB	B	NO / 6	252**55042**
LL120Z		WH		STL							MB-SW	L	NO / 6	252**55035**
LL120Z		WH		STL							SMB	D	NO / 6	252**55037**
LL120Z		WH		STL						PB		I	NO / 6	252**55044**
LL120Z		WH		STL					CU7	2XEP	MB-SW	M	UNP / 1	252**55036**
LL120Z		WH		STL					CU7	2XEP	SMB	N	UNP / 1	252**55143**
LL120Z		WH		STL					LCB-7			O	UNP / 1	252**55141**
LL121X	50-60	WH		STL	CE	IK02	IP20	I		BC		P-R	UNP / 1	256**82907**
LL121X	50-60	WH		STL	CE	IK02	IP20	I		BC		A	UNP / 1	258**63235**
LL121X	50-60	WH		STL	CE	IK02	IP20	I		BC		A	UNP / 1	258**63237**
LL123X	50-60		5C6	STL	CE	IK02	IP20	I				P, Q, S	UNP / 1	256**83073**
LL123X	50-60		5C6	STL	CE	IK02	IP20	I				P-S	UNP / 1	256**83072**

[9] 'Type' value description(s): 'LL120X' = CoreLine Trunking, 'LL120Z' = CoreLine Trunking Acc., 'LL121X' = CoreLine Trunking, 'LL123X' = CoreLine Trunking

[10] 'Color' value description(s): 'GN' = Green, 'WH' = White

[11] 'Circuit' value description(s): '5C6' = 3-circuit power track adapter with DALI pulse control GAC600

[12] 'Material' value description(s): 'PA' = Polyamide, 'PC' = Polycarbonate, 'STL' = Steel

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected

[15] 'Protection class IEC' value description(s): 'I' = Safety class I

[16] 'Electrical accessories' value description(s): 'CU7' = Connection unit 7-pole, 'CU9' = Connection unit 9-pole, 'EC7-M-F' = Electrical connector 7-pole male and female, 'EC9-M-F' = Electrical connector 9-pole male and female, 'LCB-7' = Lighting control box version 7

[17] 'Mechanical accessories' value description(s): '2XEP' = 2 end pieces, 'BC' = Blind cover, 'EP' = End piece, 'PB' = Profile bracket

[18] 'Suspension accessories' value description(s): 'CB' = Chain bracket, 'MB-SW' = Mounting bracket for suspension wire, 'SMB' = Ceiling mounting bracket, 'SMB-TPM' = Ceiling bracket for T-profile mounting, 'SW2-1 250' = Suspension wire diameter 2 mm, length 1.25 m, 'SW2-3 000' = Suspension wire diameter 2 mm, length 3 m, 'SW2-5 000' = Suspension wire diameter 2 mm, length 5 m

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
LL120X	50-60	220 to 240					108	1	70 000	50 000	25 000
LL120X	50-60	220 to 240					124	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	108	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	126	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	108	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	126	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	2.300	4.8	108	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-10%	0.97	2.300	4.8	126	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-11%	0.95	0.280	19.0	64	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-11%	0.95	0.280	38.0	64	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-11%	0.95	0.275	44.0	64	1	70 000	50 000	25 000
LL120X	50-60	220 to 240	+/-11%	0.95	2.300	4.8	64	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	54	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	56	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	63	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.275	19.0	54	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	54	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	56	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	63	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-11%	0.95	0.280	19.0	32	1	70 000	50 000	25 000
LL121X	50-60	220 to 240	+/-11%	0.95	0.275	22.0	32	1	70 000	50 000	25 000
LL122X	50-60	220 to 240	+/-10%	0.97	0.280	19.0	54	1	70 000	50 000	25 000
LL122X	50-60	220 to 240	+/-10%	0.97	0.275	22.0	54	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[19]	Light source color[20]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
LL120X	LED84S	840	4000	≥80	117	(0.38, 0.38) SDCM <3	131	8 400	+/-7%
LL120X	LED84S	865	6500	≥80	117	(0.31, 0.33) SDCM <3	131	8 400	+/-7%
LL120X	LED90S	840	4000	≥80	20x68	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	840	4000	≥80	60x24	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	840	4000	≥80	76x74	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	840	4000	≥80	86x80	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	840	4000	≥80	88x94	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	840	4000	≥80	130x88	(0.38, 0.38) SDCM <3	141	9 000	+/-7%
LL120X	LED90S	865	6500	≥80	88x94	(0.31, 0.33) SDCM <3	141	9 000	+/-7%
LL120X	LED150S	840	4000	≥80	114x108	(0.38, 0.38) SDCM <3	120	15 000	+/-2%
LL120X	LED150S	840	4000	≥80	126x116	(0.38, 0.38) SDCM <3	139	15 000	+/-2%
LL120X	LED150S	865	6500	≥80	126x116	(0.38, 0.38) SDCM <3	139	15 000	+/-2%
LL120X	LED152S	830	3000		74x74	(0.38, 0.38) SDCM <3	123	15 200	+/-2.5%
LL120X	LED152S	830	3000	≥80	60x120	(0.38, 0.38) SDCM <3	141	15 200	+/-2%
LL120X	LED152S	830	3000	≥80	76x74	(0.38, 0.38) SDCM <3	141	15 200	+/-2%
LL120X	LED152S	830	3000	≥80	98x104	(0.38, 0.38) SDCM <3	141	15 200	+/-2%
LL120X	LED152S	830	3000	≥80	100x94	(0.38, 0.38) SDCM <3	141	15 200	+/-2%
LL120X	LED152S	830	3000	≥80	140x94	(0.38, 0.38) SDCM <3	141	15 200	+/-2%
LL120X	LED160S	840	4000		86x80	(0.38, 0.38) SDCM <3	129	16 000	+/-2.5%
LL120X	LED160S	840	4000		100x94	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	48x66	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	60x120	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	76x74	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	98x104	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	100x94	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	840	4000	≥80	140x94	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	865	6500	≥80	76x74	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	865	6500	≥80	100x94	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL120X	LED160S	865	6500	≥80	140x94	(0.38, 0.38) SDCM <3	148	16 000	+/-2%
LL121X	LED45S	840	4000	≥80	20x68	(0.38, 0.38) SDCM <3	141	4 500	+/-7%
LL121X	LED45S	840	4000	≥80	76x74	(0.38, 0.38) SDCM <3	141	4 500	+/-7%
LL121X	LED45S	840	4000	≥80	86x80	(0.38, 0.38) SDCM <3	141	4 500	+/-7%

More data see next page

Type	Lamp family code[19]	Light source color[20]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
LL121X	LED45S	840	4000	≥80	88x94	(0.38, 0.38) SDCM <3	141	4 500	+/-7%
LL121X	LED75S	840	4000	≥80	114x108	(0.38, 0.38) SDCM <3	120	7 500	+/-2%
LL121X	LED75S	840	4000	≥80	126x116	(0.38, 0.38) SDCM <3	139	7 500	+/-1%
LL121X	LED76S	830	3000	≥80	60x120	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED76S	830	3000	≥80	76x74	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED76S	830	3000	≥80	98x104	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED76S	830	3000	≥80	100x94	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED76S	830	3000	≥80	140x94	(0.38, 0.38) SDCM <3	136	7 600	+/-1%
LL121X	LED76S	830	3000	≥80	140x94	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED76S	840	3000	≥80	100x94	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL121X	LED80S	840	4000	≥80	48x66	(0.38, 0.38) SDCM <3	143	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	48x66	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	60x120	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	76x74	(0.38, 0.38) SDCM <3	143	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	76x74	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	98x104	(0.38, 0.38) SDCM <3	143	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	98x104	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	100x94	(0.38, 0.38) SDCM <3	143	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	100x94	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	840	4000	≥80	140x94	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	865	6500	≥80	76x74	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL121X	LED80S	865	6500	≥80	100x94	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL122X	LED76S	830	3000	≥80	140x94	(0.38, 0.38) SDCM <3	141	7 600	+/-1%
LL122X	LED80S	840	4000	≥80	48x66	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL122X	LED80S	840	4000	≥80	100x94	(0.38, 0.38) SDCM <3	148	8 000	+/-1%
LL122X	LED80S	840	4000	≥80	140x94	(0.38, 0.38) SDCM <3	148	8 000	+/-1%

[19] 'Lamp family code' value description(s): 'LED150S' = LED module, system flux 15 000 lm, 'LED152S' = LED module, system flux 15 200 lm, 'LED160S' = LED module, system flux 16 000 lm, 'LED45S' = LED Module, system flux 4 500 lm, 'LED75S' = LED Module, system flux 7 500 lm, 'LED76S' = LED Module, system flux 7 600 lm, 'LED80S' = LED Module, system flux 8 000 lm, 'LED84S' = LED Module, system flux 8 400 lm, 'LED90S' = LED module, system flux 9 000 lm

[20] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '865' = 865 cool daylight

Protection & classification standards

Type	Protection class IEC[21]	IP Classification[22]	Mech. impact protection code[23]	CE mark	ENEC mark	Flammability mark[24]	Glow-wire test[25] (°C/s)	RoHS mark
LL120X	I	IP20	IK02	CE	ENEC	F	650/5	
LL120X	I	IP20	IK02	CE	ENEC	F	650/5	ROHS
LL120X	I	IP20	IK02	CE	ENEC	F	850/5	ROHS
LL121X	I	IP20	IK02	CE	ENEC	F	650/5	ROHS
LL121X	I	IP20	IK02	CE	ENEC	F	850/5	ROHS
LL122X	I	IP20	IK02	CE	ENEC	F	650/5	ROHS

[21] 'Protection class IEC' value description(s): 'I' = Safety class I

[22] 'IP Classification' value description(s): 'IP20' = Finger-protected

[23] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[24] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[25] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s, '850/5' = Temperature 850 °C, duration 5 s



Smart Track RCS170 – a reliable way to create outstanding lighting

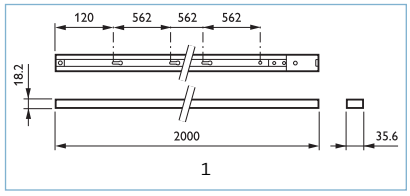
Designed for operation in conjunction with the Smart Spot projector range, Smart Track is a one-phase track with enhanced earthing to ensure safety. This reliable and flexible solution offers a choice of colors, lengths and different-shaped couplers in order to meet challenging applications.

Product Range

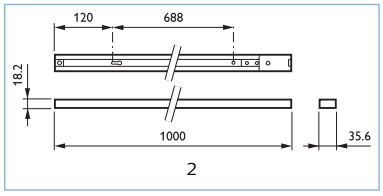

A


B

Dimension Drawing



1



2

Technical Specification

Type	Accessory color[1]	Photo letter	mm	Material Nr. (12NC) (9114...)
RCS170	BK	A	1	008**94080**
RCS170	BK	A	2	008**93780**
RCS170	GR	B	2	008**93880**
RCS170	WH	B	1	008**94280**
RCS170	WH	B	2	008**93980**

[1] 'Accessory color' value description(s): 'BK' = Black, 'GR' = Gray, 'WH' = White

Accessory Range

ZCS170 ICP 1C



A

ZCS170 LCP 1C



B

ZCS170 TCP 1C



C

Accessory Specification

Type	Circuit[2]	Electrical accessories[3]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9114...)
ZCS170	3C	ICP	A	UNP / 50	008**94580**
ZCS170	3C	LCP	B	UNP / 50	008**94880**
ZCS170	3C	LCP	B	UNP / 50	008**94680**
ZCS170	3C	TCP	C	UNP / 50	008**95180**
ZCS170	3C	TCP	C	UNP / 50	008**94980**

[2] 'Circuit' value description(s): '3C' = 3-circuit track

[3] 'Electrical accessories' value description(s): 'ICP' = In-line coupling piece, 'LCP' = L-coupling piece 90°, 'TCP' = T-coupling piece 2x 90°





LED / Module


eColor Cove MX Powercore 335


eW Cove EC Powercore 337


eW Cove MX Powercore 340


eW Cove QLX Powercore 344


iColor Cove EC Powercore 351


iColor Cove MX Powercore 353


iColor Cove QLX Powercore 356


EvenBalance Essential White Powercore 358


eW Profile Powercore gen4 360


eW Profile MX Powercore 362


eW Fuse Powercore 364


eColor Fuse Powercore 367


iW Cove MX Powercore 369


Vaya Cove LP G2 372


Vaya Cove LP 375


Vaya Cove 378


Pentura Mini LED 380


CoreLine Batten 383


Essential Smartbright LED Batten 385

Accessory


Cove Powercore 387



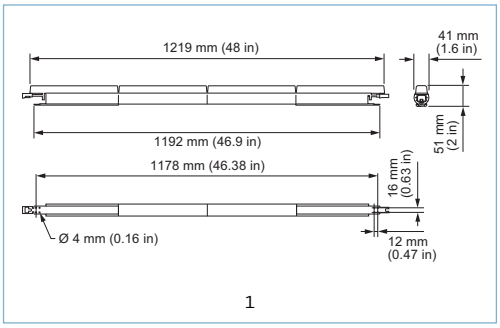
eColor Cove MX Powercore – Premium interior linear LED cove and accent luminaire with solid color light

eColor Cove MX Powercore delivers the highest light output in the line of solid color linear cove lights from Philips Color Kinetics. With medium and wide beam angles and a range of fixed colors, luminaires can be used for accent lighting as well as wall and ceiling cove applications. Offers environmentally conscious buyers a green, energy-efficient lighting solution without sacrificing quality or quantity of light. For more information please visit www.colorkinetics.com/ls/essentialcolor/ecolorcovemxpc/.

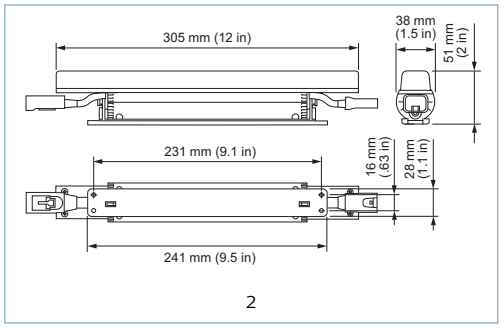
Product Range



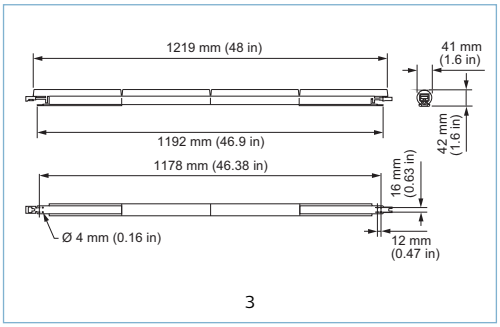
Dimension Drawing



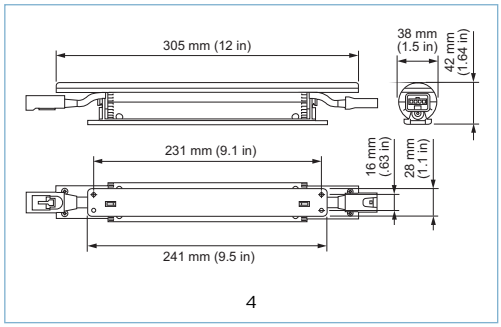
1



2



3



4

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Optical cover/lens type[4]	Accessory color[5]	↔ mm	Material Nr. (12NC) (9105...)
BCX421	10 LED-HB/AM	PSR	MB	PC	WH	1	037**02598**
BCX421	10 LED-HB/AM	PSR	MB	PC	WH	2	037**01115**
BCX421	10 LED-HB/AM	PSR	WB	PC	WH	3	037**02594**
BCX421	10 LED-HB/AM	PSR	WB	PC	WH	4	037**01733**
BCX421	10 LED-HB/BL	PSR	MB	PC	WH	1	037**02597**
BCX421	10 LED-HB/BL	PSR	MB	PC	WH	2	037**01114**
BCX421	10 LED-HB/BL	PSR	WB	PC	WH	3	037**02593**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Optical cover/lens type[4]	Accessory color[5]	⟷ mm ↕	Material Nr. (12NC) (9105...)
BCX421	10 LED-HB/BL	PSR	WB	PC	WH	4	037**01732**
BCX421	10 LED-HB/GN	PSR	MB	PC	WH	1	037**02596**
BCX421	10 LED-HB/GN	PSR	MB	PC	WH	2	037**01113**
BCX421	10 LED-HB/GN	PSR	WB	PC	WH	3	037**02592**
BCX421	10 LED-HB/GN	PSR	WB	PC	WH	4	037**01731**
BCX421	10 LED-HB/RD	PSR	MB	PC	WH	1	037**02595**
BCX421	10 LED-HB/RD	PSR	MB	PC	WH	2	037**01112**
BCX421	10 LED-HB/RD	PSR	WB	PC	WH	3	037**02591**
BCX421	10 LED-HB/RD	PSR	WB	PC	WH	4	037**01730**

[1] 'Lamp' value description(s): 'AM' = Amber, 'BL' = Blue, 'GN' = Green, 'LED-HB' = LED High Brightness, 'RD' = Red

[2] 'Driver/power unit/transformer' value description(s): 'PSR' = Power supply unit regulating

[3] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam

[4] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)
BCX421	50-60	100 to 277

Light technical data

Type	Lamp family code[6]	Light source color[7]	(°)
BCX421	LED-HB	AM	50x70
BCX421	LED-HB	AM	125x120
BCX421	LED-HB	BL	50x70
BCX421	LED-HB	BL	125x120
BCX421	LED-HB	GN	50x70
BCX421	LED-HB	GN	125x120
BCX421	LED-HB	RD	50x70
BCX421	LED-HB	RD	125x120

[6] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[7] 'Light source color' value description(s): 'AM' = Amber, 'BL' = Blue, 'GN' = Green, 'RD' = Red

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	CE mark	UL mark
BCX421	I	IP20	CE	UL-CUL

[8] 'Protection class IEC' value description(s): 'I' = Safety class I

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected



eW Cove EC Powercore – Cost-effective interior linear LED cove and accent luminaire with solid white light

eW Cove EC Powercore is a dimmable, linear LED luminaire that provides an affordable, energy-efficient alternative to traditional cove lighting in applications requiring white light. With its low profile, rotating housing and flexible end-to-end locking power connectors, eW Cove EC Powercore is the perfect choice for a wide range of interior retail, exhibit, hospitality, and architectural settings. For more information please visit www.colorkinetics.com/ls/essentialwhite/ewcoveecpc/.

Product Range



Detailed Photos

eW Cove EC Powercore continuous line



A

eW Cove EC Powercore input connector



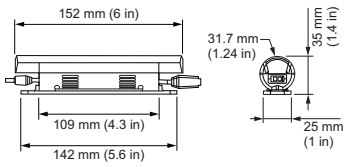
B

eW Cove EC Powercore output connector

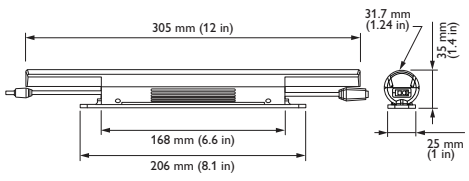


C

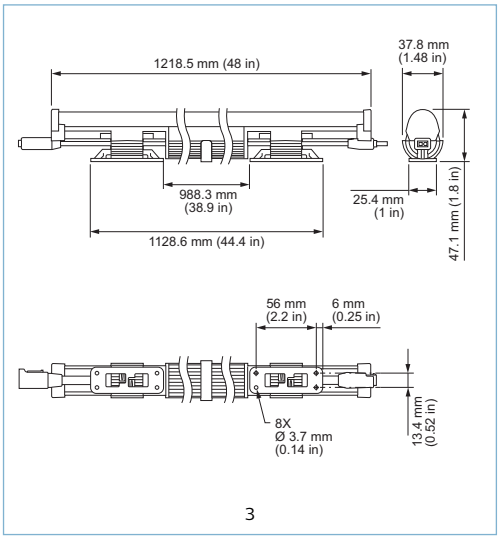
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optical cover/ lens type[4]	Accessory color[5]	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9124...)
BCX422	LED-HB/NW	PSU	PC	DGR	68.9		1	00133255
BCX422	LED-HB/NW	PSU	PC	DGR	68.9		1	00133251
BCX422	LED-HB/NW	PSU	PC	DGR	71.2		1	00133253
BCX422	LED-HB/NW	PSU	PC	DGR	71.2		1	00133249
BCX422	LED-HB/NW	PSU	PC	DGR	72.5		1	00133254
BCX422	LED-HB/NW	PSU	PC	DGR	72.5		1	00133250
BCX422	LED-HB/NW	PSU	PC	DGR	81.6		2	00133271
BCX422	LED-HB/NW	PSU	PC	DGR	81.6	A-C	2	00133267
BCX422	LED-HB/NW	PSU	PC	DGR	84.2		2	00133270
BCX422	LED-HB/NW	PSU	PC	DGR	84.2	A-C	2	00133266
BCX422	LED-HB/NW	PSU	PC	DGR	85.5		2	00133269
BCX422	LED-HB/NW	PSU	PC	DGR	85.5	A-C	2	00133265
BCX422	LED-HB/NW	PSU	PC	DGR	88.3		3	00133283
BCX422	LED-HB/NW	PSU	PC	DGR	88.3		3	00133287
BCX422	LED-HB/NW	PSU	PC	DGR	90.0		3	00133282
BCX422	LED-HB/NW	PSU	PC	DGR	90.0		3	00133286
BCX422	LED-HB/NW	PSU	PC	DGR	91.1		3	00133281
BCX422	LED-HB/NW	PSU	PC	DGR	91.1		3	00133285
BCX422	LED-HB/WW	PSU	PC	DGR	64.0		1	00133252
BCX422	LED-HB/WW	PSU	PC	DGR	64.0		1	00133248
BCX422	LED-HB/WW	PSU	PC	DGR	74.4		2	00133268
BCX422	LED-HB/WW	PSU	PC	DGR	74.4	A-C	2	00133264
BCX422	LED-HB/WW	PSU	PC	DGR	81.2		3	00133280
BCX422	LED-HB/WW	PSU	PC	DGR	81.2		3	00133284

[1] 'Type' value description(s): 'BCX422' = EW COVE EC POWERCORE G2

[2] 'Lamp' value description(s): 'LED-HB' = LED High Brightness, 'NW' = Neutral white, 'WW' = Warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[4] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[5] 'Accessory color' value description(s): 'DGR' = Dark gray

Accessory Range

Jumper cable



A

Mounting track, black



B

Accessory Specification

Type	Type description	Accessory color[6]	Product Length (mm)	Electrical accessories[7]	Suspension accessories[8]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC)
ZCX410	Jumper cable	BK	305	C305P-M-F		A	CT / 100	910403326001
ZCX410	Jumper cable	BK	1 520	C1525P-M-F		A	CT / 50	910403326101
ZCX410	Mounting kit	BK	1 219		RA	B	CT / 25	910503700452

[6] 'Accessory color' value description(s): 'BK' = Black

[7] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C305P-M-F' = Cable 305 mm with male and female plug

[8] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Driver failure rate at 5000 h (%)
BCX422	50-60	220 to 240	0.25

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
BCX422	LED-HB	NW	3000	82	110x110		85.5	263		
BCX422	LED-HB	NW	3000	82	110x110		91.1	877		
BCX422	LED-HB	NW	3000	82	110x110	(0.431, 0.402) SDCM <2	85.5	263		
BCX422	LED-HB	NW	3000	83	110x110		71.2	121		
BCX422	LED-HB	NW	3500	81	110x110		84.2	257		
BCX422	LED-HB	NW	3500	81	110x110	(0.401, 0.386) SDCM <2	84.2	257		
BCX422	LED-HB	NW	3500	82	110x110		72.5	124		
BCX422	LED-HB	NW	3500	82	110x110		90.0	860		
BCX422	LED-HB	NW	4000	82	110x110		81.6	247		247
BCX422	LED-HB	NW	4000	82	110x110		88.3	819		819
BCX422	LED-HB	NW	4000	82	110x110	(0.380, 0.377) SDCM <2	81.6	247		247
BCX422	LED-HB	NW	4000	83	110x110		68.9	117		117
BCX422	LED-HB	WW	2700	83	110x110		64.0	111	111	
BCX422	LED-HB	WW	2700	83	110x110		74.4	228	228	
BCX422	LED-HB	WW	2700	83	110x110		81.2	765	765	
BCX422	LED-HB	WW	2700	83	110x110	(0.453, 0.405) SDCM <2	74.4	228	228	

[9] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[10] 'Light source color' value description(s): 'NW' = Neutral white, 'WW' = Warm white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	CE mark	Flammability mark[13]	Glow-wire test[14] (°C/s)	UL mark
BCX422	II	IP20	CE	F	650/5	UL

[11] 'Protection class IEC' value description(s): 'II' = Safety class II

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected

[13] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[14] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



eW Cove MX Powercore – Premium interior linear LED cove and accent luminaire with solid white light

eW Cove MX Powercore delivers the highest light output in the line of solid white linear cove lights from Philips Color Kinetics. eW Cove MX Powercore can be used for accent lighting and indirect general illumination, as well as the full range of wall and ceiling cove applications. eW Cove MX Powercore meets or exceeds the performance of comparable linear fluorescent strip cove lights while lowering installation, energy, and maintenance costs. eW Cove MX Powercore offers environmentally conscious buyers a green, energy–efficient lighting solution without sacrificing quality or quantity of light. For more information please visit www.colorkinetics.com/ls/essentialwhite/ewcovemxpc/.

Product Range


A


B


C

Detailed Photos

Connection between products


A

Create continious lines of light


B

eW Cove MX Powercore BCX416 surface-mounted LED fixture with leader cable


C

Rotating mechanism


D

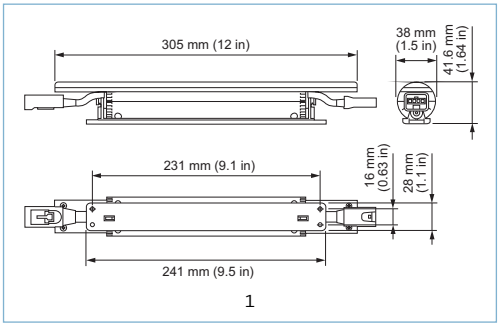
eW Cove MX 1200 mm version – rear view


E

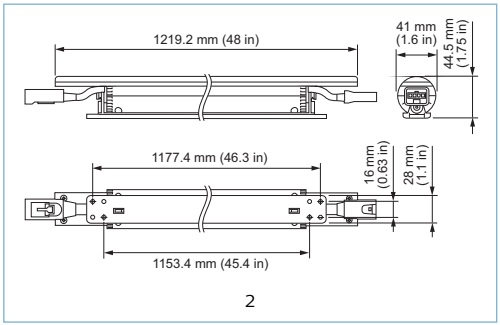
eW Cove MX 1200 mm version – interchangeable with 300 mm version


F

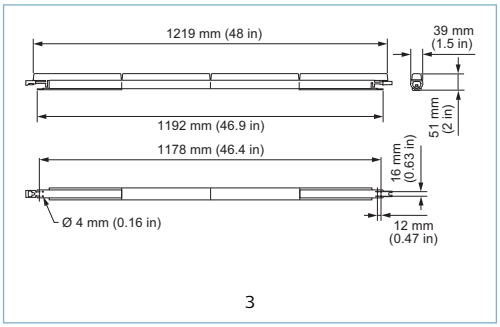
Dimension Drawing



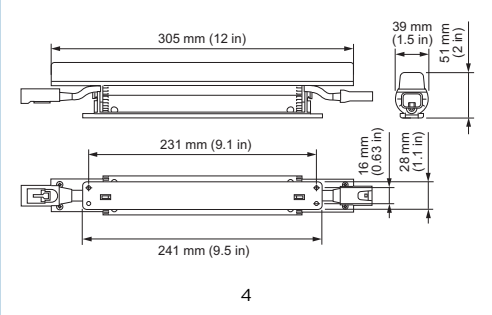
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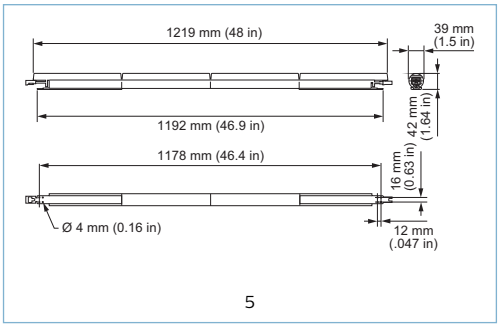
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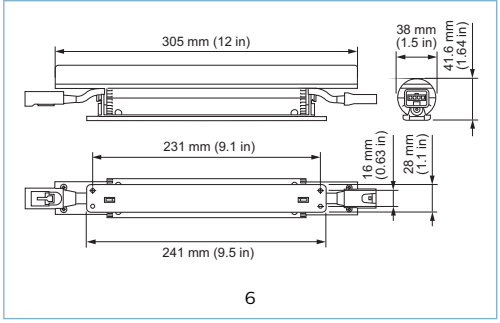
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Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Accessory color[6]	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
BCX416	10 LED-HB		WB	PC	WH	47.0	A	A-C	1	9124001**30177**
BCX416	10 LED-HB/NW	PSR	MB	PC	WH	40.0	B	A-D	2	9105037**02616**
BCX416	10 LED-HB/NW	PSR	MB	PC	WH	40.0	A	A-D	1	9105037**00987**
BCX416	10 LED-HB/NW	PSR	MB	PC	WH	43.5	B	A-D	2	9105037**02541**
BCX416	10 LED-HB/NW	PSR	MB	PC	WH	43.5	A	A-D	1	9105037**00991**
BCX416	10 LED-HB/NW	PSR	WB	PC	WH	48.4	A	A-D	1	9105037**01728**
BCX416	10 LED-HB/NW	PSR	WB	PC	WH	48.4	B	A-D	2	9105037**02682**
BCX416	10 LED-HB/NW	PSR	WB	PC	WH	53.1	B	A-D	2	9105037**02753**
BCX416	10 LED-HB/NW	PSR	WB	PC	WH	53.1	A	A-D	1	9105037**01729**
BCX416	10 LED-HB/WW	PSR	MB	PC	WH	34.9	B	A-D	2	9105037**02614**
BCX416	10 LED-HB/WW	PSR	MB	PC	WH	34.9	A	A-D	1	9105037**00979**
BCX416	10 LED-HB/WW	PSR	MB	PC	WH	36.9	B	A-D	2	9105037**02615**
BCX416	10 LED-HB/WW	PSR	MB	PC	WH	36.9	A	A-D	1	9105037**00983**
BCX416	10 LED-HB/WW	PSR	WB	PC	WH	43.9	A	A-D	1	9105037**01726**
BCX416	10 LED-HB/WW	PSR	WB	PC	WH	43.9	B	A-D	2	9105037**02540**
BCX416	10 LED-HB/WW	PSR	WB	PC	WH	45.3	A	A-D	1	9105037**01727**
BCX416	10 LED-HB/WW	PSR	WB	PC	WH	45.3	B	A-D	2	9105037**02611**
BCX416	18 LED-HB/NW		MB	PC	WH	24.4	C		3	9105037**02713**
BCX416	18 LED-HB/NW		MB	PC	WH	24.4	C		4	9105037**02705**
BCX416	18 LED-HB/NW		MB	PC	WH	24.9	C		4	9105037**02706**
BCX416	18 LED-HB/NW		MB	PC	WH	24.9	C		3	9105037**02714**
BCX416	18 LED-HB/NW		MB	PC	WH	26.7	C		4	9105037**02707**
BCX416	18 LED-HB/NW		MB	PC	WH	26.7	C		3	9105037**02715**
BCX416	18 LED-HB/NW		WB	PC	WH	35.1	C		5	9105037**02710**
BCX416	18 LED-HB/NW		WB	PC	WH	35.1	C		6	9105037**02702**
BCX416	18 LED-HB/NW		WB	PC	WH	36.1	C		5	9105037**02709**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optic type[4]	Optical cover/lens type[5]	Accessory color[6]	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC)
BCX416	18 LED-HB/NW		WB	PC	WH	36.1	C		6	910503702701
BCX416	18 LED-HB/NW		WB	PC	WH	38.5	C		5	910503702711
BCX416	18 LED-HB/NW		WB	PC	WH	38.5	C		6	910503702703
BCX416	18 LED-HB/WW		MB	PC	WH	21.3	C		3	910503702712
BCX416	18 LED-HB/WW		MB	PC	WH	21.3	C		4	910503702704
BCX416	18 LED-HB/WW		WB	PC	WH	30.4	C		5	910503702708
BCX416	18 LED-HB/WW		WB	PC	WH	30.4	C		6	910503702699
BCX416	40 LED-HB/WW		WB	PC	WH		A	A-C, E, F	2	912400130178

[1] 'Type' value description(s): 'BCX416' = eW Cove MX PC

[2] 'Lamp' value description(s): 'LED-HB' = LED High Brightness, 'NW' = Neutral white, 'WW' = Warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSR' = Power supply unit regulating

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[6] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Wiring Compartment	Jumper cable with plugs, length 305 mm	Jumper Cable, length 305 mm	Jumper cable with plugs, length 1525 mm	Jumper Cable 1525 mm	Leader cable with plug, length 3050 mm	Mounting track
						
A	B	C	D	E	F	G

Accessory Specification

Type[7]	Type description	Accessory color[8]	Product Length (mm)	Electrical accessories[9]	Suspension accessories[10]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ZCX416		WH				A	CT / 80	037**00994**
ZCX416	Jumper cable	WH	305	C305P-M-F		B	CT / 100	037**00976**
ZCX416	Jumper cable	WH	305	C305P-M-F		C	CT / 100	037**00974**
ZCX416	Jumper cable	WH	1 520	C1525P-M-F		D	CT / 60	037**00977**
ZCX416	Jumper cable	WH	1 520	C1525P-M-F		E	CT / 60	037**00975**
ZCX416	Leader cable	WH	3 000	C3050P		F	CT / 26	037**00973**
ZCX450	Mounting kit	WH	1 219		RA	G	CT / 50	037**01787**

[7] 'Type' value description(s): 'ZCX450' = CK Indoor Accessories

[8] 'Accessory color' value description(s): 'WH' = White

[9] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C3050P' = Cable 3.05 m with plug, 'C305P-M-F' = Cable 305 mm with male and female plug

[10] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)
BCX416	50-60	100 to 240
BCX416	50-60	100 to 277

Light technical data

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
BCX416	LED-HB		2200	84	125x120	47.0	557		
BCX416	LED-HB	NW	3000	83	110x110	36.1	563		
BCX416	LED-HB	NW	3000	83	110x110	36.1	2 252		
BCX416	LED-HB	NW	3000	84	50x70	24.4	381		
BCX416	LED-HB	NW	3000	84	50x70	24.4	1 524		

More data see next page

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
BCX416	LED-HB	NW	3500	84	50x70	40.0	476		
BCX416	LED-HB	NW	3500	84	50x70	40.0	2 721		
BCX416	LED-HB	NW	3500	84	125x120	48.4	576		
BCX416	LED-HB	NW	3500	84	125x120	48.4	2 721		
BCX416	LED-HB	NW	3500	85	50x70	24.9	388		
BCX416	LED-HB	NW	3500	85	50x70	24.9	1 552		
BCX416	LED-HB	NW	3500	86	110x110	35.1	544		
BCX416	LED-HB	NW	3500	86	110x110	35.1	2 176		
BCX416	LED-HB	NW	4000	81	110x110	38.5	609		609
BCX416	LED-HB	NW	4000	81	110x110	38.5	2 436		2 436
BCX416	LED-HB	NW	4000	82	50x70	26.7	416		416
BCX416	LED-HB	NW	4000	82	50x70	26.7	1 664		1 664
BCX416	LED-HB	NW	4000	83	50x70	43.5	518		518
BCX416	LED-HB	NW	4000	83	50x70	43.5	1 921		1 921
BCX416	LED-HB	NW	4000	83	125x120	53.1	696		696
BCX416	LED-HB	NW	4000	83	125x120	53.1	2 809		2 809
BCX416	LED-HB	WW	2200		125x120		2 281		
BCX416	LED-HB	WW	2700	80	125x120	43.9	2 303	2 303	
BCX416	LED-HB	WW	2700	81	50x70	34.9	2 303	2 303	
BCX416	LED-HB	WW	2700	81	110x110	30.4	475	475	
BCX416	LED-HB	WW	2700	81	110x110	30.4	1 900	1 900	
BCX416	LED-HB	WW	2700	82	50x70	21.3	333	333	
BCX416	LED-HB	WW	2700	82	50x70	21.3	1 332	1 332	
BCX416	LED-HB	WW	2700	82	125x120	43.9	527	527	
BCX416	LED-HB	WW	2700	83	50x70	34.9	384	384	
BCX416	LED-HB	WW	3000	83	50x70	36.9	446		
BCX416	LED-HB	WW	3000	83	50x70	36.9	2 517		
BCX416	LED-HB	WW	3000	83	125x120	45.3	534		
BCX416	LED-HB	WW	3000	83	125x120	45.3	2 517		

[11] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[12] 'Light source color' value description(s): 'NW' = Neutral white, 'WW' = Warm white

Protection & classification standards

Type	Protection class IEC[13]	IP Classification[14]	CE mark	UL mark
BCX416		IP20	CE	UL-CUL
BCX416	I	IP20	CE	UL-CUL

[13] 'Protection class IEC' value description(s): 'I' = Safety class I

[14] 'IP Classification' value description(s): 'IP20' = Finger-protected



eW Cove QLX Powercore – Performance interior linear LED cove and accent luminaire with solid white light

eW Cove QLX Powercore represents the latest in high-quality linear LED cove lighting from Philips Color Kinetics. This elegant, low-profile luminaire delivers up to 432 lumens per foot of white light at an affordable price. eW Cove QLX Powercore is designed to replace traditional cove lighting sources for wall and ceiling glow effects, wall washing, and indirect lighting from a single cove. Multiple color temperatures, beam angles, power levels, and lengths afford an abundance of design options. For more information please visit www.colorkinetics.com/ls/essentialwhite/ewcoveqlxpc/.

Product Range


A


B

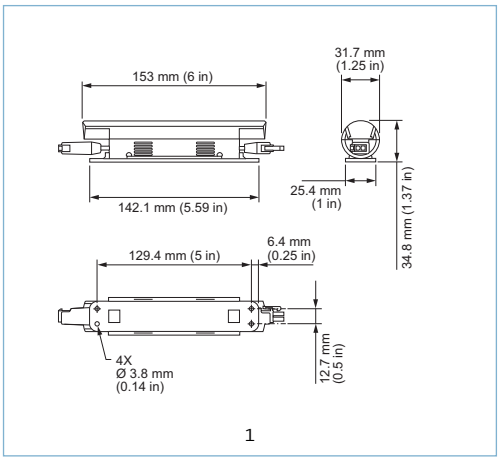

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D

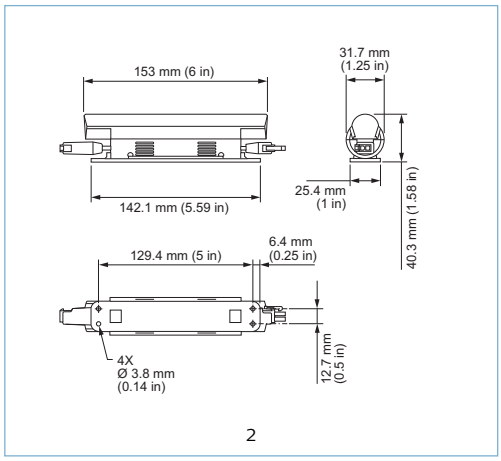

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F

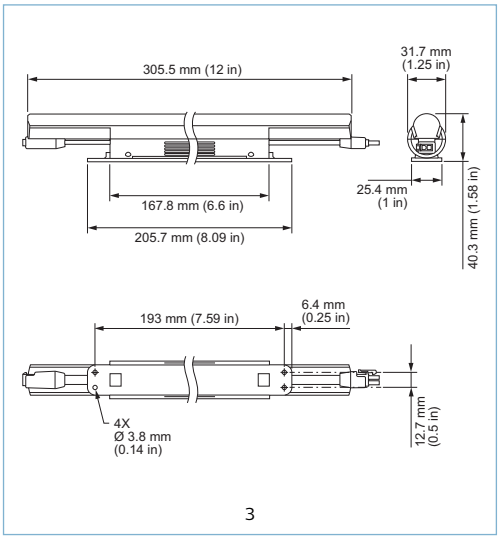
Dimension Drawing



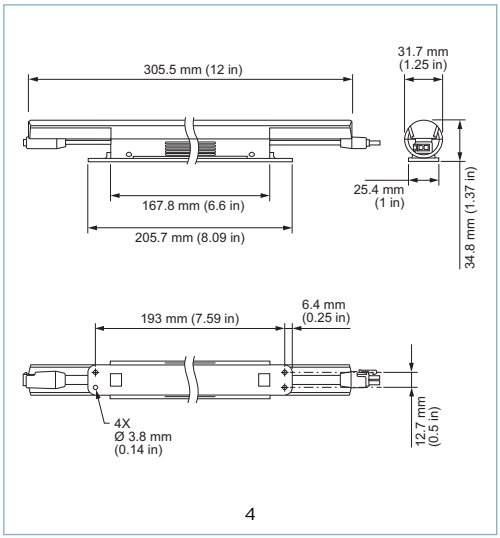
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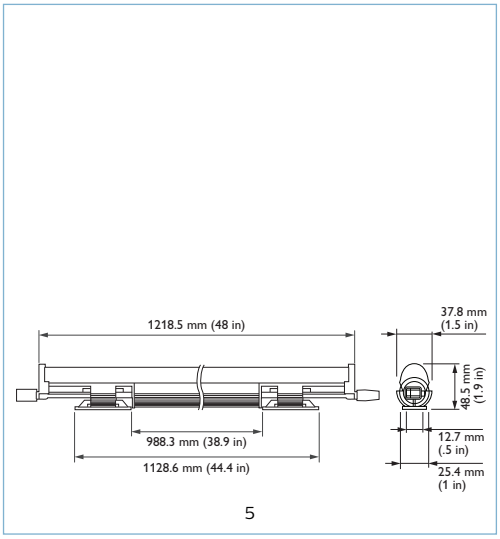
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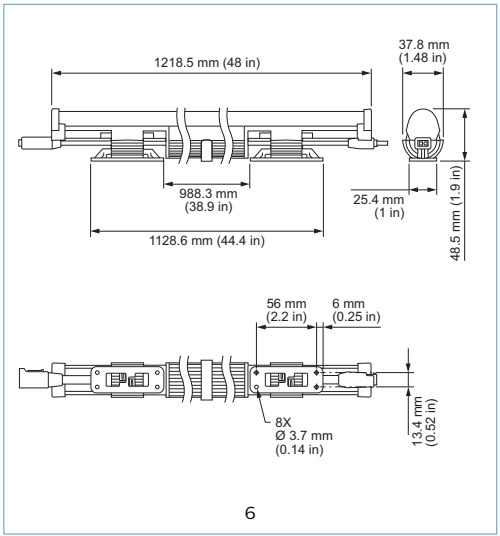
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Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Accessory color[6]	Initial input power (W)	Photo letter	⟷ mm ↕	Material Nr. (12NC) (9105...)
BCX423	LED-HB/NW			PC	GR		A	1	037**05118**
BCX423	LED-HB/NW			PC	GR		A	1	037**05117**
BCX423	LED-HB/NW			PC	GR		B	2	037**05121**
BCX423	LED-HB/NW			PC	GR	2.2	A	1	037**05085**
BCX423	LED-HB/NW			PC	GR	2.2	B	2	037**05088**
BCX423	LED-HB/NW			PC	GR	2.2	B	2	037**05089**
BCX423	LED-HB/NW			PC	GR	2.2	A	1	037**05084**
BCX423	LED-HB/NW			PC	GR	2.7	A	1	037**05101**
BCX423	LED-HB/NW			PC	GR	2.7	A	1	037**05093**
BCX423	LED-HB/NW			PC	GR	2.7	B	2	037**05097**
BCX423	LED-HB/NW			PC	GR	2.7	A	1	037**05092**
BCX423	LED-HB/NW			PC	GR	2.7	A	1	037**05102**
BCX423	LED-HB/NW			PC	GR	2.7	B	2	037**05106**
BCX423	LED-HB/NW			PC	GR	2.7	B	2	037**05096**
BCX423	LED-HB/NW			PC	GR	2.7	B	2	037**05105**
BCX423	LED-HB/NW			PC	GR	3.0	A	1	037**05109**
BCX423	LED-HB/NW			PC	GR	3.0	A	1	037**05110**
BCX423	LED-HB/NW			PC	GR	3.0	B	2	037**05113**
BCX423	LED-HB/NW			PC	GR	3.5	B	2	037**05129**
BCX423	LED-HB/NW			PC	GR	5.1	C	3	037**05203**
BCX423	LED-HB/NW			PC	GR	5.5	C	3	037**05218**
BCX423	LED-HB/NW			PC	GR	5.5	C	3	037**05219**
BCX423	LED-HB/NW			PC	GR	5.5	D	4	037**05214**
BCX423	LED-HB/NW			PC	GR	5.5	D	4	037**05215**
BCX423	LED-HB/NW			PC	GR	6.0	D	4	037**05222**

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Accessory color[6]	Initial input power (W)	Photo letter	⟷ mm	Material Nr. (12NC) (9105...)
BCX423	LED-HB/NW			PC	GR	6.0	C	3	03**705227**
BCX423	LED-HB/NW			PC	GR	6.0	D	4	03**705223**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705246**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705271**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705251**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705254**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705274**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705266**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705275**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705262**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705267**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705263**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705250**
BCX423	LED-HB/NW			PC	GR	15.0	E	6	03**705258**
BCX423	LED-HB/NW			PC	GR	15.0	E	5	03**705247**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705278**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705286**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705298**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705290**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705279**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705283**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705282**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705294**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705295**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705307**
BCX423	LED-HB/NW			PC	GR	19.0	E	5	03**705304**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705308**
BCX423	LED-HB/NW			PC	GR	19.0	E	6	03**705299**
BCX423	LED-HB/NW	PSU		PC	GR	4.0	C	3	03**705170**
BCX423	LED-HB/NW	PSU		PC	GR	4.0	C	3	03**705169**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	D	4	03**705181**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	D	4	03**705182**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	C	3	03**705185**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	C	3	03**705186**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	C	3	03**705177**
BCX423	LED-HB/NW	PSU		PC	GR	4.2	D	4	03**705173**
BCX423	LED-HB/NW	PSU		PC	GR	5.0	C	3	03**705193**
BCX423	LED-HB/NW	PSU		PC	GR	5.0	C	3	03**705194**
BCX423	LED-HB/NW	PSU		PC	GR	5.0	D	4	03**705189**
BCX423	LED-HB/NW	PSU		PC	GR	5.0	D	4	03**705190**
BCX423	LED-HB/NW	PSU		PC	GR	5.1	D	4	03**705197**
BCX423	LED-HB/NW	PSU		PC	GR	5.1	C	3	03**705202**
BCX423	LED-HB/NW	PSU		PC	GR	5.1	D	4	03**705198**
BCX423	LED-HB/NW	PSU	MB	PC	GR		B	2	03**705122**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.0	B	2	03**705114**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	B	2	03**705130**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	B	2	03**705138**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	A	1	03**705133**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	A	1	03**705134**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	A	1	03**705126**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	B	2	03**705137**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.5	A	1	03**705125**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.8	B	2	03**705146**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.8	A	1	03**705142**
BCX423	LED-HB/NW	PSU	MB	PC	GR	3.8	A	1	03**705141**
BCX423	LED-HB/NW	PSU	MB	PC	GR	4.0	D	4	03**705165**
BCX423	LED-HB/NW	PSU	MB	PC	GR	4.0	D	4	03**705166**
BCX423	LED-HB/NW	PSU	MB	PC	GR	4.2	F	3	03**705178**
BCX423	LED-HB/NW	PSU	MB	PC	GR	5.5	F	3	03**705211**
BCX423	LED-HB/NW	PSU	MB	PC	GR	5.5	F	3	03**705210**
BCX423	LED-HB/NW	PSU	MB	PC	GR	15.0	F	6	03**705259**
BCX423	LED-HB/NW	PSU	MB	PC	GR	19.0	F	6	03**705291**
BCX423	LED-HB/NW	PSU	WB	PC	GR	4.2	F	4	03**705174**
BCX423	LED-HB/NW	PSU	WB	PC	GR	5.5	F	4	03**705207**
BCX423	LED-HB/NW	PSU	WB	PC	GR	5.5	F	4	03**705206**

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Accessory color[6]	Initial input power (W)	Photo letter	⟷ mm	Material Nr. (12NC) (9105...)
BCX423	LED-HB/NW	PSU	WB	PC	GR	15.0	F	5	03705255
BCX423	LED-HB/NW	PSU	WB	PC	GR	19.0	F	5	03705287
BCX423	LED-HB/WW			PC	GR		B	2	03705119
BCX423	LED-HB/WW			PC	GR		A	1	03705115
BCX423	LED-HB/WW			PC	GR		A	1	03705116
BCX423	LED-HB/WW			PC	GR		B	2	03705120
BCX423	LED-HB/WW			PC	GR	2.2	B	2	03705087
BCX423	LED-HB/WW			PC	GR	2.2	A	1	03705083
BCX423	LED-HB/WW			PC	GR	2.2	B	2	03705086
BCX423	LED-HB/WW			PC	GR	2.2	A	1	03705082
BCX423	LED-HB/WW			PC	GR	2.7	A	1	03705090
BCX423	LED-HB/WW			PC	GR	2.7	A	1	03705091
BCX423	LED-HB/WW			PC	GR	2.7	A	1	03705099
BCX423	LED-HB/WW			PC	GR	2.7	B	2	03705094
BCX423	LED-HB/WW			PC	GR	2.7	B	2	03705095
BCX423	LED-HB/WW			PC	GR	2.7	B	2	03705103
BCX423	LED-HB/WW			PC	GR	2.7	B	2	03705104
BCX423	LED-HB/WW			PC	GR	2.7	A	1	03705098
BCX423	LED-HB/WW			PC	GR	3.0	B	2	03705111
BCX423	LED-HB/WW			PC	GR	3.0	A	1	03705108
BCX423	LED-HB/WW			PC	GR	3.0	A	1	03705107
BCX423	LED-HB/WW			PC	GR	3.0	B	2	03705112
BCX423	LED-HB/WW			PC	GR	3.5	B	2	03705127
BCX423	LED-HB/WW			PC	GR	5.5	D	4	03705213
BCX423	LED-HB/WW			PC	GR	5.5	C	3	03705216
BCX423	LED-HB/WW			PC	GR	5.5	D	4	03705212
BCX423	LED-HB/WW			PC	GR	5.5	C	3	03705217
BCX423	LED-HB/WW			PC	GR	6.0	D	4	03705220
BCX423	LED-HB/WW			PC	GR	6.0	D	4	03705221
BCX423	LED-HB/WW			PC	GR	6.0	C	3	03705224
BCX423	LED-HB/WW			PC	GR	6.0	C	3	03705225
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705264
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705268
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705272
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705248
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705265
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705269
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705273
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705244
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705245
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705261
BCX423	LED-HB/WW			PC	GR	15.0	E	5	03705260
BCX423	LED-HB/WW			PC	GR	15.0	E	6	03705249
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705277
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705281
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705276
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705293
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705280
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705296
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705292
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705297
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705302
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705305
BCX423	LED-HB/WW			PC	GR	19.0	E	5	03705301
BCX423	LED-HB/WW			PC	GR	19.0	E	6	03705306
BCX423	LED-HB/WW	PSU		PC	GR	4.0	C	3	03705167
BCX423	LED-HB/WW	PSU		PC	GR	4.0	C	3	03705168
BCX423	LED-HB/WW	PSU		PC	GR	4.2	D	4	03705180
BCX423	LED-HB/WW	PSU		PC	GR	4.2	C	3	03705183
BCX423	LED-HB/WW	PSU		PC	GR	4.2	D	4	03705179
BCX423	LED-HB/WW	PSU		PC	GR	4.2	C	3	03705184
BCX423	LED-HB/WW	PSU		PC	GR	5.0	D	4	03705188
BCX423	LED-HB/WW	PSU		PC	GR	5.0	C	3	03705192
BCX423	LED-HB/WW	PSU		PC	GR	5.0	D	4	03705187
BCX423	LED-HB/WW	PSU		PC	GR	5.0	C	3	03705191

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Optical cover/ lens type[5]	Accessory color[6]	Initial input power (W)	Photo letter	⟷ mm	Material Nr. (12NC) (9105...)
BCX423	LED-HB/WW	PSU		PC	GR	5.1	D	4	037**05196**
BCX423	LED-HB/WW	PSU		PC	GR	5.1	D	4	037**05195**
BCX423	LED-HB/WW	PSU		PC	GR	5.1	C	3	037**05201**
BCX423	LED-HB/WW	PSU		PC	GR	5.1	C	3	037**05199**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	B	2	037**05135**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	B	2	037**05128**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	A	1	037**05124**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	A	1	037**05123**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	B	2	037**05136**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	A	1	037**05131**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.5	A	1	037**05132**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.8	A	1	037**05139**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.8	A	1	037**05140**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.8	B	2	037**05143**
BCX423	LED-HB/WW	PSU	MB	PC	GR	3.8	B	2	037**05144**
BCX423	LED-HB/WW	PSU	MB	PC	GR	4.0	D	4	037**05164**
BCX423	LED-HB/WW	PSU	MB	PC	GR	4.0	D	4	037**05163**
BCX423	LED-HB/WW	PSU	MB	PC	GR	4.2	F	3	037**05175**
BCX423	LED-HB/WW	PSU	MB	PC	GR	4.2	F	3	037**05176**
BCX423	LED-HB/WW	PSU	MB	PC	GR	5.5	F	3	037**05208**
BCX423	LED-HB/WW	PSU	MB	PC	GR	5.5	F	3	037**05209**
BCX423	LED-HB/WW	PSU	MB	PC	GR	15.0	F	6	037**05256**
BCX423	LED-HB/WW	PSU	MB	PC	GR	15.0	F	6	037**05257**
BCX423	LED-HB/WW	PSU	MB	PC	GR	19.0	F	6	037**05288**
BCX423	LED-HB/WW	PSU	MB	PC	GR	19.0	F	6	037**05289**
BCX423	LED-HB/WW	PSU	WB	PC	GR	4.2	F	4	037**05171**
BCX423	LED-HB/WW	PSU	WB	PC	GR	4.2	F	4	037**05172**
BCX423	LED-HB/WW	PSU	WB	PC	GR	5.5	F	4	037**05205**
BCX423	LED-HB/WW	PSU	WB	PC	GR	5.5	F	4	037**05204**
BCX423	LED-HB/WW	PSU	WB	PC	GR	15.0	F	5	037**05252**
BCX423	LED-HB/WW	PSU	WB	PC	GR	15.0	F	5	037**05253**
BCX423	LED-HB/WW	PSU	WB	PC	GR	19.0	F	5	037**05284**
BCX423	LED-HB/WW	PSU	WB	PC	GR	19.0	F	5	037**05285**

[1] 'Type' value description(s): 'BCX423' = EW COVE QLX POWERCORE G2

[2] 'Lamp' value description(s): 'LED-HB' = LED High Brightness, 'NW' = Neutral white, 'WW' = Warm white

[3] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam

[5] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[6] 'Accessory color' value description(s): 'GR' = Gray

Accessory Range

Jumper cable, 1525 mm



Accessory Specification

Type[7]	Type description	Accessory color[8]	Product Length (mm)	Electrical accessories[9]	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ZCX410	Jumper cable	WH	305	C305P-M-F	CT / 100	037**00897**
ZCX410	Jumper cable	WH	1 520	C1525P-M-F	CT / 50	037**00898**

[7] 'Type' value description(s): 'ZCX410' = eW Cove PC Access.

[8] 'Accessory color' value description(s): 'WH' = White

[9] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C305P-M-F' = Cable 305 mm with male and female plug

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BCX423	50-60		2.7				
BCX423	50-60		3.5				
BCX423	50-60		3.5	0.25	75 000	44 000	17 000
BCX423	50-60		4.2	0.25	75 000	44 000	17 000
BCX423	50-60		5.5				
BCX423	50-60		15.0				
BCX423	50-60		19.0				
BCX423	50-60	120					
BCX423	50-60	120		0.25	75 000	44 000	17 000
BCX423	50-60	120	2.2				
BCX423	50-60	120	4.0	0.25	75 000	44 000	17 000
BCX423	50-60	120	5.1				
BCX423	50-60	120	5.1	0.25	75 000	44 000	17 000
BCX423	50-60	120	15.0				
BCX423	50-60	120	19.0				
BCX423	50-60	220 to 240	4.2	0.25	75 000	44 000	17 000
BCX423	50-60	220 to 240	5.5	0.25	75 000	44 000	17 000
BCX423	50-60	220 to 240	15.0				
BCX423	50-60	220 to 240	15.0	0.25	75 000	44 000	17 000
BCX423	50-60	220 to 240	19.0	0.25	75 000	44 000	17 000
BCX423	50-60	277	3.0				
BCX423	50-60	277	3.0	0.25	75 000	44 000	17 000
BCX423	50-60	277	3.8	0.25	75 000	44 000	17 000
BCX423	50-60	277	5.0	0.25	75 000	44 000	17 000
BCX423	50-60	277	6.0				
BCX423	50-60	277	15.0				
BCX423	50-60	277	19.0				

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
BCX423	LED-HB	NW	3500		60x90		
BCX423	LED-HB	NW	3500		110x110		
BCX423	LED-HB	NW	3500	82	60x90		
BCX423	LED-HB	NW	3500	82	110x110		
BCX423	LED-HB	NW	3500	83	60x90		
BCX423	LED-HB	NW	3500	83	110x110		
BCX423	LED-HB	NW	4000		60x90		
BCX423	LED-HB	NW	4000		110x110		
BCX423	LED-HB	NW	4000	82	60x90		178
BCX423	LED-HB	NW	4000	82	60x90		329
BCX423	LED-HB	NW	4000	82	60x90		401
BCX423	LED-HB	NW	4000	82	60x90		1 487
BCX423	LED-HB	NW	4000	82	110x110		342
BCX423	LED-HB	NW	4000	82	110x110		422
BCX423	LED-HB	NW	4000	83	60x90		156
BCX423	LED-HB	NW	4000	83	60x90		1 487
BCX423	LED-HB	NW	4000	83	110x110		160
BCX423	LED-HB	NW	4000	83	110x110		202
BCX423	LED-HB	NW	4000	83	110x110		1 524
BCX423	LED-HB	NW	4000	84	60x90		1 350
BCX423	LED-HB	NW	4000	84	110x110		1 317
BCX423	LED-HB	WW	2700		60x90		
BCX423	LED-HB	WW	2700		110x110		
BCX423	LED-HB	WW	2700	83	60x90	148	
BCX423	LED-HB	WW	2700	83	60x90	166	
BCX423	LED-HB	WW	2700	83	60x90	306	
BCX423	LED-HB	WW	2700	83	60x90	361	
BCX423	LED-HB	WW	2700	83	60x90	1 143	
BCX423	LED-HB	WW	2700	83	60x90	1 361	

More data see next page

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
BCX423	LED-HB	WW	2700	83	110x110		
BCX423	LED-HB	WW	2700	83	110x110	154	
BCX423	LED-HB	WW	2700	83	110x110	176	
BCX423	LED-HB	WW	2700	83	110x110	316	
BCX423	LED-HB	WW	2700	83	110x110	384	
BCX423	LED-HB	WW	2700	83	110x110	1 108	
BCX423	LED-HB	WW	2700	83	110x110	1 372	
BCX423	LED-HB	WW	3000		110x110		
BCX423	LED-HB	WW	3000	82	60x90		
BCX423	LED-HB	WW	3000	82	110x110		

[10] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[11] 'Light source color' value description(s): 'NW' = Neutral white, 'WW' = Warm white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	Flammability mark[15]	Glow-wire test[16] (°C/s)
BCX423		IP20		CE		
BCX423	II	IP20	IK00	CE	F	650/5

[12] 'Protection class IEC' value description(s): 'II' = Safety class II

[13] 'IP Classification' value description(s): 'IP20' = Finger-protected

[14] 'Mech. impact protection code' value description(s): 'IK00' = No protection

[15] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[16] 'Glow-wire test' value description(s): '650/5' = Temperature 650 °C, duration 5 s



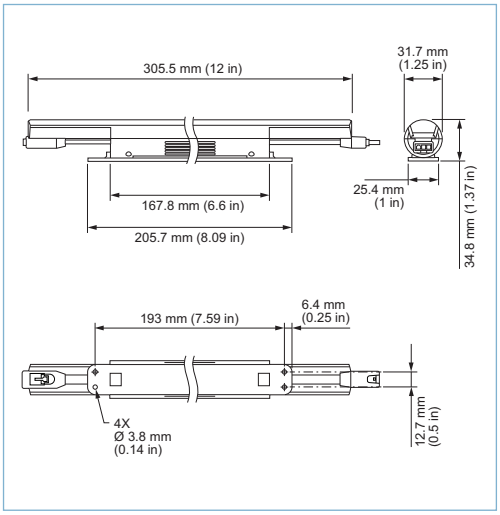
iColor Cove EC Powercore – Cost-effective line-voltage LED cove and accent luminaire with intelligent color light

iColor Cove EC Powercore is the most cost-effective member of the popular iColor Cove family. This compact luminaire is designed for accent, perimeter, cove lighting, and backlighting where lower light intensity and lower costs are desired. iColor Cove EC Powercore combines professional-grade color mixing with the efficiency and cost-effectiveness of patented Powercore technology to bring color-changing light and lighting effects to alcoves, task areas, and other tight spaces. For more information please visit www.colorkinetics.com/ls/rgb/icolorcoveecpowercore/.

Product Range



Dimension Drawing



Technical Specification

Type	Lamp[1]	Optic type[2]	Optical cover/ lens type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Material Nr. (12NC) (9105...)
LS520X	LED-HB/CK-RGB	WB	PC	CI	GR	5	25.0	037**02809**

[1] 'Lamp' value description(s): 'CK-RGB' = RGB, 'LED-HB' = LED High Brightness

[2] 'Optic type' value description(s): 'WB' = Wide beam

[3] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[4] 'Connection' value description(s): 'CI' = Internal connector

[5] 'Accessory color' value description(s): 'GR' = Gray

Accessory Range

iColor Cove EC Powercore Terminators



A

Data Enabler Pro



B

Accessory Specification

Type[6]	Type description	Input Voltage (V)	Accessory color[7]	CE mark	Protection class IEC[8]	Electrical accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS520Z	Jumper cable	110 to 277	BK	CE	II	C305P-M-F	A	CT / 100	037**03205**
LS520Z	Jumper cable	110 to 277	BK	CE	II	C1525P-M-F	A	CT / 50	037**03206**
LS520Z	Leader cable	110 to 277	BK	CE	II	C3050P	A	CT / 25	037**03199**
LS520Z	Terminator, 10 pieces		BK				A	CT / 50	037**03261**
ZCX400	Data enabler Pro for EU, 100-240 V			CE			B	CT / 4	037**01211**

[6] 'Type' value description(s): '**ZCX400**' = POWER/DATA ACC.

[7] 'Accessory color' value description(s): '**BK**' = Black

[8] 'Protection class IEC' value description(s): '**II**' = Safety class II

[9] 'Electrical accessories' value description(s): '**C1525P-M-F**' = Cable 1 525 mm with male and female plug, '**C3050P**' = Cable 3.05 m with plug, '**C305P-M-F**' = Cable 305 mm with male and female plug

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
LS520X	50-60	100 to 277	5

Light technical data

Type	Lamp family code[10]	Light source color[11]	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)
LS520X	LED-HB	CK-RGB	110x120	25.0	90

[10] 'Lamp family code' value description(s): '**LED-HB**' = LED High Brightness

[11] 'Light source color' value description(s): '**CK-RGB**' = RGB

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	CE mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	UL mark
LS520X	II	IP20	CE	F	650/5	UL-CUL

[12] 'Protection class IEC' value description(s): '**II**' = Safety class II

[13] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[14] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



iColor Cove MX Powercore – Premium interior linear LED cove and accent luminaire with intelligent color light

This high-intensity LED luminaire affords virtually limitless options for filling indoor alcoves and accent spaces with vibrant light. As the premium member of the iColor Cove family, iColor Cove MX Powercore is also ideally suited for backlighting and cost-effective indoor wall washing. Combines professional-grade color mixing and output of up to 387 lumens per foot with the efficiency and cost-effectiveness of Powercore technology. For more information please visit www.colorkinetics.com/ls/rgb/covemx/.

Product Range


A


B

Detailed Photos

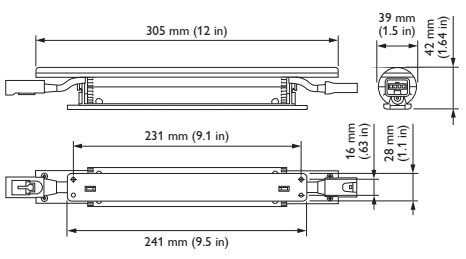
iColor Cove MX Powercore 1200 mm version – rear view


A

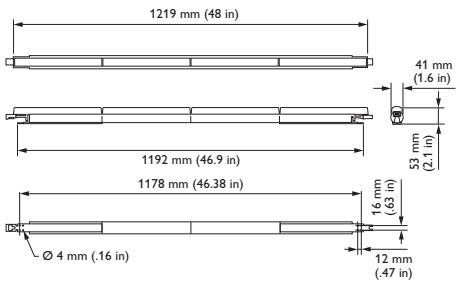
iColor Cove MX Powercore 1200 mm version – interchangeable with 300 mm version


B

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Optic type[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
LS421X	LED3/RGB	50	WH	12	17.2	A		1	037**01222**
LS421X	LED3/RGB	110	WH	12	23.5	A		1	037**01221**
LS421X	LED3/RGB	MB	WH	12		B	A, B	2	037**02588**
LS421X	LED3/RGB	WB	WH	12		B	A, B	2	037**02587**

[1] 'Type' value description(s): 'LS421X' = iColorCove MX

[2] 'Lamp' value description(s): 'LED3' = LED Module 300 lm, 'RGB' = Red, green and blue

[3] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam, '50' = Beam angle 50°, '110' = Beam angle 110°

[4] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Jumper Cable 1525 mm with plug male and female



A

Jumper Cable 305 mm with plug male and female



B

Leader Cable 3.05 m with plug



C

Data Enabler Pro



D

Mounting track



E



F

Accessory Specification

Type[5]	Type description	Accessory color[6]	Product Length (mm)	CE mark	Electrical accessories[7]	Suspension accessories[8]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS451Z	Jumper cable	WH					A	CT / 60	037**01682**
LS451Z	Jumper cable	WH					B	CT / 100	037**01683**
LS451Z	Jumper cable	WH			C305P-M-F		B	CT / 100	037**01685**
LS451Z	Jumper cable	WH			C1525P-M-F		A	CT / 60	037**01684**
LS451Z	Leader cable	WH			C3050P			CT / 26	037**01686**
LS451Z	Leader cable	WH			C3050P		C	CT / 26	037**01687**
ZCX400	Data enabler Pro for EU, 100-240 V			CE			D	CT / 4	037**01211**
ZCX450	Mounting kit	WH	1 219			RA	E	CT / 50	037**01787**
ZCX450	Terminator, 10 pieces	WH					F	CT / 45	037**00146**

[5] 'Type' value description(s): 'LS451Z' = iColorCove Accessories, 'ZCX400' = POWER/DATA ACC., 'ZCX450' = CK Indoor Accessories

[6] 'Accessory color' value description(s): 'WH' = White

[7] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C3050P' = Cable 3.05 m with plug, 'C305P-M-F' = Cable 305 mm with male and female plug

[8] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
LS421X	50-60	100 to 240	12

Light technical data

Type	Lamp family code[9]	Light source color[10]	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)
LS421X	LED3	RGB	50x70		
LS421X	LED3	RGB	50x70	17.2	296
LS421X	LED3	RGB	125x120		
LS421X	LED3	RGB	125x120	23.5	387

[9] 'Lamp family code' value description(s): 'LED3' = LED Module 300 lm

[10] 'Light source color' value description(s): 'RGB' = Red, green and blue

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	Glow-wire test[14] (°C/s)	UL mark
LS421X	I	IP20	IK02	CE	850/5	UL-CUL

[11] 'Protection class IEC' value description(s): 'I' = Safety class I

[12] 'IP Classification' value description(s): 'IP20' = Finger-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



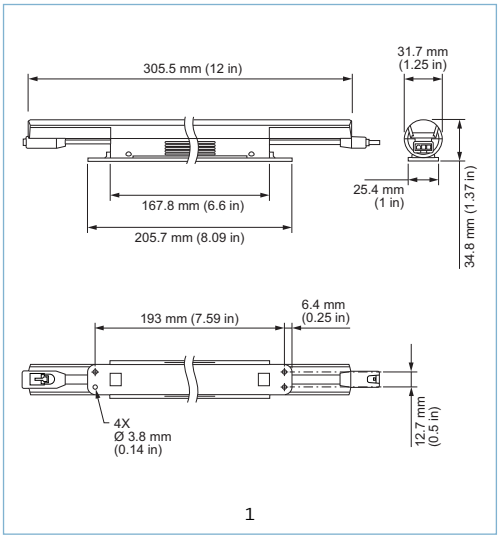
iColor Cove QLX Powercore – Performance line-voltage LED cove and accent luminaire with intelligent color light

At up to 132 lumens per foot, iColor Cove QLX Powercore compact linear LED cove luminaires deliver saturated color and dynamic effects in an economical, energy-efficient package. Wide and medium beam angles, an integrated rotating mount for precise positioning, and flexible mounting options support a wide range of backlighting, cove lighting, and accent lighting applications. For more information please visit www.colorkinetics.com/ls/rgb/icolorcoveqlxpowercore/.

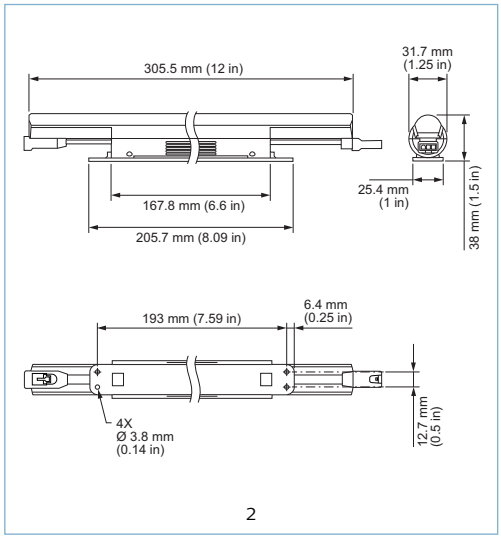
Product Range



Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Optical cover/lens type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	⟷ mm ↕	Material Nr. (12NC) (9105...)
LS530X	CK-RGB	PC	CI	WH	7	22.0	1	037**02815**
LS530X	CK-RGB	PC	CI	WH	7	22.0	2	037**02816**

[1] 'Type' value description(s): '**LS530X**' = iColor Cove QLX Powercore

[2] 'Lamp' value description(s): '**CK-RGB**' = RGB

[3] 'Optical cover/lens type' value description(s): '**PC**' = Polycarbonate bowl/cover

[4] 'Connection' value description(s): '**CI**' = Internal connector

[5] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Leader cable, 3050 mm



A

Data Enabler Pro



B

Mounting track, black



C

Terminator



D

Accessory Specification

Type[6]	Type description	Input Voltage (V)	Accessory color[7]	Product Length (mm)	CE mark	Protection class IEC[8]	Electrical accessories[9]	Suspension accessories[10]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS530Z	Jumper cable		WH			II	C152P-M-F		A	CT / 100	037**03257**
LS530Z	Jumper cable		WH			II	C1525P-M-F		A	CT / 50	037**03258**
LS530Z	Jumper cable	110 to 277	WH		CE	II	C305P-M-F		A	CT / 100	037**03259**
LS530Z	Jumper cable	110 to 277	WH		CE	II	C1525P-M-F		A	CT / 50	037**03260**
LS530Z	Leader cable	110 to 277	WH		CE	II	C3050P		A	CT / 25	037**03202**
ZCX400	Data enabler Pro for EU, 100-240 V				CE				B	CT / 4	037**01211**
ZCX410	Mounting kit		BK	1 219				RA	C	CT / 25	037**00452**
ZCX416	Terminator, 10 pieces		WH						D	CT / 50	037**01120**

[6] 'Type' value description(s): '**ZCX400**' = POWER/DATA ACC.

[7] 'Accessory color' value description(s): '**BK**' = Black, '**WH**' = White

[8] 'Protection class IEC' value description(s): '**II**' = Safety class II

[9] 'Electrical accessories' value description(s): '**C1525P-M-F**' = Cable 1 525 mm with male and female plug, '**C152P-M-F**' = Cable 152 mm with plug male and female, '**C3050P**' = Cable 3.05 m with plug, '**C305P-M-F**' = Cable 305 mm with male and female plug

[10] 'Suspension accessories' value description(s): '**RA**' = Mounting rail/profile

Electrical data

Type	Input Voltage (V)	Initial input power (W)
LS530X	100 to 277	7

Light technical data

Type	Light source color[11]	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)
LS530X	CK-RGB	70x105	22.0	150
LS530X	CK-RGB	115x110	22.0	150

[11] 'Light source color' value description(s): '**CK-RGB**' = RGB

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	CE mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	UL mark
LS530X	II	IP20	CE	F	650/5	UL-CUL

[12] 'Protection class IEC' value description(s): '**II**' = Safety class II

[13] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[14] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '**650/5**' = Temperature 650 °C, duration 5 s



Interior linear solid white light forward throw asymmetric luminaire

EvenBalance Essential White Powercore is a compact interior linear luminaire that is ideal for washing and grazing applications where uniform light is paramount. The forward-throw asymmetric optic efficiently provides industry-leading illuminance uniformity. Two beam spreads: Washing and Grazing, two lengths: 305 mm (1 ft) and 1 219 mm (4 ft), and the ability to continuously rotate the fixture up to 180° enable a high degree of flexibility for lighting designers when using EvenBalance Essential White Powercore. For more information please visit www.colorkinetics.com/ls/essentialwhite/EvenBalance/.

Product Range


A


B

Detailed Photos

EvenBalance Essential White Washing Powercore, 1219 mm (4 ft), End Connection


A

EvenBalance Essential White Washing Powercore, 1219 mm (4 ft), End Connection


B

EvenBalance Essential White Washing Powercore, 1219 mm (4 ft), Side View

C

EvenBalance Essential White Washing Powercore, 1219 mm (4 ft), Above View

D

EvenBalance Essential White Washing Powercore, 305 mm (1 ft), End Connection


E

EvenBalance Essential White Washing Powercore, 305 mm (1 ft), Side View

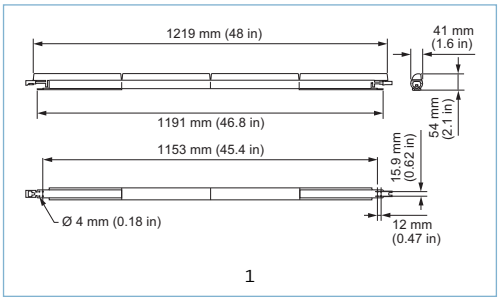

F

EvenBalance Essential White Washing Powercore, 305 mm (1 ft), End Connection

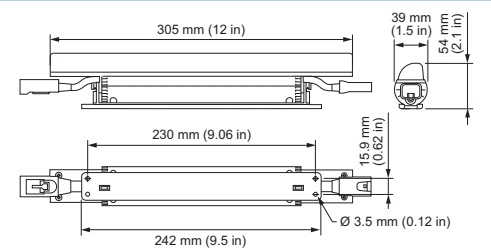

G

EvenBalance Essential White Washing Powercore, 305 mm (1 ft), Above View

H



1



2

Technical Specification

Type[1]	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9124...)
LS550L	A	A-D	1	00134218
LS550L	A	A-D	1	00134223
LS550L	B	E-H	2	00134219
LS550L	B	E-H	2	00134221
LS550L	A	A-D	1	00134225
LS550L	A	A-D	1	00134226
LS550L	A	A-D	1	00134217
LS550L	A	A-D	1	00134224
LS550L	A	A-D	1	00134216
LS550L	B	E-H	2	00134213
LS550L	A	A-D	1	00134215
LS550L	B	E-H	2	00134220
LS550L	B	E-H	2	00134211
LS550L	B	E-H	2	00134214
LS550L	B	E-H	2	00134222
LS550L	B	E-H	2	00134212

[1] 'Type' value description(s): 'LS550L' = EVENBALANCE

Light technical data

Type	Init. Corr. Color Temperature (K)
LS550L	2700
LS550L	3000
LS550L	3500
LS550L	4000



eW Profile Powercore gen4 - Ultra-low profile LED under-cabinet luminaire for workspace and accent lighting

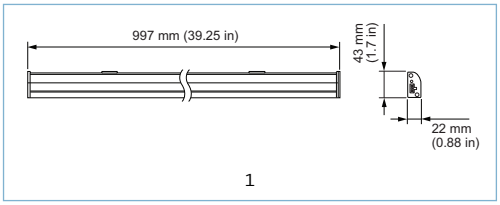
Profile gen4 brings advanced under-cabinet lighting to today's sophisticated kitchens. Thanks to its ultra-low profile, Profile gen4 fits seamlessly into any kitchen—from galley to grand, including retrofits and new construction. To create the right ambiance, it offers four popular color temperatures (2 700 K, 3 000 K, 3 500 K, or 4 000 K). A choice of luminaire lengths and a wide range of accessories keep installation fast and easy. Exceptional energy efficiency can generate rebates right from the start, and deliver dramatic energy savings over many years of reliable use.

For more information, visit www.colorkinetics.com/ls/essentialwhite/eW-Profile-Powercore-gen4/

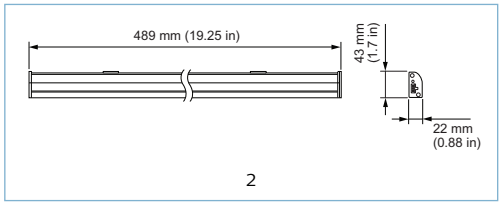
Product Range



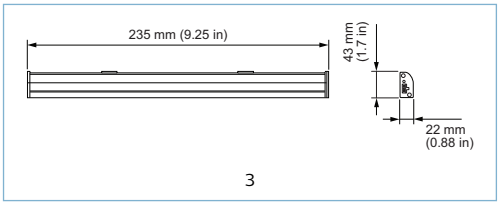
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Optic type[2]	Optical cover/lens type[3]	Accessory color[4]	mm	Material Nr. (12NC) (9124...)
BCX413	WB	PC	WH	1	001**35971**
BCX413	WB	PC	WH	2	001**35967**
BCX413	WB	PC	WH	3	001**35978**
BCX413	WB	PC	WH	1	001**35977**
BCX413	WB	PC	WH	1	001**35968**
BCX413	WB	PC	WH	1	001**35983**
BCX413	WB	PC	WH	3	001**35981**
BCX413	WB	PC	WH	2	001**35982**
BCX413	WB	PC	WH	1	001**35965**
BCX413	WB	PC	WH	1	001**35962**
BCX413	WB	PC	WH	1	001**35980**
BCX413	WB	PC	WH	3	001**35975**
BCX413	WB	PC	WH	3	001**35972**
BCX413	WB	PC	WH	3	001**35960**
BCX413	WB	PC	WH	2	001**35970**

More data see next page

Type[1]	Optic type[2]	Optical cover/lens type[3]	Accessory color[4]	mm	Material Nr. (12NC) (9124...)
BCX413	WB	PC	WH	2	001**35976**
BCX413	WB	PC	WH	3	001**35966**
BCX413	WB	PC	WH	3	001**35969**
BCX413	WB	PC	WH	2	001**35961**
BCX413	WB	PC	WH	2	001**35979**
BCX413	WB	PC	WH	2	001**35973**
BCX413	WB	PC	WH	3	001**35963**
BCX413	WB	PC	WH	1	001**35974**
BCX413	WB	PC	WH	2	001**35964**

[1] 'Type' value description(s): 'BCX413' = eW Profile PC MSR

[2] 'Optic type' value description(s): 'WB' = Wide beam

[3] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[4] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Switched Permanent Wiring Compartment, White



A

White in-line end-to-end coupling piece 120 V, 5 pieces



B

Jumper cable, 457 mm



C

Y Jumper cable



D

Jumper cable, 1525 mm



E

Mounting rail, white, 229 mm

F

Mounting rail, white, 483 mm

G

Mounting rail, white, 991 mm

H

Accessory Specification

Type	Type description	Input Voltage (V)	Accessory color[5]	Product Length (mm)	Electrical accessories[6]	Suspension accessories[7]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
ZCX411		230	WH		JB2-PWR		A	CT / 50	037**01022**
ZCX411	End-to-end coupler, 5 pieces	230	WH	20	ICP		B	CT / 48	037**00368**
ZCX411	Jumper cable		WH	152			C	CT / 64	037**00260**
ZCX411	Jumper cable		WH	305			C	CT / 64	037**00261**
ZCX411	Jumper cable		WH	305			D	CT / 24	037**00264**
ZCX411	Jumper cable		WH	460			C	CT / 32	037**00262**
ZCX411	Jumper cable		WH	1 520			E	CT / 24	037**00263**
ZCX411	Mounting kit	230	WH	229		RA	F	UNP / 1	037**00273**
ZCX411	Mounting kit	230	WH	483		RA	G	UNP / 1	037**00271**
ZCX411	Mounting kit	230	WH	991		RA	H	UNP / 1	037**00272**

[5] 'Accessory color' value description(s): 'WH' = White

[6] 'Electrical accessories' value description(s): 'ICP' = In-line coupling piece, 'JB2-PWR' = Junction box 2-pole with power switch

[7] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Light technical data

Type	Init. Corr. Color Temperature (K)	(°)
BCX413	2700	105
BCX413	3000	105
BCX413	3500	105
BCX413	4000	105

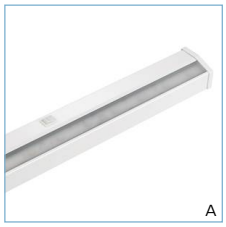


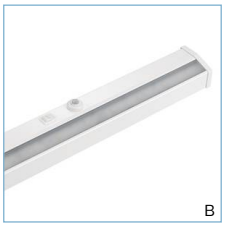
Under-cabinet workplace LED task light for rapid retrofits and exceptional energy savings

eW Profile MX Powercore is a linear, direct line voltage LED under-cabinet light for common office and workplace task applications. Offers a rapid LED retrofit for traditional halogen or fluorescent task lights. Low power draw per foot and optional occupancy sensor maximize energy efficiency.

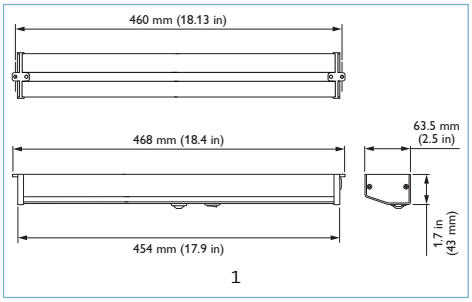
For more information please visit www.colorkinetics.com/ls/essentialwhite/ewprofilemxpowercore/.

Product Range

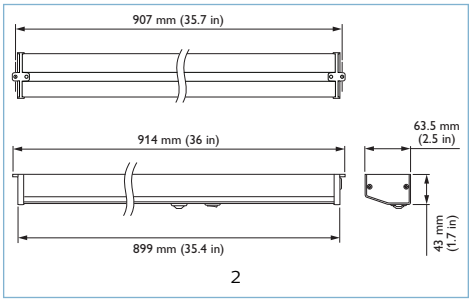




Dimension Drawing



1



2

Technical Specification

Type	Lamp[1]	Optic type[2]	Optical cover/lens type[3]	Accessory color[4]	Photo letter	mm	Material Nr. (12NC) (9105...)
LS540X	NW	110	PCT	WH	A	1	037**02293**
LS540X	NW	110	PCT	WH	A	2	037**01957**
LS540X	NW	110	PCT	WH	A	2	037**02304**
LS540X	NW	110	PCT	WH	B	1	037**02294**
LS540X	NW	110	PCT	WH	B	2	037**01956**
LS540X	NW	110	PCT	WH	B	2	037**01958**
LS540X	NW	110	PCT	WH	A	2	037**02302**
LS540X	NW	110	PCT	WH	A	2	037**01955**
LS540X	NW	110	PCT	WH	B	2	037**01954**
LS540X	NW	110	PCT	WH	A	2	037**01953**
LS540X	NW	110	PCT	WH	B	1	037**01946**
LS540X	NW	110	PCT	WH	B	1	037**01950**
LS540X	NW	110	PCT	WH	A	1	037**01949**
LS540X	NW	110	PCT	WH	B	1	037**01948**
LS540X	NW	110	PCT	WH	A	1	037**01947**
LS540X	NW	110	PCT	WH	A	1	037**01945**
LS540X	NW	110	PCT	WH	A	1	037**02297**

More data see next page

Type	Lamp[1]	Optic type[2]	Optical cover/lens type[3]	Accessory color[4]	Photo letter	mm	Material Nr. (12NC) (9105...)
LS540X	NW	110	PCT	WH	B	2	037**02307**
LS540X	NW	110	PCT	WH	A	2	037**02306**
LS540X	NW	110	PCT	WH	B	1	037**02296**
LS540X	NW	110	PCT	WH	B	2	037**02305**
LS540X	NW	110	PCT	WH	A	1	037**04398**
LS540X	NW	110	PCT	WH	B	1	037**02298**
LS540X	NW	110	PCT	WH	B	2	037**02303**
LS540X	WW	110	PCT	WH	A	1	037**02292**
LS540X	WW	110	PCT	WH	B	2	037**01952**
LS540X	WW	110	PCT	WH	A	2	037**01951**
LS540X	WW	110	PCT	WH	B	1	037**01944**
LS540X	WW	110	PCT	WH	A	1	037**01943**
LS540X	WW	110	PCT	WH	B	2	037**02301**
LS540X	WW	110	PCT	WH	A	2	037**02299**
LS540X	WW	110	PCT	WH	B	1	037**02314**

[1] 'Lamp' value description(s): 'NW' = Neutral white, 'WW' = Warm white

[2] 'Optic type' value description(s): '110' = Beam angle 110°

[3] 'Optical cover/lens type' value description(s): 'PCT' = Polycarbonate bowl/cover transparent

[4] 'Accessory color' value description(s): 'WH' = White

Light technical data

Type	Light source color[5]	Init. Corr. Color Temperature (K)	(°)
LS540X	NW	3000	110
LS540X	NW	3500	110
LS540X	NW	4000	110
LS540X	WW	2700	110

[5] 'Light source color' value description(s): 'NW' = Neutral white, 'WW' = Warm white

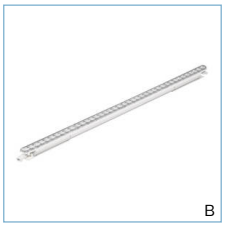


eW Fuse Powercore – Linear interior LED wall grazing luminaire with solid white light

With narrow and medium beams of intense white or solid blue light, eW Fuse Powercore is an excellent choice for a full range of surface grazing and wall-washing applications. Its ultra-compact form factor permits installation in tight spaces too small to accommodate conventional grazing luminaires with similar light output. eW Fuse Powercore meets or exceeds the performance of comparable linear fluorescent grazing luminaires while lowering installation, energy, and maintenance costs. It offers environmentally-conscious buyers a green, energy-efficient grazing luminaire with industry-leading quality and quantity of light. Integrated Powercore technology ensures rapid, efficient and accurate control of power output to the fixture directly from line voltage, eliminating the need for external power supplies. Use of standard wiring dramatically simplifies installation and helps lower total system cost. For more information please visit www.colorkinetics.com/ls/essentialwhite/ewfusepc/.

Product Range


A


B

Detailed Photos

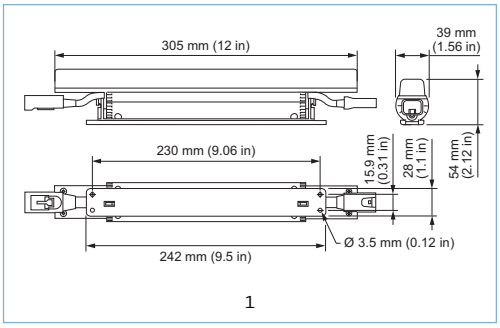
eW Fuse Powercore 1200 mm version – rear view


A

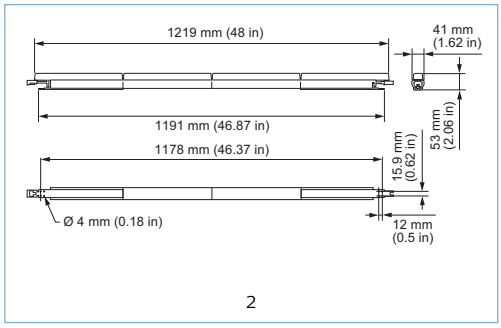
eW Fuse Powercore 1200 mm version – interchangeable with 300 mm version


B

Dimension Drawing



1



2

Technical Specification

Type[1]	Lamp[2]	Optic type[3]	Optical cover/ lens type[4]	Accessory color[5]	Initial input power (W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
LS515X	LED5/827	MB		WH	13.5	A		1	037**01721**
LS515X	LED5/827	MB	PC	WH	50.0	B	A, B	2	037**02621**
LS515X	LED5/827	NB		WH	13.5	A		1	037**01717**
LS515X	LED5/827	NB		WH	50.0	B	A, B	2	037**02617**
LS515X	LED5/830	MB		WH	13.5	A		1	037**01722**
LS515X	LED5/830	MB		WH	50.0	B	A, B	2	037**02622**
LS515X	LED5/830	NB		WH	13.5	A		1	037**01718**
LS515X	LED5/830	NB		WH	50.0	B	A, B	2	037**02618**
LS515X	LED5/835	MB		WH	13.5	A		1	037**01723**
LS515X	LED5/835	MB		WH	50.0	B	A, B	2	037**02623**
LS515X	LED5/835	NB		WH	13.5	A		1	037**01719**
LS515X	LED5/835	NB		WH	50.0	B	A, B	2	037**02619**
LS515X	LED5/840	MB		WH	13.5	A		1	037**01724**
LS515X	LED5/840	MB		WH	50.0	B	A, B	2	037**02624**
LS515X	LED5/840	NB		WH	13.5	A		1	037**01720**
LS515X	LED5/840	NB		WH	50.0	B	A, B	2	037**02620**

[1] 'Type' value description(s): 'LS515X' = eW Fuse Powercore

[2] 'Lamp' value description(s): 'LED5' = LED Module 500 lm, '827' = 827 warm white, '830' = 830 warm white, '835' = 835 neutral white, '840' = 840 neutral white

[3] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam

[4] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[5] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Jumper Cable 305 mm with plug male and female



A

Jumper Cable 1525 mm with plug male and female



B

Leader Cable 3.05 m with plug



C

Jumper cable with plugs, length 305 mm



D

Jumper cable with plugs, length 1525 mm



E

Leader cable with plug, length 3050 mm



F

Terminator



G

Mounting track



H

Accessory Specification

Type[6]	Type description	Accessory color[7]	Product Length (mm)	Electrical accessories[8]	Suspension accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS451Z	Jumper cable	WH		C305P-M-F		A	CT / 100	037**01685**
LS451Z	Jumper cable	WH		C1525P-M-F		B	CT / 60	037**01684**
LS451Z	Leader cable	WH		C3050P			CT / 26	037**01686**
LS451Z	Leader cable	WH		C3050P		C	CT / 26	037**01687**
ZCX416	Jumper cable	WH	305	C305P-M-F		D	CT / 100	037**00976**
ZCX416	Jumper cable	WH	1 520	C1525P-M-F		E	CT / 60	037**00977**
ZCX416	Leader cable	WH	3 000	C3050P		F	CT / 26	037**00973**
ZCX416	Terminator, 10 pieces	WH				G	CT / 50	037**01120**
ZCX450	Mounting kit	WH	1 219		RA	H	CT / 50	037**01787**

[6] 'Type' value description(s): 'LS451Z' = iColorCove Accessories, 'ZCX450' = CK Indoor Accessories

[7] 'Accessory color' value description(s): 'WH' = White

[8] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C3050P' = Cable 3.05 m with plug, 'C305P-M-F' = Cable 305 mm with male and female plug

[9] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
LS515X	50-60	100 to 277	13.5
LS515X	50-60	100 to 277	50.0

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial luminous flux (system flux) (lm)
LS515X	LED5	827	2700		10x60	2 050
LS515X	LED5	827	2700		30x60	2 100
LS515X	LED5	827	2700	83	10x60	500
LS515X	LED5	827	2700	83	30x60	500
LS515X	LED5	830	3000		10x60	2 400
LS515X	LED5	830	3000		30x60	2 400
LS515X	LED5	830	3000	83	10x60	500
LS515X	LED5	830	3000	83	30x60	500
LS515X	LED5	835	3500		10x60	2 400
LS515X	LED5	835	3500		30x60	2 400
LS515X	LED5	835	3500	83	10x60	500
LS515X	LED5	835	3500	84	30x60	500
LS515X	LED5	840	4000		10x60	500
LS515X	LED5	840	4000		10x60	2 600
LS515X	LED5	840	4000		30x60	500
LS515X	LED5	840	4000		30x60	2 650

[10] 'Lamp family code' value description(s): '**LED5**' = LED Module 500 lm

[11] 'Light source color' value description(s): '**827**' = 827 warm white, '**830**' = 830 warm white, '**835**' = 835 neutral white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	Mech. impact protection code[14]	CE mark	Glow-wire test[15] (°C/s)	UL mark
LS515X	I	IP20	IK02	CE	850/5	
LS515X	I	IP20	IK02	CE	850/5	UL

[12] 'Protection class IEC' value description(s): '**I**' = Safety class I

[13] 'IP Classification' value description(s): '**IP20**' = Finger-protected

[14] 'Mech. impact protection code' value description(s): '**IK02**' = 0.2 J standard

[15] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s



eColor Fuse Powercore – linear interior LED wall grazing luminaire with solid color light

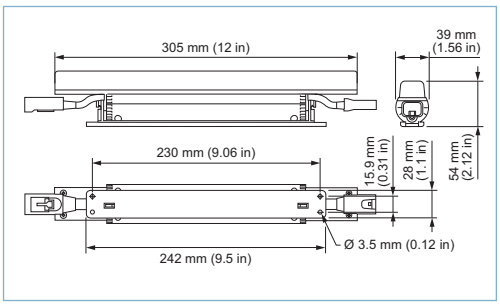
With narrow and medium beams of intense solid color light, eColor Fuse Powercore is an excellent choice for surface grazing and wall-washing applications. Its ultra-compact form factor permits installation in tight spaces too small to accommodate conventional grazing luminaires with similar light output. Lowers installation, energy, and maintenance costs. Offers environmentally-conscious buyers a green, energy-efficient grazing luminaire with industry-leading quality and quantity of light.

For more information please visit www.colorkinetics.com/ls/essentialcolor/ecfusepc/.

Product Range



Dimension Drawing



Technical Specification

Type[1]	Lamp[2]	Optic type[3]	Accessory color[4]	Initial input power (W)	Material Nr. (12NC) (9105...)
LS518X	10 LED-HB/AM	MB	WH	10.0	037**01716**
LS518X	10 LED-HB/AM	NB	WH	10.0	037**01712**
LS518X	10 LED-HB/BL	MB	WH	12.5	037**01715**
LS518X	10 LED-HB/BL	NB	WH	12.5	037**01711**
LS518X	10 LED-HB/GN	MB	WH	12.5	037**01714**
LS518X	10 LED-HB/GN	NB	WH	12.5	037**01710**
LS518X	10 LED-HB/RD	MB	WH	12.5	037**01713**
LS518X	10 LED-HB/RD	NB	WH	12.5	037**01709**

[1] 'Type' value description(s): 'LS518X' = eColorFuse Powercore

[2] 'Lamp' value description(s): 'AM' = Amber, 'BL' = Blue, 'GN' = Green, 'LED-HB' = LED High Brightness, 'RD' = Red

[3] 'Optic type' value description(s): 'MB' = Medium beam, 'NB' = Narrow beam

[4] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
LS518X	50-60	100 to 277	10.0
LS518X	50-60	100 to 277	12.5

Light technical data

Type	Lamp family code[5]	Light source color[6]	(°)
LS518X	LED-HB	AM	10x60
LS518X	LED-HB	AM	30x60
LS518X	LED-HB	BL	10x60
LS518X	LED-HB	BL	30x60
LS518X	LED-HB	GN	10x60
LS518X	LED-HB	GN	30x60
LS518X	LED-HB	RD	10x60
LS518X	LED-HB	RD	30x60

[5] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[6] 'Light source color' value description(s): 'AM' = Amber, 'BL' = Blue, 'GN' = Green, 'RD' = Red

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Glow-wire test[10] (°C/s)	UL mark
LS518X	I	IP20	IK02	CE	850/5	UL-CUL

[7] 'Protection class IEC' value description(s): 'I' = Safety class I

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



iW Cove MX Powercore – Premium interior linear LED cove and accent luminaire with intelligent white light

iW Cove MX Powercore is a high-performance, white-light LED luminaire that brilliantly illuminates alcoves and other interior spaces wherever adjustable color temperature is required. With three channels of warm, neutral, and cool LED sources, this compact, versatile luminaire offers a color temperature range of 2 700 K to 6 500 K. With its rotating housing, flexible end-to-end locking power connectors, and wide and medium beam angles, iW Cove MX Powercore is the perfect choice for retail, exhibit, hospitality, and architectural applications. For more information please visit www.colorkinetics.com/ls/intelliwhite/iwcovemxpc/.

Product Range


A


B

Detailed Photos

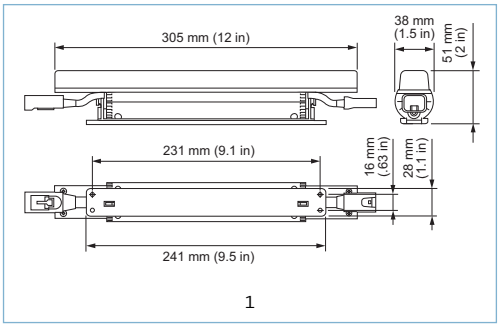
iW Cove MX Powercore 1200 mm version – rear view


A

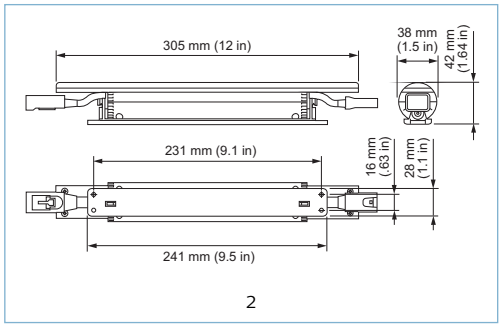
iW Cove MX Powercore 1200 mm version – interchangeable with 300 mm version


B

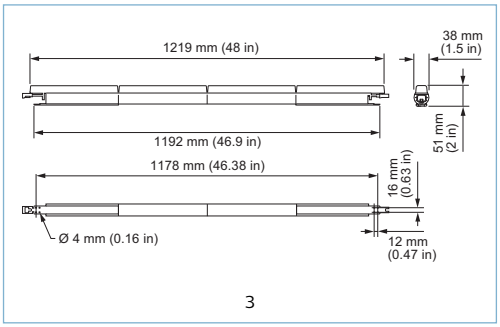
Dimension Drawing



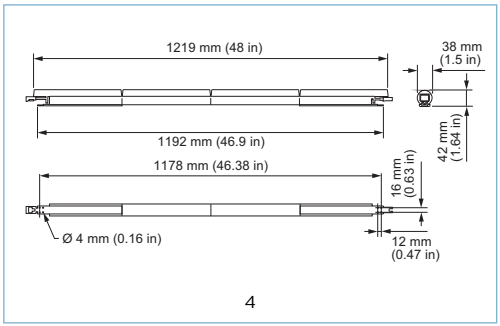
1



2



3



4

Technical Specification

Type[1]	Lamp[2]	Optic type[3]	Optical cover/lens type[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
LS425X	LED4/CW-WW	50	PCC	WH	13	27.6	A		1	037**01231**
LS425X	LED4/CW-WW	110	PCC	WH	13	37.3	A		2	037**01230**
LS425X	LED4/CW-WW	MB	PCC	WH	50	34.4	B	A, B	3	037**02609**
LS425X	LED4/CW-WW	WB	PCC	WH	50	48.6	B	A, B	4	037**02608**

[1] 'Type' value description(s): 'LS425X' = iW Cove MX Powercore

[2] 'Lamp' value description(s): 'CW-WW' = Cool white and warm white, 'LED4' = LED Module 400 lm

[3] 'Optic type' value description(s): 'MB' = Medium beam, 'WB' = Wide beam, '50' = Beam angle 50°, '110' = Beam angle 110°

[4] 'Optical cover/lens type' value description(s): 'PCC' = Polycarbonate bowl/cover clear

[5] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Jumper Cable 305 mm with plug male and female


A

Jumper Cable 1525 mm with plug male and female


B

Leader Cable 3.05 m with plug


C

Mounting track


D

Accessory Specification

Type[6]	Type description	Accessory color[7]	Product Length (mm)	Electrical accessories[8]	Suspension accessories[9]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS451Z	Jumper cable	WH		C305P-M-F		A	CT / 100	037**01685**
LS451Z	Jumper cable	WH		C1525P-M-F		B	CT / 60	037**01684**
LS451Z	Leader cable	WH		C3050P		C	CT / 26	037**01687**
ZCX450		BK	1 220		RA	D	CT / 50	037**00149**

[6] 'Type' value description(s): 'LS451Z' = iColorCove Accessories

[7] 'Accessory color' value description(s): 'BK' = Black, 'WH' = White

[8] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C3050P' = Cable 3.05 m with plug, 'C305P-M-F' = Cable 305 mm with male and female plug

[9] 'Suspension accessories' value description(s): 'RA' = Mounting rail/profile

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Initial input power (W)
LS425X	50-60	100 to 240	13
LS425X	50-60	100 to 240	50

Light technical data

Type	Lamp family code[10]	Light source color[11]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)	Initial luminous flux at color temperature of 6500 K (lm)
LS425X	LED4	CW-WW	2700 to 6500	81	110x110	48.6	2 471	727	896	1 003
LS425X	LED4	CW-WW	2700 to 6500	82	50x70	27.6	458	136	167	187
LS425X	LED4	CW-WW	2700 to 6500	82	50x70	34.4	1 726	514	615	702
LS425X	LED4	CW-WW	2700 to 6500	82	110x110	37.3	656	184	243	271

[10] 'Lamp family code' value description(s): 'LED4' = LED Module 400 lm

[11] 'Light source color' value description(s): 'CW-WW' = Cool white and warm white

Protection & classification standards

Type	Protection class IEC[12]	IP Classification[13]	CE mark	Glow-wire test[14] (°C/s)	UL mark
LS425X	I	IP20	CE	850/5	UL-CUL

[12] 'Protection class IEC' value description(s): 'I' = Safety class I

[13] 'IP Classification' value description(s): 'IP20' = Finger-protected

[14] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



Vaya Cove LP G2 - High-efficiency, low profile, dimmable cove luminaire for crisp white lighting effects

Vaya Cove LP G2 is a reliable cost-effective LED luminaire offering crisp white light for interior use. Designed for linear cove and accent lighting applications this luminaire offers a very low profile and integrated connectors to eliminate socket shadows. Vaya Cove LP offers on/off control or dimming via the use of any standard 0-10 V or DALI dimming controller. For more information please visit www.colorkinetics.com/vaya/cove-lp-g2-white/.

Product Range

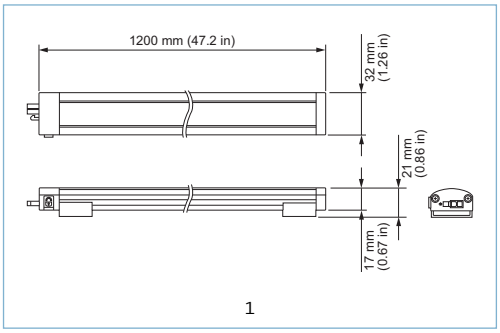


Detailed Photos

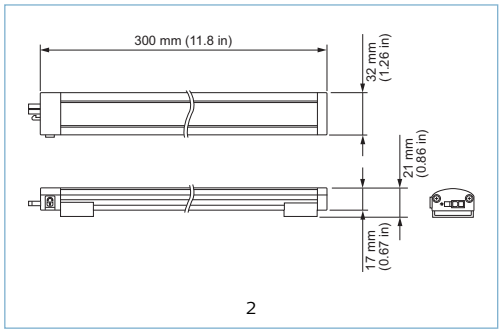
Fixtures link together for fast and easy installation



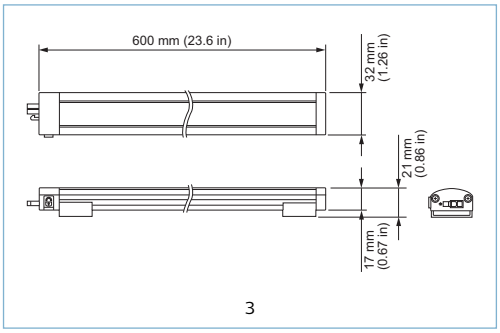
Dimension Drawing



1



2



3

Technical Specification

Type[1]	Lamp[2]	Accessory color[3]	Luminous Efficacy (Rated) (lm/W)	mm	Material Nr. (12NC) (9124...)
SM452L	LED-HB/CW	WH	90.0	1	00135352
SM452L	LED-HB/CW	WH	90.0	2	00135356
SM452L	LED-HB/CW	WH	90.0	3	00135345
SM452L	LED-HB/CW	WH	90.0	3	00135351
SM452L	LED-HB/CW	WH	90.0	3	00135357
SM452L	LED-HB/CW	WH	90.0	1	00135358
SM452L	LED-HB/CW	WH	90.0	2	00135350
SM452L	LED-HB/CW	WH	90.0	3	00135339
SM452L	LED-HB/CW	WH	101.0	1	00135340
SM452L	LED-HB/CW	WH	101.0	2	00135338
SM452L	LED-HB/CW	WH	106.0	2	00135344
SM452L	LED-HB/CW	WH	106.0	1	00135346
SM452L	LED-HB/NW	WH	90.0	3	00135336
SM452L	LED-HB/NW	WH	90.0	3	00135342
SM452L	LED-HB/NW	WH	99.3	2	00135335
SM452L	LED-HB/NW	WH	99.3	1	00135337
SM452L	LED-HB/NW	WH	103.0	1	00135343
SM452L	LED-HB/NW	WH	103.0	2	00135341
SM452L	LED-HB/WW	WH	90.0	2	00135347
SM452L	LED-HB/WW	WH	90.0	1	00135355
SM452L	LED-HB/WW	WH	90.0	3	00135360
SM452L	LED-HB/WW	WH	90.0	1	00135364
SM452L	LED-HB/WW	WH	90.0	3	00135348
SM452L	LED-HB/WW	WH	90.0	1	00135349
SM452L	LED-HB/WW	WH	90.0	3	00135354
SM452L	LED-HB/WW	WH	90.0	2	00135353
SM452L	LED-HB/WW	WH	90.0	1	00135361
SM452L	LED-HB/WW	WH	90.0	3	00135363
SM452L	LED-HB/WW	WH	90.0	2	00135359
SM452L	LED-HB/WW	WH	90.0	2	00135362

[1] 'Type' value description(s): 'SM452L' = VAYA COVE LP G2

[2] 'Lamp' value description(s): 'CW' = Cool white, 'LED-HB' = LED High Brightness, 'NW' = Neutral white, 'WW' = Warm white

[3] 'Accessory color' value description(s): 'WH' = White

Accessory Range

SM442Z 120W DIM CONTROL DALI TO PWM 1



Accessory Specification

Type[4]	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9124...)
SM442Z	CT / 48	00135776

[4] 'Type' value description(s): 'SM442Z' = VAYA ACCESSORIES

Electrical data

Type	Input Voltage (V)
SM452L	24

Light technical data

Type	Lamp family code[5]	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Initial luminous flux at color temperature of 2700 K (lm)	Initial luminous flux at color temperature of 4000 K (lm)
SM452L	LED-HB	CW	4000	≥80	110	90.0	500		500
SM452L	LED-HB	CW	4000	≥80	110	90.0	550		550
SM452L	LED-HB	CW	4000	≥80	110	101.0	255		255
SM452L	LED-HB	CW	4000	≥80	110	101.0	1 020		1 020
SM452L	LED-HB	CW	4000	≥80	110	106.0	279		279
SM452L	LED-HB	CW	4000	≥80	110	106.0	1 116		1 116
SM452L	LED-HB	CW	5000	≥80	110	90.0	250		
SM452L	LED-HB	CW	5000	≥80	110	90.0	275		
SM452L	LED-HB	CW	5000	≥80	110	90.0	500		
SM452L	LED-HB	CW	5000	≥80	110	90.0	550		
SM452L	LED-HB	CW	5000	≥80	110	90.0	1 000		
SM452L	LED-HB	CW	5000	≥80	110	90.0	1 100		
SM452L	LED-HB	NW	3000	≥80	110	90.0	500		
SM452L	LED-HB	NW	3000	≥80	110	90.0	550		
SM452L	LED-HB	NW	3000	≥80	110	99.3	254		
SM452L	LED-HB	NW	3000	≥80	110	99.3	1 016		
SM452L	LED-HB	NW	3000	≥80	110	103.0	274		
SM452L	LED-HB	NW	3000	≥80	110	103.0	1 096		
SM452L	LED-HB	WW	2200	≥80	110	90.0	250		
SM452L	LED-HB	WW	2200	≥80	110	90.0	275		
SM452L	LED-HB	WW	2200	≥80	110	90.0	500		
SM452L	LED-HB	WW	2200	≥80	110	90.0	1 000		
SM452L	LED-HB	WW	2200	≥80	110	90.0	1 100		
SM452L	LED-HB	WW	2700	≥80	110	90.0	250	250	
SM452L	LED-HB	WW	2700	≥80	110	90.0	275	275	
SM452L	LED-HB	WW	2700	≥80	110	90.0	500	500	
SM452L	LED-HB	WW	2700	≥80	110	90.0	550	550	
SM452L	LED-HB	WW	2700	≥80	110	90.0	1 000	1 000	
SM452L	LED-HB	WW	2700	≥80	110	90.0	1 100	1 100	

[5] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[6] 'Light source color' value description(s): 'CW' = Cool white, 'NW' = Neutral white, 'WW' = Warm white

Protection & classification standards

Type	IP Classification[7]	CE mark	CQC mark	UL mark
SM452L	IP40	CE		UL-CUL
SM452L	IP40	CE	CQC	

[7] 'IP Classification' value description(s): 'IP40' = Wire-protected



Vaya Cove LP – reliable and economical fixture for interior cove lighting

Designed for cove and accent lighting applications and offering a choice of two color temperatures, two lengths and 24 V DC power as standard, this product is versatile and easy to use. Vaya Cove LP works as an on/off product or with any standard current-sinking 0-10 V / 1-10 V controller. For more information please visit www. colorkinetics. com/ vaya/.

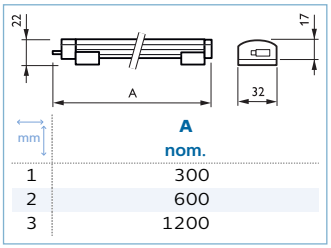
Product Range



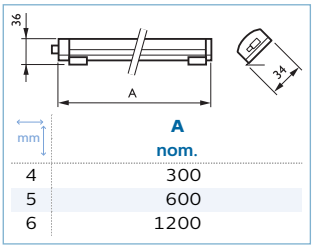
Detailed Photos



Dimension Drawing



mm	A nom.
1	300
2	600
3	1200



mm	A nom.
4	300
5	600
6	1200

Technical Specification

Type	Lamp[1]	Accessory color[2]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	mm	Material Nr. (12NC) (9105...)
SM442L	12 LED-HB	WH	7.00		1, 4	037**04589**
SM442L	12 LED-HB	WH	7.00		1, 4	037**04592**
SM442L	12 LED-HB	WH	7.00		1, 4	037**04602**
SM442L	12 LED-HB	WH	7.00		1, 4	037**04605**

More data see next page

Type	Lamp[1]	Accessory color[2]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	mm	Material Nr. (12NC) (9105...)
SM442L	24 LED-HB	WH	15.00		2, 5	037**04590**
SM442L	24 LED-HB	WH	15.00		2, 5	037**04603**
SM442L	24 LED-HB	WH	15.00		2, 5	037**04606**
SM442L	48 LED-HB	WH			3, 6	037**04591**
SM442L	48 LED-HB	WH			3, 6	037**04594**
SM442L	48 LED-HB	WH			3, 6	037**04607**
SM443L	6 LED-HB/BL	WH	3.75		1, 4	037**04614**
SM443L	6 LED-HB/GN	WH	3.75		1, 4	037**04611**
SM443L	9 LED-HB/AM	WH		55.0	1, 4	037**04617**
SM443L	9 LED-HB/RD	WH		55.0	1, 4	037**04608**
SM443L	12 LED-HB/BL	WH	7.00		2, 5	037**04615**
SM443L	12 LED-HB/GN	WH	7.00		2, 5	037**04612**
SM443L	18 LED-HB/AM	WH			2, 5	037**04618**
SM443L	18 LED-HB/RD	WH			2, 5	037**04609**
SM443L	24 LED-HB/BL	WH	15.00		3, 6	037**04616**
SM443L	24 LED-HB/GN	WH	15.00		3, 6	037**04613**
SM443L	36 LED-HB/AM	WH		55.0	3, 6	037**04619**
SM443L	36 LED-HB/RD	WH			3, 6	037**04610**

[1] 'Lamp' value description(s): '**AM**' = Amber, '**BL**' = Blue, '**GN**' = Green, '**LED-HB**' = LED High Brightness, '**RD**' = Red

[2] 'Accessory color' value description(s): '**WH**' = White

Accessory Range


A


B


C

Accessory Specification

Type[3]	Type description	Accessory color[4]	CE mark	Electrical accessories[5]	Suspension accessories[6]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
SM442E		WH		PSU			CT / 4	037**04730**
SM442E		WH	CE	PSU			CT / 6	037**04729**
SM442Z					MBA		CT / 30	037**04728**
SM442Z				PWR		A	CT / 40	037**04624**
SM442Z	Jumper cable	WH	CE	C300		B	CT / 80	037**04622**
SM442Z	Jumper cable	WH	CE	C1500		B	CT / 50	037**04623**
SM442Z	Leader cable	WH	CE	C2000		C	CT / 50	037**04620**
SM442Z	Leader cable	WH	CE	C8000		C	CT / 4	037**04621**

[3] 'Type' value description(s): '**SM442E**' = Vaya Accessories, '**SM442Z**' = VAYA ACCESSORIES

[4] 'Accessory color' value description(s): '**WH**' = White

[5] 'Electrical accessories' value description(s): '**C1500**' = Cable 1.5 m, '**C2000**' = Cable 2.0 m, '**C300**' = Cable 0.30 m, '**C8000**' = Cable 8.0 m, '**PSU**' = Power supply unit, '**PWR**' = Power switch (ON/OFF)

[6] 'Suspension accessories' value description(s): '**MBA**' = Mounting bracket adjustable

Electrical data

Type	Input Voltage (V)	Initial input power (W)
SM442L	24	
SM442L	24	7.00
SM442L	24	15.00
SM443L	24	
SM443L	24	3.75
SM443L	24	7.00
SM443L	24	15.00

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Luminous Efficacy (Rated) (lm/W)
SM442L	LED-HB		2700	≥80	100	
SM442L	LED-HB		3000	≥80	100	
SM442L	LED-HB		4000	≥80	100	
SM442L	LED-HB		5000	≥80	100	
SM443L	LED-HB	AM		≥80	100	
SM443L	LED-HB	AM		≥80	100	55.0
SM443L	LED-HB	BL		≥80	100	
SM443L	LED-HB	GN		≥80	100	
SM443L	LED-HB	RD		≥80	100	
SM443L	LED-HB	RD		≥80	100	55.0

[7] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[8] 'Light source color' value description(s): 'AM' = Amber, 'BL' = Blue, 'GN' = Green, 'RD' = Red

Protection & classification standards

Type	IP Classification[9]	CE mark	CQC mark	UL mark
SM442L	IP20	CE		UL
SM443L	IP20	CE	CQC	UL

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected



Vaya Cove Color – Low profile cove lighting solution for dynamic color effects

Vaya Cove is a reliable and cost-effective low profile linear LED luminaire for interior cove and accent lighting applications. Three lengths, standard 24 V DC power and DMX-512 control make this product easy to use with Philips or third-party DMX controllers. For more information please visit www.colorkinetics.com/vaya/cove-color/.

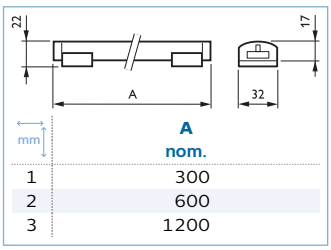
Product Range



Detailed Photos



Dimension Drawing



mm	A nom.
1	300
2	600
3	1200

Technical Specification

Type[1]	Lamp[2]	Accessory color[3]	Luminous Efficacy (Rated) (lm/W)	Detailed Photo	mm	Material Nr. (12NC) (9105...)
SM440L	15 LED-HB/RD-GN-BL	WH	15.0	A	1	037**02159**
SM440L	30 LED-HB/RD-GN-BL	WH	15.0		2	037**02160**
SM440L	60 LED-HB/RD-GN-BL	WH	15.0		3	037**02161**

[1] 'Type' value description(s): 'SM440L' = VAYA COVE

[2] 'Lamp' value description(s): 'LED-HB' = LED High Brightness, 'RD-GN-BL' = Red, green and blue

[3] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Jumper cable for white version, 1,5 meters



A

Leader cable for color version, 8 meters



B

Accessory Specification

Type[4]	Type description	Accessory color[5]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
SM440Z	Power/data jumper cable, 1.5 m white	WH	A	CT / 50	037**02277**
SM440Z	Power/data leader cable, 8.0 m white	WH	B	CT / 4	037**02272**

[4] 'Type' value description(s): 'SM440Z' = Vaya Accessories

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Voltage (V)
SM440L	24

Light technical data

Type	Lamp family code[6]	Light source color[7]	(°)	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)
SM440L	LED-HB	RD-GN-BL	110	15.0	38
SM440L	LED-HB	RD-GN-BL	110	15.0	75
SM440L	LED-HB	RD-GN-BL	110	15.0	150

[6] 'Lamp family code' value description(s): 'LED-HB' = LED High Brightness

[7] 'Light source color' value description(s): 'RD-GN-BL' = Red, green and blue

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	CE mark	CQC mark	UL mark
SM440L	III	IP20	CE	CQC	UL-CUL

[8] 'Protection class IEC' value description(s): 'III' = Safety class III

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected



Pentura Mini LED – ultra-slim batten

Pentura Mini LED is an extremely slim batten that offers the energy-saving benefits of LED technology, coupled with excellent lighting performance – bright, uniform light with good color rendering. Pentura Mini LED is very easy to install, even where space is limited, e. g. under shelves in shops, and over worktops and workstations in the home and home office. Thanks to its integrated driver and through-wiring, installation time is reduced to a minimum. Power cable, mounting clips and connection accessories are also supplied. Translucent end-caps eliminate black spots between the products, enabling consumers to create a continuous light-line.

Product Range


A


B

Detailed Photos

End-caps with integrated connector parts


A

Side view, male connector part


B

Mounting accessories included in the box


C

Luminaires mounted in line


D

Pentura Mini LED BN132C, length 1200 mm

E

Pentura Mini LED BN132C, length 900 mm

F

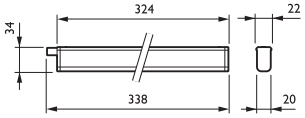
Pentura Mini LED BN133C, length 600 mm

G

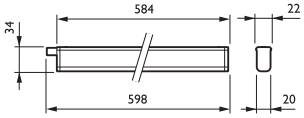
Fly-wire connection


H

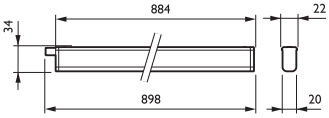
Dimension Drawing



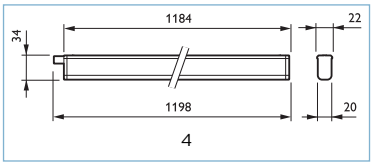
1



2



3



Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connec-tion[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
BN132C	1 LED-MP/830	PSU	CFW	WH	4	88.0	A	A-F	1	039**10163**
BN132C	1 LED-MP/830	PSU	CFW	WH	7	93.0	A	A-F	2	039**10161**
BN132C	1 LED-MP/830	PSU	CFW	WH	10	95.0	A	A-F	3	039**10159**
BN132C	1 LED-MP/830	PSU	CFW	WH	14	89.0	A		4	039**10157**
BN132C	1 LED-MP/840	PSU	CFW	WH	7	93.0	A	A-F	2	039**10160**
BN132C	1 LED-MP/840	PSU	CFW	WH	10	95.0	A	A-F	3	039**10158**
BN132C	1 LED-MP/840	PSU	CFW	WH	14	89.0	A	A-F	4	039**10156**
BN132C	1 LED-MP/840	PSU	CFW	WHITE	4	88.0	A	A-F	1	039**10162**
BN133C	1 LED-MP/830	PSU	CFW	WH	7	93.0	B	G, H	2	039**10165**
BN133C	1 LED-MP/840	PSU	CFW	WH	7	93.0	B	G, H	2	039**10164**

[1] 'Lamp' value description(s): 'LED-MP' = LED Medium Power, '830' = 830 warm white, '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[3] 'Connection' value description(s): 'CFW' = Flying leads/wires

[4] 'Accessory color' value description(s): 'WH' = White

Accessory Range

Flexible coupling piece, 600 mm



Accessory Specification

Type	Accessory color[5]	Material[6]	CE mark	Mech. impact protection code[7]	Electrical accessories[8]	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
BN132Z	WH	PC	CE	IK02	CCPA	CT / 10	039**10166**

[5] 'Accessory color' value description(s): 'WH' = White

[6] 'Material' value description(s): 'PC' = Polycarbonate

[7] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[8] 'Electrical accessories' value description(s): 'CCPA' = Coupling/corner piece adjustable

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BN132C	50-60	220-240	+/-10%	0.8	3.2	2.0	4	1.5	40 000	30 000	15 000
BN132C	50-60	220-240	+/-10%	0.9	3.2	2.0	7	1.5	40 000	30 000	15 000
BN132C	50-60	220-240	+/-10%	0.9	3.9	2.5	10	1.5	40 000	30 000	15 000
BN132C	50-60	220-240	+/-10%	0.9	3.9	2.5	14	1.5	40 000	30 000	15 000
BN133C	50-60	220-240	+/-10%	0.9	3.2	2.0	7	1.5	40 000	30 000	15 000

Light technical data

Type	Lamp family code[9]	Light source color[10]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BN132C	LED-MP	830	3000	≥80	135	(0.44, 0.41) SDCM<5	88.0	350	+/-10%
BN132C	LED-MP	830	3000	≥80	135	(0.44, 0.41) SDCM<5	89.0	1 250	+/-10%
BN132C	LED-MP	830	3000	≥80	135	(0.44, 0.41) SDCM<5	93.0	650	+/-10%
BN132C	LED-MP	830	3000	≥80	135	(0.44, 0.41) SDCM<5	95.0	950	+/-10%
BN132C	LED-MP	840	4000	≥80	135	(0.39, 0.38) SDCM<5	88.0	350	+/-10%
BN132C	LED-MP	840	4000	≥80	135	(0.39, 0.38) SDCM<5	89.0	1 250	+/-10%
BN132C	LED-MP	840	4000	≥80	135	(0.39, 0.38) SDCM<5	93.0	650	+/-10%
BN132C	LED-MP	840	4000	≥80	135	(0.39, 0.38) SDCM<5	95.0	950	+/-10%
BN133C	LED-MP	830	3000	≥80	135	(0.44, 0.41) SDCM<5	93.0	650	+/-10%
BN133C	LED-MP	840	4000	≥80	135	(0.39, 0.38) SDCM<5	93.0	650	+/-10%

[9] 'Lamp family code' value description(s): 'LED-MP' = LED Medium Power

[10] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	Glow-wire test[14] (°C/s)	RoHS mark
BN132C	II	IP40	IK02	CE	650/30	ROHS
BN133C	II	IP40	IK02	CE	650/30	ROHS

[11] 'Protection class IEC' value description(s): 'II' = Safety class II

[12] 'IP Classification' value description(s): 'IP40' = Wire-protected

[13] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[14] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s



CoreLine Batten – the clear choice for LED

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product Range


A

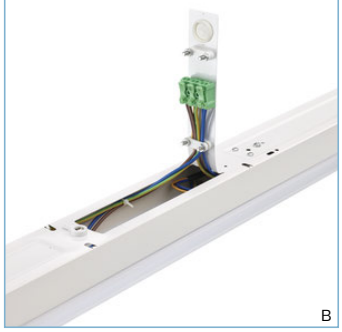

B

Detailed Photos

CoreLine_Batten-BN124C-1DPP.tif


A

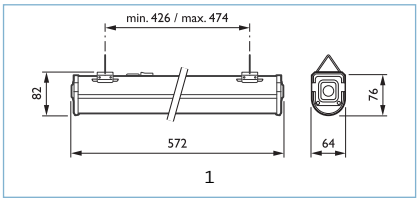
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B

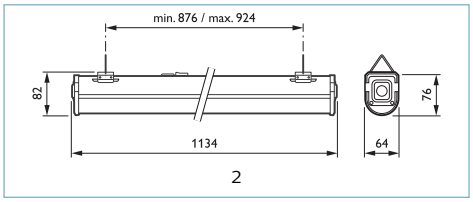
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C

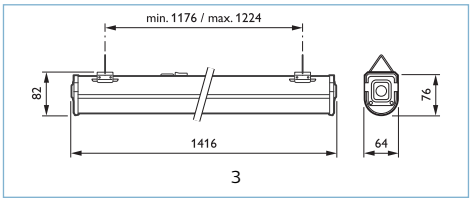
Dimension Drawing



1



2



3

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
BN124C	LED19S/830	PSU	PI	WH	19	100.0	A	A-C	1	039**10278**
BN124C	LED21S/840	PSU	PI	WH	19	110.0	A	A-C	1	039**10277**
BN124C	LED38S/830	PSU	PI	WH	38	100.0	B	A-C	2	039**10280**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Connection[3]	Accessory color[4]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
BN124C	LED41S/840	PSU	PI	WH	38	108.0	B	A-C	2	039**10279**
BN124C	LED60S/830	PSU	PI	WH	60	100.0	B	A-C	3	039**10282**
BN124C	LED64S/840	PSU	PI	WH	60	107.0	B	A-C	3	039**10281**

[1] 'Lamp' value description(s): 'LED19S' = LED Module, system flux 1 900 lm, 'LED21S' = LED Module, system flux 2 100 lm, 'LED38S' = LED Module, system flux 3 800 lm, 'LED41S' = LED Module, system flux 4 100 lm, 'LED60S' = LED Module, system flux 6 000 lm, 'LED64S' = LED Module, system flux 6 400 lm, '830' = 830 warm white, '840' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[3] 'Connection' value description(s): 'PI' = Push-in connector 3-pole

[4] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
BN124C	50-60	220-240	+/-10%	0.9	0.06	0.29	19	1	50 000	30 000	15 000
BN124C	50-60	220-240	+/-10%	0.9	0.06	0.29	38	1	50 000	30 000	15 000
BN124C	50-60	220-240	+/-10%	0.9	0.06	0.37	60	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[5]	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BN124C	LED19S	830	3000	>80	120	(0.44, 0.41) SDCM <5	100.0	1 900	+/-10%
BN124C	LED21S	840	4000	>80	120	(0.38, 0.38) SDCM <5	110.0	2 100	+/-10%
BN124C	LED38S	830	3000	>80	120	(0.44, 0.41) SDCM <5	100.0	3 800	+/-10%
BN124C	LED41S	840	4000	>80	120	(0.38, 0.38) SDC M<5	108.0	4 100	+/-10%
BN124C	LED60S	830	3000	>80	120	(0.44, 0.41) SDCM <5	100.0	6 000	+/-10%
BN124C	LED64S	840	4000	>80	120	(0.38, 0.38) SDCM <5	107.0	6 400	+/-10%

[5] 'Lamp family code' value description(s): 'LED19S' = LED Module, system flux 1 900 lm, 'LED21S' = LED Module, system flux 2 100 lm, 'LED38S' = LED Module, system flux 3 800 lm, 'LED41S' = LED Module, system flux 4 100 lm, 'LED60S' = LED Module, system flux 6 000 lm, 'LED64S' = LED Module, system flux 6 400 lm

[6] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	Flammability mark[10]	Glow-wire test[11] (°C/s)	RoHS mark
BN124C	I	IP20	IK02	CE	FF	850/30	ROHS

[7] 'Protection class IEC' value description(s): 'I' = Safety class I

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK02' = 0.2 J standard

[10] 'Flammability mark' value description(s): 'FF' = For mounting on easy flammable surfaces

[11] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s



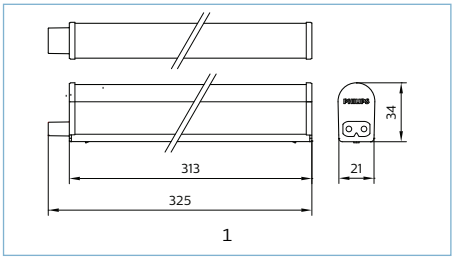
An Easier Way to More Savings

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. This new batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch

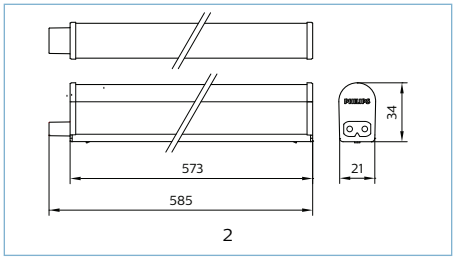
Product Range



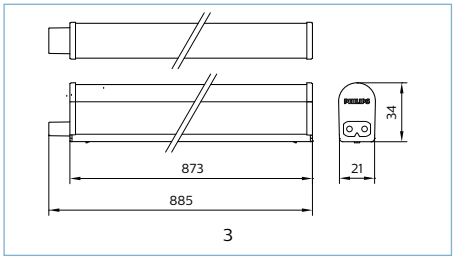
Dimension Drawing



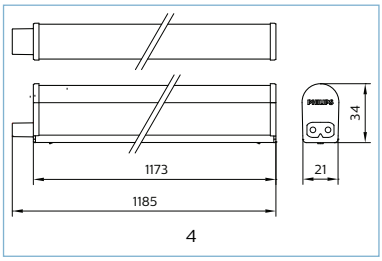
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3



4

Technical Specification

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	mm	Material Nr. (12NC) (9114...)
BN068C	LED3/CW	PSU	WB	CFW	WH	3.75	80.0	1	018**18497**
BN068C	LED3/CW	PSU	WB	CFW	WH	3.75	80.0	1	018**20297**
BN068C	LED3/NW	PSU	WB	CFW	WH	3.75	80.0	1	018**20397**
BN068C	LED3/NW	PSU	WB	CFW	WH	3.75	80.0	1	018**18597**
BN068C	LED3/WW	PSU	WB	CFW	WH	3.75	80.0	1	018**20497**
BN068C	LED3/WW	PSU	WB	CFW	WH	3.75	80.0	1	018**18697**
BN068C	LED6/CW	PSU	WB	CFW	WH	7.50	80.0	2	018**20597**
BN068C	LED6/CW	PSU	WB	CFW	WH	7.50	80.0	2	018**18797**
BN068C	LED6/NW	PSU	WB	CFW	WH	7.50	80.0	2	018**20697**
BN068C	LED6/NW	PSU	WB	CFW	WH	7.50	80.0	2	018**18897**
BN068C	LED6/WW	PSU	WB	CFW	WH	7.50	80.0	2	018**18997**
BN068C	LED6/WW	PSU	WB	CFW	WH	7.50	80.0	2	018**20797**
BN068C	LED9/CW	PSU	WB	CFW	WH	11.25	80.0	3	018**20897**

More data see next page

Type	Lamp[1]	Driver/power unit/ transformer[2]	Optic type[3]	Connection[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	mm	Material Nr. (12NC) (9114...)
BN068C	LED9/CW	PSU	WB	CFW	WH	11.25	80.0	3	018**19097**
BN068C	LED9/NW	PSU	WB	CFW	WH	11.25	80.0	3	018**20997**
BN068C	LED9/NW	PSU	WB	CFW	WH	11.25	80.0	3	018**19197**
BN068C	LED9/WW	PSU	WB	CFW	WH	11.25	80.0	3	018**21097**
BN068C	LED9/WW	PSU	WB	CFW	WH	11.25	80.0	3	018**19297**
BN068C	LED12/CW	PSU	WB	CFW	WH	15.00	80.0	4	018**21197**
BN068C	LED12/CW	PSU	WB	CFW	WH	15.00	80.0	4	018**19397**
BN068C	LED12/NW	PSU	WB	CFW	WH	15.00	80.0	4	018**21297**
BN068C	LED12/NW	PSU	WB	CFW	WH	15.00	80.0	4	018**19497**
BN068C	LED12/WW	PSU	WB	CFW	WH	15.00	80.0	4	018**21397**
BN068C	LED12/WW	PSU	WB	CFW	WH	15.00	80.0	4	018**19597**

[1] 'Lamp' value description(s): 'CW' = Cool white, 'NW' = Neutral white, 'WW' = Warm white

[2] 'Driver/power unit/transformer' value description(s): 'PSU' = Power supply unit

[3] 'Optic type' value description(s): 'WB' = Wide beam

[4] 'Connection' value description(s): 'CFW' = Flying leads/wires

[5] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Initial input power (W)	Median useful life L70B50 (h)
BN068C	50-60	220 to 240	+/-10%	0.5	3.75	20 000
BN068C	50-60	220 to 240	+/-10%	0.5	7.50	20 000
BN068C	50-60	220 to 240	+/-10%	0.5	11.25	20 000
BN068C	50-60	220 to 240	+/-10%	0.5	15.00	20 000

Light technical data

Type	Lamp family code	Light source color[6]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
BN068C	LED3	CW	6500	>80	140	SDCM<7	80.0	300	+/-10%
BN068C	LED3	NW	4000	>80	140	SDCM<7	80.0	300	+/-10%
BN068C	LED3	WW	3000	>80	140	SDCM<7	80.0	300	+/-10%
BN068C	LED6	CW	6500	>80	140	SDCM<7	80.0	600	+/-10%
BN068C	LED6	NW	4000	>80	140	SDCM<7	80.0	600	+/-10%
BN068C	LED6	WW	3000	>80	140	SDCM<7	80.0	600	+/-10%
BN068C	LED9	CW	6500	>80	140	SDCM<7	80.0	900	+/-10%
BN068C	LED9	NW	4000	>80	140	SDCM<7	80.0	900	+/-10%
BN068C	LED9	WW	3000	>80	140	SDCM<7	80.0	900	+/-10%
BN068C	LED12	CW	6500	>80	140	SDCM<7	80.0	1 200	+/-10%
BN068C	LED12	NW	4000	>80	140	SDCM<7	80.0	1 200	+/-10%
BN068C	LED12	WW	3000	>80	140	SDCM<7	80.0	1 200	+/-10%

[6] 'Light source color' value description(s): 'CW' = Cool white, 'NW' = Neutral white, 'WW' = Warm white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	Glow-wire test[10] (°C/s)	RoHS mark
BN068C	II	IP20	IK00	850/5	ROHS

[7] 'Protection class IEC' value description(s): 'II' = Safety class II

[8] 'IP Classification' value description(s): 'IP20' = Finger-protected

[9] 'Mech. impact protection code' value description(s): 'IK00' = No protection

[10] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



Accessories for Cove Powercore, premium interior linear LED cove and accent fixture with intelligent color light

Accessories for Cove Powercore. Cove Powercore are high-intensity LED lighting fixtures afford virtually limitless options for filling indoor alcoves and accent spaces with vibrant light. Integrated Powercore technology ensures rapid, efficient and accurate control of power output to the fixture directly from line voltage, eliminating the need for external power supplies. Use of standard wiring dramatically simplifies installation and helps lower total system cost.

Accessory Range

Jumper Cable 305 mm with plug male and female



A

Jumper Cable 1525 mm with plug male and female



B

Leader Cable 3.05 m with plug



C

Wiring Compartment



D

Jumper Cable, length 305 mm



E

Jumper Cable 1525 mm



F



G

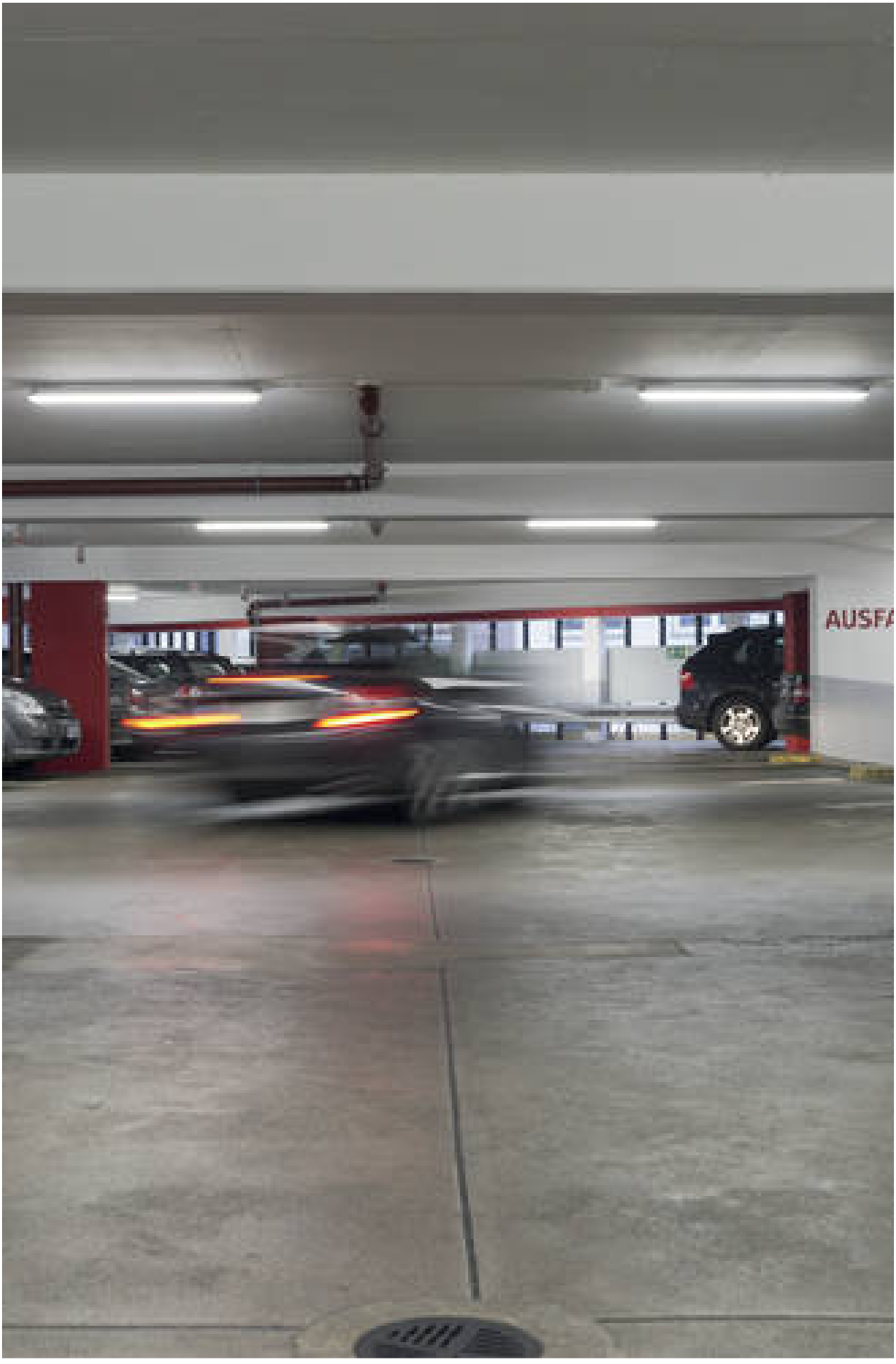
Accessory Specification

Type[1]	Type description	Accessory color[2]	Product Length (mm)	Electrical accessories[3]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
LS451Z	Jumper cable	WH		C305P-M-F	A	CT / 100	037**01685**
LS451Z	Jumper cable	WH		C1525P-M-F	B	CT / 60	037**01684**
LS451Z	Leader cable	WH		C3050P		CT / 26	037**01686**
LS451Z	Leader cable	WH		C3050P	C	CT / 26	037**01687**
ZCX416		WH			D	CT / 80	037**00994**
ZCX416	Jumper cable	WH	305	C305P-M-F	E	CT / 100	037**00974**
ZCX416	Jumper cable	WH	1 520	C1525P-M-F	F	CT / 60	037**00975**
ZCX440	Terminator, 10 pieces	WH			G	CT / 50	037**04251**

[1] 'Type' value description(s): 'LS451Z' = iColorCove Accessories

[2] 'Accessory color' value description(s): 'WH' = White

[3] 'Electrical accessories' value description(s): 'C1525P-M-F' = Cable 1 525 mm with male and female plug, 'C3050P' = Cable 3.05 m with plug, 'C305P-M-F' = Cable 305 mm with male and female plug


AUSFA

Waterproof Luminaires



Pacific LED Green Parking 390



Pacific LED gen4 391



CoreLine Waterproof 396



Pacific Performer 400

Cleanroom



Cleanroom LED CR250B 402



Cleanroom LED 405



Pacific LED Green Parking – combine safety with savings

Lighting is needed in parking garages to provide safety and guidance. However, because it is not possible to predict exactly when light will be needed, the lighting is often left on. As a result, lighting energy costs can be as high as 70% of the total operational costs of a parking garage. Based on the newest LED technology and optics, Pacific LED Green Parking with presence-detection controls is an innovative, flexible and fully retrofit system for parking operators who want to reduce their energy consumption and the related CO_2 emissions – without compromising the safety and comfort that lighting offers parking garage users.

Accessory Range


A


B


C


D


E

Accessory Specification

Type[1]	IP Classification[2]	Electrical accessories[3]	Mechanical accessories[4]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
WT460Z	IP65		MDUH-CS	A	UNP / 1	252**55110**
WT470Z		IPT		B	UNP / 1	252**55112**
WT470Z		MDU-AS		C	UNP / 1	252**55107**
WT470Z		MDU-CS		D	UNP / 1	252**55106**
WT470Z		MDU-PS		C	UNP / 1	252**55109**
WT470Z		MDU-WS		C	UNP / 1	252**55108**
WT470Z	IP65		MDUH	E	UNP / 1	252**55111**

[1] 'Type' value description(s): '**WT460Z**' = Acc. Pacific LED, '**WT470Z**' = Acc. Pacific LED

[2] 'IP Classification' value description(s): '**IP65**' = Dust penetration-protected, jet-proof

[3] 'Electrical accessories' value description(s): '**IPT**' = Infrared programming transmitter, '**MDU-AS**' = Movement detection unit corner angle sensor, '**MDU-CS**' = Movement detection unit ceiling sensor, '**MDU-PS**' = Movement detection unit corridor/passage way sensor, '**MDU-WS**' = Movement detection unit wall sensor

[4] 'Mechanical accessories' value description(s): '**MDUH**' = Movement detection unit holder, '**MDUH-CS**' = Movement detection unit holder for ceiling sensor



Excellent quality of light with high efficiency

PacificLED gen4 is a highly efficient and reliable LED waterproof luminaire that offers an excellent quality of light, with a uniform light distribution without visible striping or color artefacts. The range offers modular construction to enable ease of upgrade and maintenance.

The new optical system provides distortion-free lighting with improved visual guidance, which makes it ideally suited to general industry, warehouses and parking areas. The range also offers the option of multiple optics to ensure an optimized lighting scheme for a wide range of applications.

For industrial applications, PacificLED gen4 offers an open product architecture with toolless access to the gear tray and an innovative end-cap design with built-in connector for fast and easy installation. The single-piece mounting clamp ensures no small, loose components which could affect the primary production process.

Product Range


A


B

Detailed Photos

PacificLED gen4 WT470C bracket


A

PacificLED_Gen4-WT470C-DP02.jpg


B

PacificLED_Gen4-WT470C-DP01.jpg


C

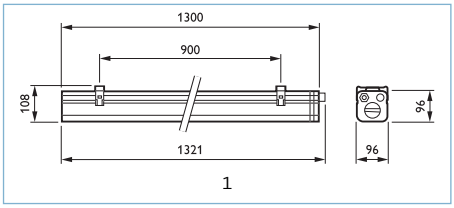
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D

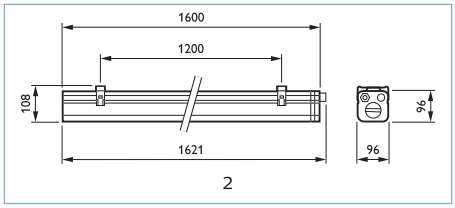
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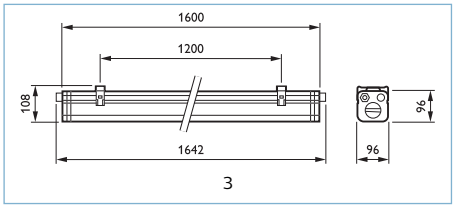
Dimension Drawing



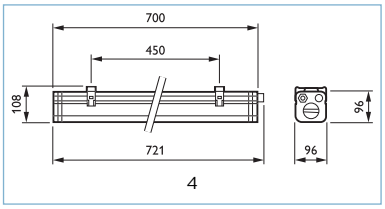
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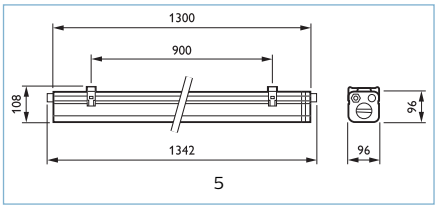
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5

Technical Specification

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
WT470C	840	PSD	NB	SI-PS	WH	30.5	143	A	A-C	1	258**63831**
WT470C	840	PSD	NB	SI-PS	WH	46.6	142	A	A-C	2	258**63870**
WT470C	840	PSD	NB	SI-PS	WH	46.6	142	A	A-C	3	258**63864**
WT470C	840	PSD	NB	SI-PS	WH	46.6	142	A	A-C	2	258**63861**
WT470C	840	PSD	RO	SI-PS	WH	24.4	138	A	A-C	2	258**63818**
WT470C	840	PSD	RO	SI-PS	WH	46.6	132	A	A-C	2	258**63866**
WT470C	840	PSD	RO	SI-PS	WH	58.0	130	A	A-C	2	258**63878**
WT470C	840	PSD	VWB	SI-PS	WH	16.5	141	A	A-C	4	258**63804**
WT470C	840	PSD	VWB	SI-PS	WH	16.5	141	A	A-C	1	258**63803**
WT470C	840	PSD	VWB	SI-PS	WH	24.4	145	A	A-C	2	258**63816**
WT470C	840	PSD	VWB	SI-PS	WH	24.4	145	A	A-C	3	258**63815**
WT470C	840	PSD	VWB	SI-PS	WH	30.5	139	A	A-C	1	258**63829**
WT470C	840	PSD	VWB	SI-PS	WH	46.6	138	A	A-C	3	258**63865**
WT470C	840	PSD	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63862**
WT470C	840	PSD	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63867**
WT470C	840	PSD	VWB	SI-PS	WH	58.0	136	A	A-C	2	258**63877**
WT470C	840	PSD	WB	SI-PS	WH	16.5	143	A	A-C	4	258**63802**
WT470C	840	PSD	WB	SI-PS	WH	16.5	143	A	A-C	1	258**63801**
WT470C	840	PSD	WB	SI-PS	WH	24.4	146	A	A-C	2	258**63813**
WT470C	840	PSD	WB	SI-PS	WH	24.4	146	A	A-C	3	258**63814**
WT470C	840	PSD	WB	SI-PS	WH	24.4	146	A	A-C	2	258**63817**
WT470C	840	PSD	WB	SI-PS	WH	30.5	141	A	A-C	1	258**63830**
WT470C	840	PSD	WB	SI-PS	WH	30.5	141	A	A-C	5	258**63828**
WT470C	840	PSD	WB	SI-PS	WH	30.5	141	A	A-C	1	258**63827**
WT470C	840	PSD	WB	SI-PS	WH	46.6	140	A	A-C	2	258**63859**
WT470C	840	PSD	WB	SI-PS	WH	46.6	140	A	A-C	2	258**63863**
WT470C	840	PSD	WB	SI-PS	WH	46.6	140	A	A-C	3	258**63860**
WT470C	840	PSD	WB	SI-PS	WH	46.6	140	A	A-C	3	258**63872**
WT470C	840	PSD	WB	SI-PS	WH	46.6	140	A	A-C	2	258**63871**
WT470C	840	PSU	NB	SI-PS	WH	30.5	143	A	A-C	1	258**63823**
WT470C	840	PSU	NB	SI-PS	WH	46.6	142	A	A-C	2	258**63833**
WT470C	840	PSU	NB	SI-PS	WH	46.6	142	A	A-C	3	258**63836**
WT470C	840	PSU	NB	SI-PS	WH	46.6	142	A	A-C	3	258**63846**
WT470C	840	PSU	NB	SI-PS	WH	46.6	142	A	A-C	2	258**63845**
WT470C	840	PSU	NB	SI-PS	WH	46.6	142	A	A-C	2	258**63856**
WT470C	840	PSU	NB	SI-PS	WH	58.0	140	A	A-C	2	258**63874**
WT470C	840	PSU	RO	SI-PS	WH	30.5	133	A	A-C	1	258**63822**
WT470C	840	PSU	RO	SI-PS	WH	30.5	133	A	A-C	1	258**63826**
WT470C	840	PSU	RO	SI-PS	WH	46.6	132	A	A-C	2	258**63844**
WT470C	840	PSU	VWB	SI-PS	WH	16.5	141	A	A-C	1	258**63795**
WT470C	840	PSU	VWB	SI-PS	WH	16.5	141	A	A-C	1	258**63796**
WT470C	840	PSU	VWB	SI-PS	WH	24.4	145	A	A-C	2	258**63809**
WT470C	840	PSU	VWB	SI-PS	WH	24.4	145	A	A-C	3	258**63811**
WT470C	840	PSU	VWB	SI-PS	WH	24.4	145	A	A-C	3	258**63810**
WT470C	840	PSU	VWB	SI-PS	WH	30.5	139	A	A-C	1	258**63821**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63848**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63835**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	3	258**63839**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63840**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	3	258**63841**
WT470C	840	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	2	258**63849**
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	4	258**63798**
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	1	258**63791**
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	4	258**63792**
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	1	258**63799**

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9109...)
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	5	25863797
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	5	25863794
WT470C	840	PSU	WB	SI-PS	WH	16.5	143	A	A-C	1	25863793
WT470C	840	PSU	WB	SI-PS	WH	24.4	146	A	A-C	2	25863806
WT470C	840	PSU	WB	SI-PS	WH	24.4	146	A	A-C	3	25863807
WT470C	840	PSU	WB	SI-PS	WH	24.4	146	A	A-C	2	25863805
WT470C	840	PSU	WB	SI-PS	WH	24.4	146	A	A-C	3	25863812
WT470C	840	PSU	WB	SI-PS	WH	30.5	141	A	A-C	1	25863819
WT470C	840	PSU	WB	SI-PS	WH	30.5	141	A	A-C	5	25863820
WT470C	840	PSU	WB	SI-PS	WH	30.5	141	A	A-C	5	25863824
WT470C	840	PSU	WB	SI-PS	WH	30.5	141	A	A-C	1	25863825
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863838
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	2	25863857
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863850
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863834
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	2	25863832
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	2	25863837
WT470C	840	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863858
WT470C	840	PSU	WB	SI-PS	WH	58.0	138	A	A-C	3	25863875
WT470C	865	PSD	VWB	SI-PS	WH	46.6	138	A	A-C	2	25863869
WT470C	865	PSD	WB	SI-PS	WH	46.6	140	A	A-C	2	25863868
WT470C	865	PSD	WB	SI-PS	WH	58.0	138	A	A-C	2	25863876
WT470C	865	PSU	NB	SI-PS	WH	46.6	142	A	A-C	3	25863855
WT470C	865	PSU	NB	SI-PS	WH	46.6	142	A	A-C	3	25863854
WT470C	865	PSU	RO	SI-PS	WH	24.4	138	A	A-C	3	25863808
WT470C	865	PSU	VWB	SI-PS	WH	46.6	138	A	A-C	2	25863851
WT470C	865	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863852
WT470C	865	PSU	WB	SI-PS	WH	46.6	140	A	A-C	3	25863853
WT470C	865	PSU	WB	SI-PS	WH	58.0	138	A	A-C	2	25863873
WT470X	840	PSD	NB	SI-PS	WH	46.6	142	A	B, C	3	25863916
WT470X	840	PSD	NB	SI-PS	WH	58.0	140	A	B, C	3	25863917
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	3	25863911
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	3	25863919
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	2	25863906
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	3	25863920
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	2	25863905
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	3	25863908
WT470X	840	PSD	VWB	SI-PS	WH	24.4	145	A	B, C	3	25863907
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	2	25863913
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	3	25863912
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	3	25863928
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	2	25863926
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	3	25863924
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	3	25863925
WT470X	840	PSD	VWB	SI-PS	WH	46.6	138	A	B, C	3	25863915
WT470X	840	PSD	WB	SI-PS	WH	24.4	146	A	B, C	3	25863909
WT470X	840	PSD	WB	SI-PS	WH	24.4	146	A	B, C	3	25863921
WT470X	840	PSD	WB	SI-PS	WH	24.4	146	A	B, C	3	25863910
WT470X	840	PSD	WB	SI-PS	WH	46.6	140	A	B, C	3	25863914
WT470X	840	PSD	WB	SI-PS	WH	46.6	140	A	B, C	3	25863922
WT470X	840	PSD	WB	SI-PS	WH	46.6	140	B	D, E	3	25863930
WT470X	840	PSD	WB	SI-PS	WH	46.6	140	A	B, C	3	25863927
WT470X	840	PSD	WB	SI-PS	WH	46.6	140	A	B, C	2	25863923
WT470X	840	PSD	WB	SI-PS	WH	58.0	138	A	B, C	3	25863918
WT471C	840	PSD	NB	SI-PS	WH	46.6	142	A		2	25863888
WT471C	840	PSD	VWB	SI-PS	WH	16.5	141	A		1	25863880
WT471C	840	PSD	VWB	SI-PS	WH	46.6	138	A		2	25863889
WT471C	840	PSD	WB	SI-PS	WH	30.5	141	A		5	25863883
WT471C	840	PSD	WB	SI-PS	WH	46.6	140	A		3	25863887
WT471C	840	PSD	WB	SI-PS	WH	46.6	140	A		2	25863886
WT471C	840	PSD	WB	SI-PS	WH	58.0	138	A		3	25863892
WT471C	840	PSD-CLO	WB	SI-PS	WH	46.6	140	A		3	25863890
WT471C	840	PSU	WB	SI-PS	WH	16.5	143	A		5	25863879
WT471C	840	PSU	WB	SI-PS	WH	30.5	141	A		1	25863881
WT471C	840	PSU	WB	SI-PS	WH	30.5	141	A		5	25863882

More data see next page

Type[1]	Lamp[2]	Driver/power unit/ transformer[3]	Optic type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
WT471C	840	PSU	WB	SI-PS	WH	46.6	140	A		2	*258***63884**
WT471C	840	PSU	WB	SI-PS	WH	46.6	140	A		3	*258***63885**
WT471C	840	PSU	WB	SI-PS	WH	58.0	138	A		2	*258***63891**
WT480C	840	PSD	NB	SI-PS	WH	46.6	142	B	D, E	2	*258***63895**
WT480C	840	PSD	NB	SI-PS	WH	46.6	142	B	D, E	3	*258***63898**
WT480C	840	PSD	RO	SI-PS	WH	46.6	132	B	D, E	2	*258***63901**
WT480C	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	2	*258***63896**
WT480C	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	3	*258***63899**
WT480C	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	2	*258***63902**
WT480C	840	PSD	WB	SI-PS	WH	46.6	140	B	D, E	2	*258***63897**
WT480C	840	PSD	WB	SI-PS	WH	46.6	140	B	D, E	2	*258***63893**
WT480C	840	PSD	WB	SI-PS	WH	46.6	140	B	D, E	3	*258***63894**
WT480C	865	PSD	WB	SI-PS	WH	58.0	138	B	D, E	2	*258***63903**
WT480X	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	2	*258***63932**
WT480X	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	2	*258***63929**
WT480X	840	PSD	VWB	SI-PS	WH	46.6	138	B	D, E	3	*258***63931**
WT480X	840	PSD	WB	SI-PS	WH	46.6	140	B	D, E	3	*258***63933**
WT481C	840	PSD	WB	SI-PS	WH	46.6	140	B		2	*258***63904**

[1] 'Type' value description(s): 'WT470C' = PACIFIC LED WATERPROOF, 'WT470X' = PACIFIC LED GREEN PARKING, 'WT471C' = PACIFIC LED WATERPROOF, 'WT480C' = PACIFIC LED CIRCULAR ECONOMY, 'WT480X' = PACIFIC LED GREEN PARKING, 'WT481C' = PACIFIC LED CHEMICAL RESISTANT

[2] 'Lamp' value description(s): '840' = 840 neutral white, '865' = 865 cool daylight

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSD-CLO' = Power supply unit with DALI interface and constant light output, 'PSU' = Power supply unit

[4] 'Optic type' value description(s): 'NB' = Narrow beam, 'RO' = White reflector and opal cover, 'VWB' = Very wide beam, 'WB' = Wide beam

[5] 'Connection' value description(s): 'SI-PS' = Screw connection with pug and socket

[6] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WT470C	50-60	220-240	+/-11%	0.96	0.230	15.1	16.5	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.96	0.280	21.0	16.5	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.96	0.280	21.0	24.4	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.96	0.282	17.8	24.4	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.97	0.280	21.0	58.0	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.97	0.282	17.8	58.0	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.98	0.230	15.1	30.5	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.98	0.280	21.0	30.5	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.98	0.280	21.0	46.6	0.5	70 000	50 000	25 000
WT470C	50-60	220-240	+/-11%	0.98	0.282	17.8	46.6	0.5	70 000	50 000	25 000
WT470X	50-60	220-240	+/-11%	0.96	0.280	21.0	24.4	0.5	70 000	50 000	25 000
WT470X	50-60	220-240	+/-11%	0.97	0.280	21.0	58.0	0.5	70 000	50 000	25 000
WT470X	50-60	220-240	+/-11%	0.98	0.280	21.0	46.6	0.5	70 000	50 000	25 000
WT470X	50-60	220-240	+/-11%	0.98	1.000	4.5	46.6	0.5	100 000	60 000	30 000
WT471C	50-60	220-240	+/-11%	0.96	0.280	21.0	16.5	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.97	0.280	21.0	58.0	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.97	0.282	17.8	58.0	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.98	0.230	15.1	30.5	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.98	0.280	21.0	30.5	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.98	0.280	21.0	46.6	0.5	70 000	50 000	25 000
WT471C	50-60	220-240	+/-11%	0.98	0.282	17.8	46.6	0.5	70 000	50 000	25 000
WT480C	50-60	220-240	+/-11%	0.98	1.000	4.5	46.6	0.5	100 000	62 500	30 000
WT480C	50-60	220-240	+/-11%	0.99	1.000	4.5	58.0	0.5	100 000	60 000	30 000
WT480X	50-60	220-240	+/-11%	0.98	1.000	4.5	46.6	0.5	100 000	60 000	30 000
WT481C	50-60	220-240	+/-11%	0.98	1.000	4.5	46.6	0.5	70 000	50 000	25 000

Light technical data

Type	Light source color[7]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
WT470C	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	140	8 119	+/-7%
WT470C	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	142	6 618	+/-7%
WT470C	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	143	4 361	+/-7%
WT470C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	138	7 992	+/-7%
WT470C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT470C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	141	4 293	+/-7%
WT470C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	143	2 358	+/-7%
WT470C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	146	3 572	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	130	7 536	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	132	6 144	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	133	4 048	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	136	7 912	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	3 368	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	139	4 250	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	141	2 323	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	141	2 334	+/-7%
WT470C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	145	3 536	+/-7%
WT470C	865	6500	>80	50x60	(0.38, 0.38) SDCM <3	142	6 618	+/-7%
WT470C	865	6500	>80	110x110	(0.38, 0.38) SDCM <3	138	7 992	+/-7%
WT470C	865	6500	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT470C	865	6500	>80	120x120	(0.38, 0.38) SDCM <3	138	3 368	+/-7%
WT470C	865	6500	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT470X	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	140	8 119	+/-7%
WT470X	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	142	6 618	+/-7%
WT470X	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	138	7 992	+/-7%
WT470X	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT470X	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	146	3 572	+/-7%
WT470X	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT470X	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	145	3 536	+/-7%
WT471C	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	142	6 618	+/-7%
WT471C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	138	7 992	+/-7%
WT471C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT471C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	141	4 293	+/-7%
WT471C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	143	2 358	+/-7%
WT471C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT471C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	141	2 323	+/-7%
WT480C	840	4000	>80	50x60	(0.38, 0.38) SDCM <3	142	6 618	+/-7%
WT480C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT480C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	132	6 144	+/-7%
WT480C	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT480C	865	6500	>80	110x110	(0.38, 0.38) SDCM <3	138	7 992	+/-7%
WT480X	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%
WT480X	840	4000	>80	120x120	(0.38, 0.38) SDCM <3	138	6 450	+/-7%
WT481C	840	4000	>80	110x110	(0.38, 0.38) SDCM <3	140	6 515	+/-7%

[7] 'Light source color' value description(s): '840' = 840 neutral white, '865' = 865 cool daylight

Protection & classification standards

Type	Protection class IEC[8]	IP Classification[9]	Mech. impact protection code[10]	CE mark	ENEC mark	Flammability mark[11]	Glow-wire test[12] (°C/s)	RoHS mark
WT470C	I	IP66	IK08	CE	ENEC	D	850/5	ROHS
WT470X	I	IP66	IK08	CE	ENEC	D	850/5	ROHS
WT471C	I	IP66	IK08	CE	ENEC	D	850/5	ROHS
WT480C	I	IP66	IK08	CE	ENEC	D	850/5	ROHS
WT480X	I	IP66	IK08	CE	ENEC	D	850/5	ROHS
WT481C	I	IP66	IK08	CE	ENEC	D	850/5	ROHS

[8] 'Protection class IEC' value description(s): 'I' = Safety class I

[9] 'IP Classification' value description(s): 'IP66' = Dust penetration-protected, jet-proof

[10] 'Mech. impact protection code' value description(s): 'IK08' = 5 J vandal-protected

[11] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

[12] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



CoreLine Waterproof – the clear choice for LED

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product Range


A


B

Detailed Photos

Stainless spring steel clips for fast closing of the luminaire


A

Electrical connection between LED driver and diffuser with integrated LED source


B

Ceiling bracket and anti-vandal screws


C

Extra cable gland and stopper


D

Easy installation


E

Easy installation


F

Easy installation


G

Ceiling bracket and anti-vandal screws


H

Ceiling bracket with suspension and anti-vandal screws



I

Close up anti-vandal screw



J

LED module integrated in the cover



K

Side view



L

Front view



M

CoreLine_Waterproof_DOB-DP01.tif



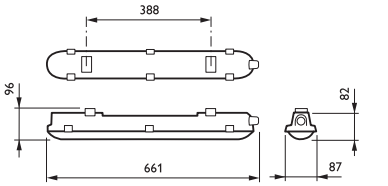
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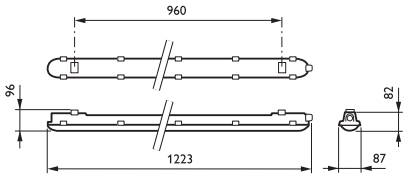


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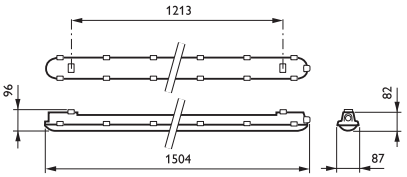
Dimension Drawing



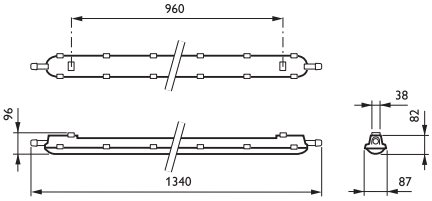
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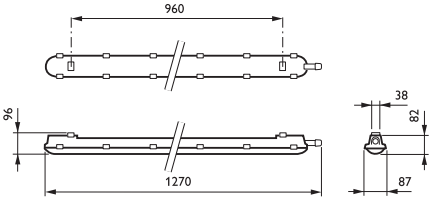
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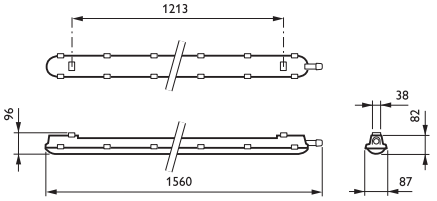
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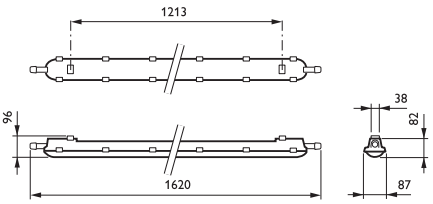
4



5



6



7

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
WT120C	1 LED18S/840	PSD	PC	PI	GR	18.5	114	A	A-M	1	004**58243**
WT120C	1 LED18S/840	PSU	PC	PI	GR	17.6	119	A	A-M	1	004**53335**
WT120C	1 LED22S/840	PSD	PC	PI	GR	24.5	118	A	A-M	2	004**58244**
WT120C	1 LED22S/840	PSD	PC	PI	GR	27.5	105	A	A-M	2	004**58248**
WT120C	1 LED22S/840	PSU		PI5	GR	23.5	123	A		2	004**58794**
WT120C	1 LED22S/840	PSU	PC	PI	GR	23.5	123	A	A-M	2	004**53336**
WT120C	1 LED22S/840	PSU	PC	PI	GR	27.5	105	A	A-M	2	004**54298**
WT120C	1 LED22S/840	PSU	PC	PI	GR	27.5	105	A	A-M	2	004**54303**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Optical cover/lens type[4]	Connec-tion[5]	Accessory color[6]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm	Material Nr. (12NC) (9105...)
WT120C	1 LED34S/840	PSD	PC	PI	GR	30.0	117	A	A-M	3	00458245
WT120C	1 LED34S/840	PSD	PC	PI	GR	33.0	106	A	A-M	3	00458250
WT120C	1 LED34S/840	PSU		PI5	GR	29.5	119	A		3	00458795
WT120C	1 LED34S/840	PSU	PC	PI	GR	29.5	119	A	A-M	3	00453337
WT120C	1 LED34S/840	PSU	PC	PI	GR	33.0	106	A	A-M	3	00454301
WT120C	1 LED34S/840	PSU	PC	PI	GR	33.0	106	A	A-M	3	00454305
WT120C	1 LED40S/840	PSD	PC	PI	GR	36.5	112	A	A-M	2	00458246
WT120C	1 LED40S/840	PSD	PC	PI	GR	39.5	104	A	A-M	2	00458249
WT120C	1 LED40S/840	PSU		PI5	GR	35.5	115	A		2	00458796
WT120C	1 LED40S/840	PSU	PC	PI	GR	35.5	115	A	A-M	2	00453338
WT120C	1 LED40S/840	PSU	PC	PI	GR	39.5	104	A	A-M	2	00454299
WT120C	1 LED40S/840	PSU	PC	PI	GR	39.5	104	A	A-M	2	00454304
WT120C	1 LED60S/840	PSD	PC	PI	GR	49.5	121	A	A-M	3	00458247
WT120C	1 LED60S/840	PSD	PC	PI	GR	52.0	115	A	A-M	3	00458251
WT120C	1 LED60S/840	PSU		PI5	GR	48.0	125	A	A-C, E-M	3	00458797
WT120C	1 LED60S/840	PSU	PC	PI	GR	48.0	125	A	A-M	3	00453339
WT120C	1 LED60S/840	PSU	PC	PI	GR	52.0	115	A	A-M	3	00454302
WT120C	1 LED60S/840	PSU	PC	PI	GR	52.0	115	A	A-M	3	00454306
WT120C	LED40S/840	PSR		PI	GR	36.5	112	A	A-M	2	00465266
WT120C	LED40S/840	PSR		PI	GR	39.5	104	A	A-M	2	00465326
WT120C	LED40S/840	PSU		PI	GR	32.0	125	B	N, O	4	00459301
WT120C	LED40S/840	PSU		PI	GR	32.0	125	B	N, O	5	00459299
WT120C	LED60S/840	PSR		PI	GR	49.5	121	A	A-M	3	00465267
WT120C	LED60S/840	PSR		PI	GR	52.0	115	A	A-M	3	00465327
WT120C	LED60S/840	PSU		PI	GR	48.0	125	B	N, O	6	00459302
WT120C	LED60S/840	PSU		PI	GR	48.0	125	B	N, O	7	00459303

[1] 'Type' value description(s): 'WT120C' = Coreline Waterproof

[2] 'Lamp' value description(s): 'LED18S' = LED Module, system flux 1 800 lm, 'LED22S' = LED Module, system flux 2 200 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED60S' = LED Module, system flux 6 000 lm, '840' = 840 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface, 'PSR' = Power supply unit regulating, 'PSU' = Power supply unit

[4] 'Optical cover/lens type' value description(s): 'PC' = Polycarbonate bowl/cover

[5] 'Connection' value description(s): 'PI' = Push-in connector 3-pole, 'PI5' = Push-in connector 5-pole

[6] 'Accessory color' value description(s): 'GR' = Gray

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WT120C	50-60	220 to 240	+/-10%	0.9	0.030	12.0	32.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.060	8.0	17.6	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.060	8.0	23.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.060	8.0	35.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.060	8.0	48.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.060	8.0	52.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.070	5.3	39.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.250	14.0	27.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.250	14.7	27.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	19.0	33.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	18.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	24.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	30.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	36.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	39.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	49.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.280	21.0	52.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.275	22.0	33.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.275	22.0	39.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.275	22.0	49.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.275	22.0	52.0	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.282	17.8	29.5	1	50 000	30 000	15 000
WT120C	50-60	220 to 240	+/-10%	0.9	0.305	29.0	48.0	1	50 000	30 000	15 000

More data see next page

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
WT120C	50-60	220-240	+/-10%	0.9	0.060	8.0	23.5	1	50 000	30 000	15 000
WT120C	50-60	220-240	+/-10%	0.9	0.060	8.0	35.5	1	50 000	30 000	15 000
WT120C	50-60	220-240	+/-10%	0.9	0.060	8.0	48.0	1	50 000	30 000	15 000
WT120C	50-60	220-240	+/-10%	0.9	0.282	17.8	29.5	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[7]	Light source color[8]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
WT120C	LED18S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	114	2 100	+/-10%
WT120C	LED18S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	119	2 100	+/-10%
WT120C	LED22S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	105	2 900	+/-10%
WT120C	LED22S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	118	2 900	+/-10%
WT120C	LED22S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	123	2 900	+/-10%
WT120C	LED34S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	106	3 500	+/-10%
WT120C	LED34S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	117	3 500	+/-10%
WT120C	LED34S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	119	3 500	+/-10%
WT120C	LED40S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	104	4 100	+/-10%
WT120C	LED40S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	112	4 100	+/-10%
WT120C	LED40S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	115	4 100	+/-10%
WT120C	LED40S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	125	4 000	+/-10%
WT120C	LED60S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	115	6 000	+/-10%
WT120C	LED60S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	121	6 000	+/-10%
WT120C	LED60S	840	4000	≥80	110	(0.38, 0.38) SDCM <3	125	6 000	+/-10%

[7] 'Lamp family code' value description(s): 'LED18S' = LED Module, system flux 1 800 lm, 'LED22S' = LED Module, system flux 2 200 lm, 'LED34S' = LED Module, system flux 3 400 lm, 'LED40S' = LED Module, system flux 4 000 lm, 'LED60S' = LED Module, system flux 6 000 lm

[8] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[9]	IP Classification[10]	Mech. impact protection code[11]	CE mark	ENEC mark	Flammability mark[12]	Glow-wire test[13] (°C/s)	RoHS mark
WT120C	I	IP65	IK08	CE	ENEC	F	850/30	ROHS

[9] 'Protection class IEC' value description(s): 'I' = Safety class I

[10] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[11] 'Mech. impact protection code' value description(s): 'IK08' = 5 J vandal-protected

[12] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[13] 'Glow-wire test' value description(s): '850/30' = Temperature 850 °C, duration 30 s



Pacific Performer WT360C – excellent, efficient and easy

If you want to reduce your energy costs and join a growing number of companies doing their part for sustainability, then the Pacific Performer WT360C is for you. Featuring a fresh new design, this waterproof luminaire combines highly energy-efficient T5 lamp technology with a new reflector system offering excellent beam control. What's more, installation is quick and easy, thanks to the flexible ceiling brackets and smart end-caps. And because the light engine itself can be replaced, it will be possible to upgrade to LEDs in the future without having to change the entire luminaire.

Product Range


A


B

Detailed Photos


A


B

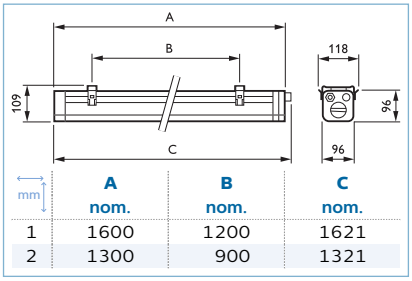

C


D


E


F

Dimension Drawing



mm	A nom.	B nom.	C nom.
1	1600	1200	1621
2	1300	900	1321

Technical Specification

Type[1]	Lamp[2]	Optic type[3]	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9109...)
WT360C	2x49W TL5/840	C	A	A-F	1	253**08912**
WT360C	2x54W TL5/830	WR	B	A-F	2	253**05812**

[1] 'Type' value description(s): '**WT360C**' = Pacific Performer

[2] 'Lamp' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

[3] 'Optic type' value description(s): '**C**' = High-gloss mirror, '**WR**' = White reflector without louver

Accessory Range



Accessory Specification

Type[4]	Suspension accessories[5]	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
WT470Z	CH	UNP / 1	252**38912**

[4] 'Type' value description(s): '**WT470Z**' = Acc. Pacific LED

[5] 'Suspension accessories' value description(s): '**CH**' = Chain hook

Electrical data

Type	Lamp power (W)
WT360C	49
WT360C	54

Light technical data

Type	Lamp family code	Light source color[6]
WT360C	TL5	830
WT360C	TL5	840

[6] 'Light source color' value description(s): '**830**' = 830 warm white, '**840**' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[7]	IP Classification[8]	Mech. impact protection code[9]	CE mark	ENEC mark	Flammability mark[10]	Glow-wire test[11] (°C/s)
WT360C	I	IP66	IK08	CE	ENEC	F	850/5

[7] 'Protection class IEC' value description(s): '**I**' = Safety class I

[8] 'IP Classification' value description(s): '**IP66**' = Dust penetration-protected, jet-proof

[9] 'Mech. impact protection code' value description(s): '**IK08**' = 5 J vandal-protected

[10] 'Flammability mark' value description(s): '**F**' = For mounting on normally flammable surfaces

[11] 'Glow-wire test' value description(s): '**850/5**' = Temperature 850 °C, duration 5 s

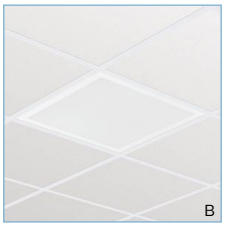


Cleanroom LED CR250B – uniform, reliable, value-for-money solution

In applications where hygiene is crucially important, such as hospitals and food production facilities, customers want proven IP65 and IP54-rated luminaires that are safe to use and come at an attractive price. This family of fixtures represent true value for money: the Philips LED engine delivers reliable, high-quality light, and the flexible mounting possibilities mean that this family can be used in a wide range of applications. The fixtures are also compliant with all relevant standards (CE, EMC, RoHS).

Product Range


A


B


C


D

Detailed Photos


A

DALI version with two fly-wire power cables, 75 cm


B

DALI version with two cable glands


C


D

Fixed-output version with one cable gland


E

Fixed-output version with one fly-wire power cable, 75 cm


F

Fixed output one cable gland delivered in plastic bag, for CR250B version only


G


H


I

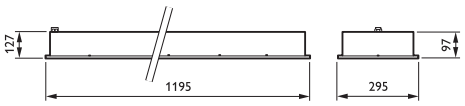
Plaster-ceiling brackets


J

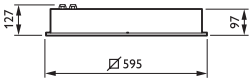
Screw fastener


K

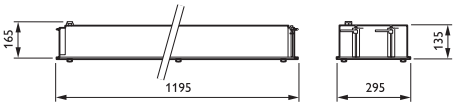
Dimension Drawing



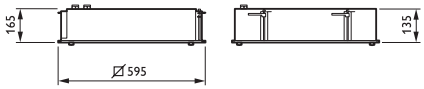
1



2



3



4

Technical Specification

Type	Lamp[1]	Driver/ power unit/ trans-former[2]	Geometry	Optical cover/ lens type[3]	Connec-tion[4]	Accessory color[5]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	Com-pound Photo	mm	Material Nr. (12NC) (9105...)
CR150B	2 GRN35/840	PSD	W30L120	PM		WH	40	88.0	A	A-C	A	1	039**10178**
CR150B	2 GRN35/840	PSD	W60L60	PM		WH	40	88.0	B	D	B	2	039**10176**
CR150B	2 GRN35/840	PSU	W30L120	PM		WH	40	88.0	A	A, E, F	A	1	039**10177**
CR150B	2 GRN35/840	PSU	W60L60	PM		WH	40	88.0	B	D	B	2	039**10175**
CR250B	2 GRN35/840	PSD	W30L120	GC-D	SCREW	WH	40	88.0	C	G, H	C	3	039**10172**
CR250B	2 GRN35/840	PSD	W60L60	GC-D	SCREW	WH	40	88.0	D	G, I-K	D	4	039**10168**
CR250B	2 GRN35/840	PSU	W30L120	GC-D	SCREW	WH	40	88.0	C	G, H	C	3	039**10171**
CR250B	2 GRN35/840	PSU	W60L60	GC-D	SCREW	WH	40	88.0	D	G, I-K	D	4	039**10167**
CR250B	2 GRN55/840	PSD	W30L120	GC-D	SCREW	WH	63	87.0	C	G, H	C	3	039**10174**
CR250B	2 GRN55/840	PSD	W60L60	GC-D	SCREW	WH	63	87.0	D	G, I-K	D	4	039**10170**
CR250B	2 GRN55/840	PSU	W30L120	GC-D	SCREW	WH	63	87.0	C	G, H	C	3	039**10173**
CR250B	2 GRN55/840	PSU	W60L60	GC-D	SCREW	WH	63	87.0	D	G, I-K	D	4	039**10169**

[1] 'Lamp' value description(s): '**GRN35**' = LED GreenLine 3 500 lm, '**GRN55**' = LED GreenLine 5 500 lm, '**840**' = 840 neutral white

[2] 'Driver/power unit/transformer' value description(s): '**PSD**' = Power supply unit with DALI interface, '**PSU**' = Power supply unit

[3] 'Optical cover/lens type' value description(s): '**GC-D**' = Clear glass with diffuser foil, '**PM**' = Polymethyl methacrylate bowl/cover

[4] 'Connection' value description(s): '**SCREW**' = Screw connector

[5] 'Accessory color' value description(s): '**WH**' = White

Accessory Range

Bracket for surface mounting, plaster ceiling


A

Bracket for surface mounting, module size 600x600 mm

B

Bracket for surface mounting, module size 300x1200 mm

C

Safety cable


D

Bracket for surface mounting, module size 600x600 mm


E

Bracket for surface mounting, module size 300x1200 mm


F

Accessory Specification

Type	Accessory color[6]	Material[7]	CE mark	Mech. impact protection code[8]	IP Classification[9]	Suspension accessories[10]	Photo letter	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9109...)
CR150Z	STL	STL	CE			SMB-PLC	A	CT / 100	300**30818**
CR150Z	WH	STL	CE	IK03	IP20	SMB-PLC	B	UNP / 1	300**30618**
CR150Z	WH	STL	CE	IK03	IP20	SMB-PLC	C	UNP / 1	300**30718**
CR250Z	STL	STL	CE			SMB-PLC	D	CT / 100	300**30918**
CR250Z	WH	STL	CE	IK03	IP20	SMB-PLC	E	UNP / 1	300**30418**
CR250Z	WH	STL	CE	IK03	IP20	SMB-PLC	F	UNP / 1	300**30518**

[6] 'Accessory color' value description(s): 'STL' = Steel, 'WH' = White

[7] 'Material' value description(s): 'STL' = Steel

[8] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J

[9] 'IP Classification' value description(s): 'IP20' = Finger-protected

[10] 'Suspension accessories' value description(s): 'SMB-PLC' = Ceiling mounting bracket for plaster ceiling

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
CR150B	50-60	220-240	+/-5%	0.9	270	13.0	40	1	50 000	30 000	15 000
CR150B	50-60	220-240	+/-5%	0.9	750	4.6	40	1	50 000	30 000	15 000
CR250B	50-60	220-240	+/-5%	0.9	220	21.0	63	1	50 000	30 000	15 000
CR250B	50-60	220-240	+/-5%	0.9	270	13.0	40	1	50 000	30 000	15 000
CR250B	50-60	220-240	+/-5%	0.9	750	4.6	40	1	50 000	30 000	15 000
CR250B	50-60	220-240	+/-5%	0.9	900	4.8	63	1	50 000	30 000	15 000

Light technical data

Type	Lamp family code[11]	Light source color[12]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
CR150B	GRN35	840	4000	>80	110	(0.38, 0.38) SDCM <4	88.0	3 500	+/-5%
CR250B	GRN35	840	4000	>80	110	(0.38, 0.38) SDCM <4	88.0	3 500	+/-5%
CR250B	GRN55	840	4000	>80	110	(0.38, 0.38) SDCM <3	87.0	5 500	+/-5%

[11] 'Lamp family code' value description(s): 'GRN35' = LED GreenLine 3 500 lm, 'GRN55' = LED GreenLine 5 500 lm

[12] 'Light source color' value description(s): '840' = 840 neutral white

Protection & classification standards

Type	Protection class IEC[13]	IP Classification[14]	Mech. impact protection code[15]	CE mark	Flammability mark[16]	Glow-wire test[17] (°C/s)	RoHS mark
CR150B	II	IP54	IK03	CE	D	650/30	ROHS
CR250B	II	IP65	IK07	CE	D	850/30	ROHS

[13] 'Protection class IEC' value description(s): 'II' = Safety class II

[14] 'IP Classification' value description(s): 'IP54' = Dust accumulation-protected, splash-proof, 'IP65' = Dust penetration-protected, jet-proof

[15] 'Mech. impact protection code' value description(s): 'IK03' = 0.3 J, 'IK07' = 2 J reinforced

[16] 'Flammability mark' value description(s): 'D' = For mounting on easily flammable surfaces

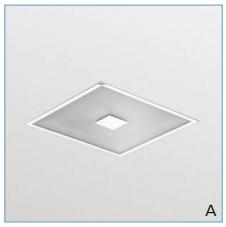
[17] 'Glow-wire test' value description(s): '650/30' = Temperature 650 °C, duration 30 s, '850/30' = Temperature 850 °C, duration 30 s

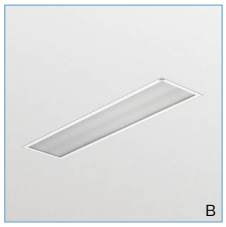


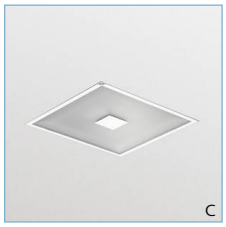
LED cleanroom – hygienic, efficient solution offering excellent vision at work

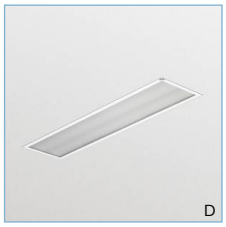
Customers operating highly hygienic facilities – in hospitals, laboratories, and certain production environments, e. g. in the food industry – require special IP65, easy-to-clean, dust-free luminaires that meet all applicable lighting requirements and norms. With the latest LED engine on board, this LED cleanroom luminaire represents the ideal solution, delivering market-leading energy performance – far beyond fluorescent solutions – over 50,000 hours of maintenance-free operation. This means extremely low operational cost over the total lifetime of the luminaire, and so an excellent financial return on investment. The luminaire's high color rendering properties ensure the top-class optical performance required in e. g. clinical areas in hospitals and other areas where it is crucial to be able to distinguish between colors, such as in the graphical and clothing industries.

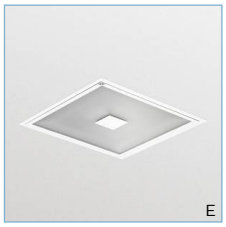
Product Range


A

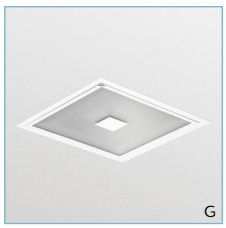

B


C


D


E


F


G


H

Detailed Photos

Front view


A

Access to the optics, lamps and gear


B


C

Cleanroom LED CR434B recessed luminaire


D

Cleanroom LED CR434B recessed luminaire


E

Cleanroom LED CR436B recessed luminaire


F

Cleanroom LED CR436B recessed luminaire


G

Cleanroom LED CR444B recessed luminaire


H

Cleanroom LED CR444B recessed luminaire



I

Cleanroom LED CR446B recessed luminaire



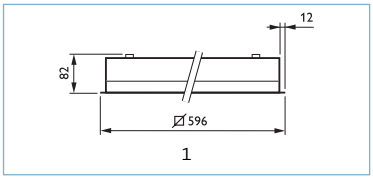
J

Cleanroom LED CR446B recessed luminaire

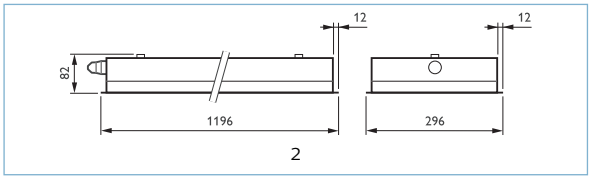


K

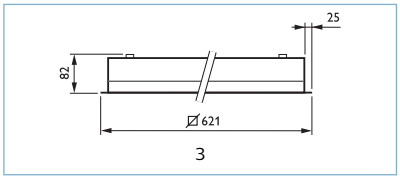
Dimension Drawing



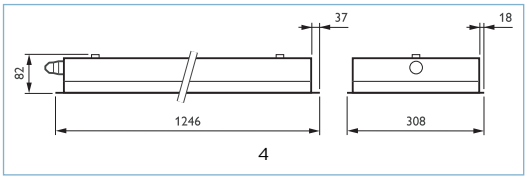
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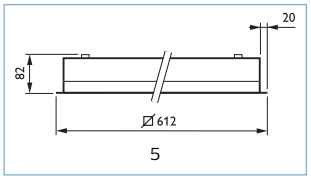
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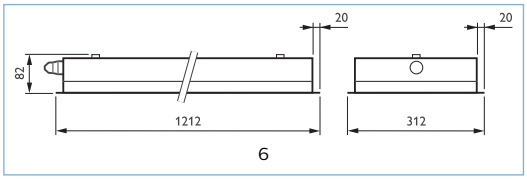
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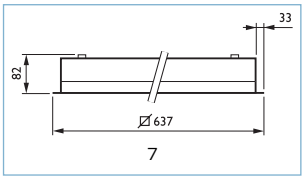
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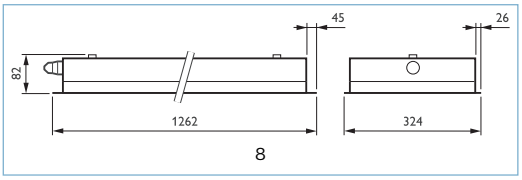
5



6



7



8

Technical Specification

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	mm	Material Nr. (12NC) (9105...)
CR434B	1 LED48/830	PSD	W60L60	AC-MLO	PI	WH	32.0	113.0	A	A-D	1	019**78003**
CR434B	1 LED48/840	PSD	W60L60	AC-MLO	PI	WH	32.5	120.0	A	A-D	1	019**78103**
CR434B	1 LED48/840	PSD	W60L60	AC-MLO	PI	WH	32.5	120.0	A	A-D	1	019**84203**
CR434B	1 LED48/940	PSD	W60L60	AC-MLO	PI	WH	40.5	96.0	A	A-D	1	020**32203**
CR434B	1 LED88/830	PSD	W30L120	AC-MLO	PI	WH	55.0	109.0	B	A-C, E	2	019**78403**
CR434B	1 LED88/830	PSD	W60L60	AC-MLO	PI	WH	55.0	109.0	A	A-D	1	019**78203**
CR434B	1 LED88/840	PSD	W30L120	AC-MLO	PI	WH	55.0	115.0	B	A-C, E	2	019**78503**
CR434B	1 LED88/840	PSD	W30L120	AC-MLO	PI	WH	55.0	115.0	B	A-C, E	2	019**84403**
CR434B	1 LED88/840	PSD	W60L60	AC-MLO	PI	WH	55.0	115.0	A	A-D	1	019**78303**
CR434B	1 LED88/840	PSD	W60L60	AC-MLO	PI	WH	55.0	115.0	A	A-D	1	019**84303**
CR434B	1 LED88/940	PSD	W30L120	AC-MLO	PI	WH	68.0	93.0	B	A-C, E	2	020**32403**
CR434B	1 LED88/940	PSD	W60L60	AC-MLO	PI	WH	68.0	93.0	A	A-D	1	020**32303**
CR436B	1 LED48/840	PSD	W62L62	AC-MLO	PI	WH	32.5	120.0	C	A-C, F	3	019**78703**
CR436B	1 LED48/940	PSD	W62L62	AC-MLO	PI	WH	40.5	96.0	C	A-C, F	3	020**32503**
CR436B	1 LED88/840	PSD	W31L125	AC-MLO	PI	WH	55.0	115.0	D	A-C, G	4	019**79103**
CR436B	1 LED88/840	PSD	W62L62	AC-MLO	PI	WH	55.0	115.0	C	A-C, F	3	019**78903**
CR436B	1 LED88/940	PSD	W31L125	AC-MLO	PI	WH	68.0	93.0	D	A-C, G	4	020**32703**
CR436B	1 LED88/940	PSD	W62L62	AC-MLO	PI	WH	68.0	93.0	C	A-C, F	3	020**32603**
CR444B	1 LED48/830	PSD	W60L60	AC-MLO	PI	WH	32.0	113.0	E	A-C, H	5	019**79203**
CR444B	1 LED48/840	PSD	W60L60	AC-MLO	PI	WH	32.5	120.0	E	A-C, H	5	019**79303**
CR444B	1 LED48/840	PSD	W60L60	AC-MLO	PI	WH	32.5	120.0	E	A-C, H	5	019**84503**
CR444B	1 LED48/940	PSD	W60L60	AC-MLO	PI	WH	40.5	96.0	E	A-C, H	5	020**32803**
CR444B	1 LED88/840	PSD	W30L120	AC-MLO	PI	WH	55.0	115.0	F	A-C, I	6	019**79703**
CR444B	1 LED88/840	PSD	W30L120	AC-MLO	PI	WH	55.0	115.0	F	A-C, I	6	019**84703**
CR444B	1 LED88/840	PSD	W60L60	AC-MLO	PI	WH	55.0	115.0	E	A-C, H	5	019**79503**
CR444B	1 LED88/940	PSD	W30L120	AC-MLO	PI	WH	68.0	93.0	F	A-C, I	6	020**33003**
CR444B	1 LED88/940	PSD	W60L60	AC-MLO	PI	WH	68.0	93.0	E	A-C, H	5	020**32903**

More data see next page

Type[1]	Lamp[2]	Driver/ power unit/ trans-former[3]	Geometry[4]	Optical cover/lens type[5]	Connec-tion[6]	Accessory color[7]	Initial input power (W)	Luminous Efficacy (Rated) (lm/W)	Photo letter	Detailed Photo	⟷ mm ↕	Material Nr. (12NC) (9105...)
CR446B	1 LED48/840	PSD	W62L62	AC-MLO	PI	WH	32.5	120.0	G	A-C, J	7	019**79903**
CR446B	1 LED48/940	PSD	W62L62	AC-MLO	PI	WH	40.5	96.0	G	A-C, J	7	020**33103**
CR446B	1 LED88/840	PSD	W62L62	AC-MLO	PI	WH	55.0	115.0	G	A-C, J	7	019**80103**
CR446B	1 LED88/940	PSD	W31L125	AC-MLO	PI	WH	68.0	93.0	H	A-C, K	8	020**33303**
CR446B	1 LED88/940	PSD	W62L62	AC-MLO	PI	WH	68.0	93.0	G	A-C, J	7	020**33203**

[1] 'Type' value description(s): 'CR434B' = Led Cleanroom mod. 600 lay-in, 'CR436B' = Led Cleanroom mod. 625 lay-in, 'CR444B' = Led Cleanroom mod. 600 lay-out, 'CR446B' = Led Cleanroom mod. 625 lay-out

[2] 'Lamp' value description(s): 'LED48' = LED Module 4 800 lm, 'LED88' = LED Module 8 800 lm, '830' = 830 warm white, '840' = 840 neutral white, '940' = 940 neutral white

[3] 'Driver/power unit/transformer' value description(s): 'PSD' = Power supply unit with DALI interface

[4] 'Geometry' value description(s): 'W30L120' = Width 0.30 m, length 1.20 m, 'W31L125' = Width 0.31 m, length 1.25 m, 'W60L60' = Width 0.60 m, length 0.60 m, 'W62L62' = Width 0.62 m, length 0.62 m

[5] 'Optical cover/lens type' value description(s): 'AC-MLO' = Acrylate micro-lens optic

[6] 'Connection' value description(s): 'PI' = Push-in connector 3-pole

[7] 'Accessory color' value description(s): 'WH' = White

Electrical data

Type	Input Frequency (Hz)	Input Voltage (V)	Lamp Power Tolerance	Power Factor ([min.])	Inrush time (ms)	Inrush current (A)	Initial input power (W)	Driver failure rate at 5000 h (%)	Median useful life L70B50 (h)	Median useful life L80B50 (h)	Median useful life L90B50 (h)
CR434B	50-60	220 to 240	+/-10%	0.95	1	48	32.0	1	70 000	50 000	25 000
CR434B	50-60	220 to 240	+/-10%	0.95	1	48	32.5	1	70 000	50 000	25 000
CR434B	50-60	220 to 240	+/-10%	0.95	1	48	40.5	1	70 000	50 000	25 000
CR434B	50-60	220 to 240	+/-10%	0.95	1	48	55.0	1	70 000	50 000	25 000
CR434B	50-60	220 to 240	+/-10%	0.95	1	48	68.0	1	70 000	50 000	25 000
CR436B	50-60	220 to 240	+/-10%	0.95	1	48	32.5	1	70 000	50 000	25 000
CR436B	50-60	220 to 240	+/-10%	0.95	1	48	40.5	1	70 000	50 000	25 000
CR436B	50-60	220 to 240	+/-10%	0.95	1	48	55.0	1	70 000	50 000	25 000
CR436B	50-60	220 to 240	+/-10%	0.95	1	48	68.0	1	70 000	50 000	25 000
CR444B	50-60	220 to 240	+/-10%	0.95	1	48	32.0	1	70 000	50 000	25 000
CR444B	50-60	220 to 240	+/-10%	0.95	1	48	32.5	1	70 000	50 000	25 000
CR444B	50-60	220 to 240	+/-10%	0.95	1	48	40.5	1	70 000	50 000	25 000
CR444B	50-60	220 to 240	+/-10%	0.95	1	48	55.0	1	70 000	50 000	25 000
CR444B	50-60	220 to 240	+/-10%	0.95	1	48	68.0	1	70 000	50 000	25 000
CR446B	50-60	220 to 240	+/-10%	0.95	1	48	32.5	1	70 000	50 000	25 000
CR446B	50-60	220 to 240	+/-10%	0.95	1	48	40.5	1	70 000	50 000	25 000
CR446B	50-60	220 to 240	+/-10%	0.95	1	48	55.0	1	70 000	50 000	25 000
CR446B	50-60	220 to 240	+/-10%	0.95	1	48	68.0	1	70 000	50 000	25 000

Light technical data

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
CR434B	LED48	830	3000	≥80	120	(0.43, 0.40) SDCM <3	113.0	3 600	+/-10%
CR434B	LED48	840	4000	≥80	120	(0.38, 0.38) SDCM <3	120.0	3 900	+/-10%
CR434B	LED48	940	4000	≥90	120	(0.38, 0.38) SDCM <3	96.0	3 900	+/-10%
CR434B	LED88	830	3000	≥80	120	(0.43, 0.40) SDCM <3	109.0	6 000	+/-10%
CR434B	LED88	840	4000	≥80	120	(0.38, 0.38) SDCM <3	115.0	6 300	+/-10%
CR434B	LED88	940	4000	≥90	120	(0.38, 0.38) SDCM <3	93.0	6 300	+/-10%
CR436B	LED48	840	4000	≥80	120	(0.38, 0.38) SDCM <3	120.0	3 900	+/-10%
CR436B	LED48	940	4000	≥90	120	(0.38, 0.38) SDCM <3	96.0	3 900	+/-10%
CR436B	LED88	840	4000	≥80	120	(0.38, 0.38) SDCM <3	115.0	6 300	+/-10%
CR436B	LED88	940	4000	≥80	120	(0.38, 0.38) SDCM <3	93.0	6 300	+/-10%
CR444B	LED48	830	3000	≥80	120	(0.43, 0.40) SDCM <3	113.0	3 600	+/-10%
CR444B	LED48	840	4000	≥80	120	(0.38, 0.38) SDCM <3	120.0	3 900	+/-10%
CR444B	LED48	940	4000	≥80	120	(0.38, 0.38) SDCM <3	96.0	3 900	+/-10%
CR444B	LED88	840	4000	≥80	120	(0.38, 0.38) SDCM <3	115.0	6 300	+/-10%
CR444B	LED88	940	4000	≥80	120	(0.38, 0.38) SDCM <3	93.0	6 300	+/-10%

More data see next page

Type	Lamp family code[8]	Light source color[9]	Init. Corr. Color Temperature (K)	Colour Rendering Index	(°)	Initial chromaticity	Luminous Efficacy (Rated) (lm/W)	Initial luminous flux (system flux) (lm)	Luminous flux tolerance
CR446B	LED48	840	4000	≥80	120	(0.38, 0.38) SDCM <3	120.0	3 900	+/-10%
CR446B	LED48	940	4000	≥80	120	(0.38, 0.38) SDCM <3	96.0	3 900	+/-10%
CR446B	LED88	840	4000	≥80	120	(0.38, 0.38) SDCM <3	115.0	6 300	+/-10%
CR446B	LED88	940	4000	≥80	120	(0.38, 0.38) SDCM <3	93.0	6 300	+/-10%

[8] 'Lamp family code' value description(s): 'LED48' = LED Module 4 800 lm, 'LED88' = LED Module 8 800 lm

[9] 'Light source color' value description(s): '830' = 830 warm white, '840' = 840 neutral white, '940' = 940 neutral white

Protection & classification standards

Type	Protection class IEC[10]	Safety device[11]	IP Classification[12]	Mech. impact protection code[13]	CE mark	ENEC mark	Flammability mark[14]	Glow-wire test[15] (°C/s)	RoHS mark
CR434B	I	No	IP65	IK05	CE	ENEC+	F	850/5	ROHS
CR434B	I	SC	IP65	IK05	CE	ENEC+	F	850/5	ROHS
CR436B	I	No	IP65	IK05	CE	ENEC+	F	850/5	ROHS
CR444B	I	No	IP65	IK05	CE	ENEC+	F	850/5	ROHS
CR444B	I	SC	IP65	IK05	CE	ENEC+	F	850/5	ROHS
CR446B	I	No	IP65	IK05	CE	ENEC+	F	850/5	ROHS

[10] 'Protection class IEC' value description(s): 'I' = Safety class I

[11] 'Safety device' value description(s): 'SC' = Safety cable

[12] 'IP Classification' value description(s): 'IP65' = Dust penetration-protected, jet-proof

[13] 'Mech. impact protection code' value description(s): 'IK05' = 0.7 J

[14] 'Flammability mark' value description(s): 'F' = For mounting on normally flammable surfaces

[15] 'Glow-wire test' value description(s): '850/5' = Temperature 850 °C, duration 5 s



Installer Based Smart Sensors



OccuSwitch 411



OccuSwitch DALI 412



OccuSwitch Wireless 413

Indoor Accessories



Indoor Accessories 414

Dynalite



Dynalite LED PWM Controllers 416



Dynalite Multipurpose Controllers 417



Dynalite Relay Controllers 420



Dynalite Signal Dimmer Controllers 422



Dynalite Integration Devices 424



Dynalite Network Devices 426

Luminaire Based Systems



Dynalite Phase-Cut Dimmers 428



Dynalite Sensors 430



Dynalite User Interfaces 432



ActiLume DALI 434



ActiLume 1-10V 435



ActiLume Wireless 437



LuxSense 438



ActiLume MicroLuxSense 439



Luminaire Based Accessories 440

Color Kinetics Controls



LED Lighting Systems Controllers 442



SSL Controls 444



Vaya Touch Controller 445



LED Lighting Power/Data supplies 446



LED Lighting Systems Accessories 448



Antumbra iColor Keypad 449

Outdoor Stand Alone



ZCX400 Power/data accessories 450



ActiveSite 453



Dynadimmer 454



VAYA DMX Booster 455



OccuSwitch - a smart move

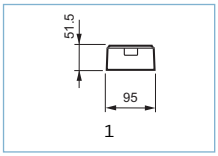
The OccuSwitch is a movement detector with a built-in switch. It will switch the lights off in a room or area when it is vacated and thus save up to 30% on electricity. The OccuSwitch can switch any load of up to 6 A and control an area of between 20 and 25 m^2. A detachable mains connector enables easy installation and mounting of the OccuSwitch in the ceiling

Product Range

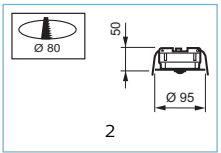

A


B

Dimension Drawing



1



2

Main Data

Type	SAP Packing (Piece)/Packaging configuration	mm	Photo letter	Material Nr. (12NC) (9137...)
LRH1070/00 SENSR SURFACE BOX	CT / 42	1	A	003**28003**
LRM1070/00 SENSR MOV DET ST	CT / 42	2	B	003**27803**
LRM1075/00 SENSOR MOV DET ST CH	CT / 42		B	003**44670**
LRM1080/00 SENSR MOV DET ST IR	CT / 42	2	B	003**27903**
LRM1085/00 SENSOR MOV DET ST IR CH	CT / 42		B	003**44770**



OccuSwitch DALI – a simple solution for demanding installations

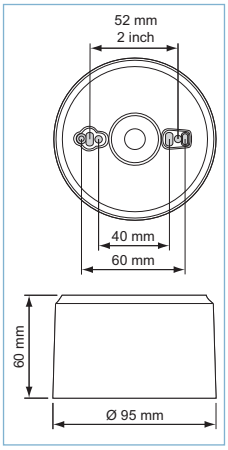
The OccuSwitch DALI is a combined sensor and controller and will dim and switch the lights in a room or area upon occupancy and according to the available daylight, with options for local override, parallel operation and network links to Building Management Systems (BMS). OccuSwitch DALI is designed for an office area of between 20 and 25 m^2, but the area can be expanded two or three times by adding the extension sensor LRM8118. Up to 15 luminaires can be controlled. OccuSwitch Dali is easy to install and requires limited commissioning, if any.

Product Range





Dimension Drawing



Main Data

Type	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
LRH2070/00 SURFACE BOX	CT / 42	A	003**33903**
LRM2070/30 BASIC	CT / 42	B	003**32904**
LRM2080/30 ADVANCED	CT / 42	B	003**33004**
LRM2090/40 BMS	CT / 42	B	003**33103**



OccuSwitch Wireless - switching on savings in existing installations

The OccuSwitch Wireless family consists of wireless sensors and an actuator (relay-box). Savings of up to 30% can be achieved by simply turning off the lights in unoccupied areas. Battery-operated, with a typical lifetime of 8-10 years. The actuator can switch any load up to 6 A and can be located in the ceiling or corridor. Designed to control an area of 20-25 m^2 but the area can be expanded to 160 m^2 by adding extra sensors. Up to 10 sensors and/or actuators can be combined in one parallel network. The maximum distance between the sensor and actuator is 10 meters (depending on the application). A detachable mains wiring connector enables easy installation. Separate Wieland and CEE cables are available for even easier, faster and trouble-free installation. With the extended scope of OccuSwitch Wireless functionality (increased number of sensors and interoperable with wireless ActiLume range), all wireless devices should be from the same version (LRM/LRA/LLC XXXX/10 or higher).

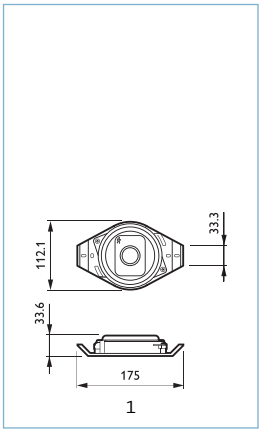
Product Range

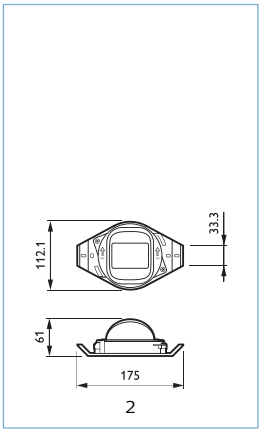


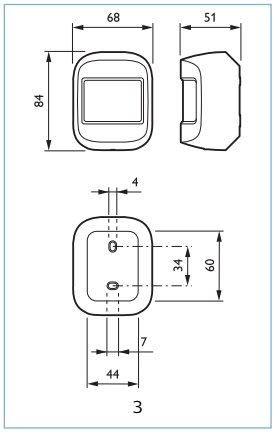


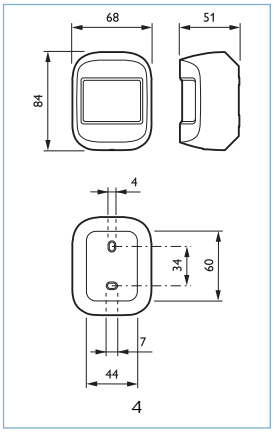


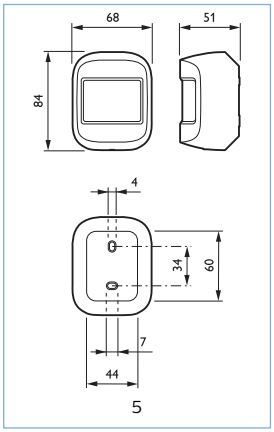
Dimension Drawing











Main Data

Type	SAP Packing (Piece)/Packaging configuration	mm	Photo letter	Material Nr. (12NC) (9137...)
LRH1763/00 IP65 Holder OS W multi Sensor	UNP / 10	1	A	003**60003**
LRH1765/00 IP65 Holder OS W C-C-W Sensor	UNP / 6	2	B	003**60103**
LRM1765/10 OS Wireless Corridor sensor	CT / 20	3	C	003**52003**
LRM1770/10 OS Wireless Corner sensor	CT / 20	4	C	003**51603**
LRM1775/10 OS Wireless Wall sensor	CT / 20	5	C	003**51803**



Accessories - completing your system

Indoor lighting control accessories cover all the user interfaces, sensors, cables, dimmers and other accessories that can be used with our control systems or stand-alone with our lighting systems.

Product Range


A


B


C


D


E


F


G


H


I

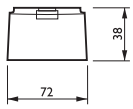

J


K

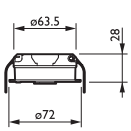

L


M

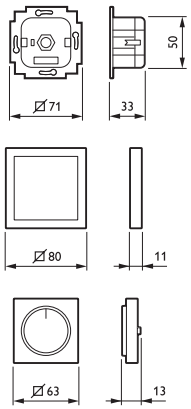
Dimension Drawing



1



2



3

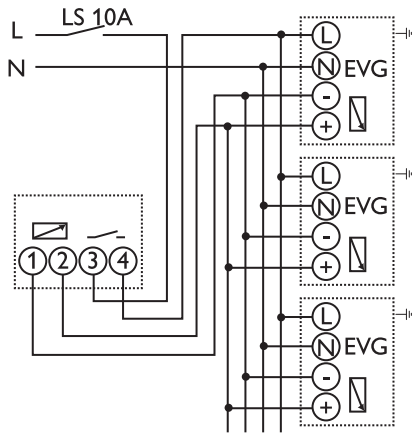
Main Data

Type	SAP Packing (Piece)/Packaging configuration	mm	Photo letter	Material Nr. (12NC)
IRT9010/00 Transmitter IR Point	CC / 1		A	913700392403
IRT9020/00 Simple Transmitter IR Point	CT / 100		B	913701035703
IRT9090/01 Extended IR Programming Tool	CC / 1		C	913700359103
LRH8100/00 SENSR SURFACE BOX	CT / 24	1	D	913700318903
LRH8600/00 Surface mounting box for dimm	CT / 50		E	913700358403
LRM8118/00 ACTILUME EXTENSION SENSOR	CT / 24	2	F	913700324703
OCC-DL SENSOR IA CM IP42 WH	CT / 10		G	929001819102
OCC SENSOR IA CM IP42 WH	CT / 10		H	929001819002
OCC SENSOR IA CM IP42 WH	SL / 10		H	929001819010
UID8450/10 ZGP Switch Dim 2B	NO / 1		I	913700364303
UID8451/10 ZGP Switch Dim 2B	CT / 20		J	913700364403
UID8460/10 ZGP Switch Scene Recall 4B	NO / 1		K	913700364103
UID8461/10 ZGP Switch Scene recall 4B	CT / 20		L	913700364203
UID8600/00 1-10V Dimmer	CT / 50	3	M	913700355603
UID8620/00 DALI Dimmer	CT / 50	3	M	913700355703

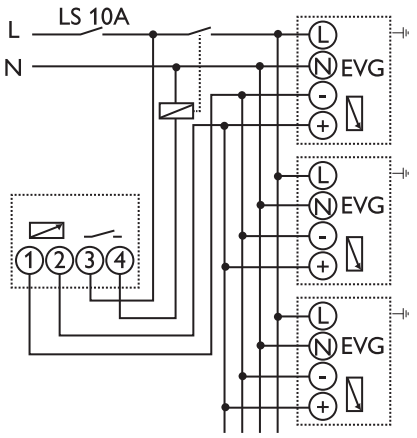
Wiring Data

Commercial product name	Wiring Diagram
UID8600/00 1-10V Dimmer	W1, W2
UID8620/00 DALI Dimmer	W3

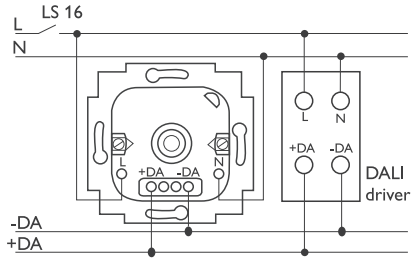
W1



W2



W3





Sophisticated yet simple energy-efficient lighting control solutions

Capable of directly driving LED fittings, the Dynalite LED Dimmers use Pulse Width Modulation (PWM) technology to great effect.

Perfectly suited to Red, Green, Blue (RGB) color changing applications, chase sequencing or provision of elegant scene settings. The Dynalite LED drivers come in a range of configurations to meet the compatibility requirements of many of the available LED fittings. Each device is ready to receive native DMX allowing them to be used in color mixing or chase sequence applications.

Product Range



Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9137...)
DDLEDC605GL	Lighting control system component - Dynalite LED PWM Controllers	NO / 1	030**61209**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DDLEDC605GL	0 to +40 °C	CE mark	RoHS mark



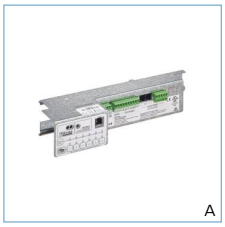
Sophisticated yet simple energy-efficient lighting control solutions

Within any project, many different lighting load types may be required to achieve a desired result. Each of these load types may require a different style of control. The Dynalite range of multipurpose controllers allows customization of output types via different output module units.

When using DIN-rail multipurpose controllers, a specific type of control can be chosen for each circuit: relay, leading-edge dimmer, trailing-edge dimmer, driver control, controller with out-of-the-box functionality, fan control, and blind/screen control.

In any combination, multiple load types can be controlled from a single device. This simplifies installation and prevents wasted capacity of circuits that are not required.

Product Range


A


B


C


D


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F


G


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N


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R


S


T


U


V


W


X

Main Data

Type	Description short	Input Frequency (Hz)	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DCM-DyNet	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	A	036**66209**
DDMC-GRMS	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	B	032**12509**
DDMC802	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	C	032**43509**
DGBM200 V2	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	D	032**61209**
DGLM105	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	E	032**60809**
DGLM202	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	F	032**60909**
DGLM402	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	G	032**61009**
DGRM204 V2	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	H	032**61109**
DGTM104	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	I	032**60609**
DGTM202	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	J	032**60709**
DGTM402 V2	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	K	030**24309**
DMC-GRMS-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	L	033**31209**
DMC2-CE	Lighting control system component - Dynalite Multipurpose Controllers	50-60	NO / 1	M	036**66109**
DMC2-UL	Lighting control system component - Dynalite Multipurpose Controllers	50-60	NO / 1	M	036**66009**
DMC4-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	N	036**67909**
DMC4-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	N	036**67809**
DMC810GL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	O	030**28009**
DMD310-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	P	036**66609**
DMD316-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	Q	036**66709**
DMD316-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	Q	036**67509**
DMD316FR-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	Q	036**68709**
DMP310GL-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	R	036**66809**
DMP310GL-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	R	036**67609**
DMP603GL-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	R	036**68509**
DMP603GL-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	S	036**68409**
DMR310-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	T	036**66409**
DMR316-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	T	036**66509**
DMR316-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	U	036**67409**
DMR610GL-CE	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	T	036**68209**
DMR610GL-UL	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	V	036**68109**
DSM2	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	W	035**00509**
DSM4	Lighting control system component - Dynalite Multipurpose Controllers		NO / 1	X	036**68009**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DCM-DyNet	0 to +40 °C	CE mark	RoHS mark
DDMC-GRMS			
DDMC802	0 to +40 °C	CE mark	RoHS mark
DGBM200 V2			
DGLM105			
DGLM202			
DGLM402			
DGRM204 V2			
DGTM104			
DGTM202			
DGTM402 V2			
DMC-GRMS-UL	0 to +40 °C		
DMC2-CE	0 to +40 °C	CE mark	RoHS mark
DMC2-UL	0 to +40 °C	CE mark	RoHS mark
DMC4-CE	0 to +40 °C	CE mark	RoHS mark
DMC4-UL	0 to +40 °C	CE mark	RoHS mark
DMC810GL	0 to +40 °C	CE mark	RoHS mark
DMD310-CE	0 to +40 °C	CE mark	RoHS mark
DMD316-CE	0 to +40 °C	CE mark	RoHS mark
DMD316-UL	0 to +40 °C	CE mark	RoHS mark
DMD316FR-UL	0 to +40 °C	CE mark	RoHS mark
DMP310GL-CE	0 to +40 °C	CE mark	RoHS mark
DMP310GL-UL	0 to +40 °C	CE mark	RoHS mark
DMP603GL-CE	0 to +40 °C	CE mark	RoHS mark
DMP603GL-UL	0 to +40 °C	CE mark	RoHS mark
DMR310-CE	0 to +40 °C	CE mark	RoHS mark
DMR316-CE	0 to +40 °C	CE mark	RoHS mark
DMR316-UL	0 to +40 °C	CE mark	RoHS mark
DMR610GL-CE	0 to +40 °C	CE mark	RoHS mark
DMR610GL-UL	0 to +40 °C	CE mark	RoHS mark
DSM2			
DSM4	0 to +40 °C	CE mark	RoHS mark



Sophisticated yet simple energy-efficient lighting control solutions

As one of the most popular forms of lighting control, relay controllers can have the greatest impact in terms of energy management and lighting control. Available in both DIN-rail and wall-box configurations, this Dynalite solution enables a vast range of relay controllers with a variety of circuit numbers and sizes to work individually or as part of a system, thus fulfilling any project requirement.

Each device can store over 170 presets, allowing the recall of complex switching logic from simple network messages. As the required preset scenarios are stored within each relay device, the commissioning process and network messages are simplified.

Product Range


A


B


C


D


E


F


G

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DDRC-GRMS	Lighting control system component - Dynalite Relay Controllers	NO / 1	A	036**67709**
DDRC420FR	Lighting control system component - Dynalite Relay Controllers	NO / 1	B	032**44609**
DDRC810DT-GL	Lighting control system component - Dynalite Relay Controllers	NO / 1	C	030**35209**
DDRC1220FR-GL-V3	Dynalite Relay Controllers	NO / 1	D	032**43009**
DMRC210	Lighting control system component - Dynalite Relay Controllers	NO / 1	E	030**50009**
DMRC210DA-RJ12	Lighting control system component - Dynalite Relay Controllers	NO / 1	F	030**50109**
DRC-GRMS-UL	Lighting control system component - Dynalite Relay Controllers	NO / 1	G	033**31109**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DDRC-GRMS	0 to +40 °C	CE mark	RoHS mark
DDRC420FR	0 to +50 °C	CE mark	RoHS mark
DDRC810DT-GL	0 to +50 °C	CE mark	RoHS mark
DDRC1220FR-GL-V3			
DMRC210	0 to +50 °C	CE mark	RoHS mark
DMRC210DA-RJ12	0 to +50 °C	CE mark	RoHS mark
DRC-GRMS-UL	0 to +40 °C		RoHS mark



Sophisticated yet simple energy-efficient lighting control solutions

The Dynalite range of Signal Dimmer Controllers, have been engineered to meet the future demands of projects.

They are capable of transmitting all industry standard driver protocols (1-10 V, DSI, DALI and Broadcast DALI) and support two ranges of install opportunities of both DIN-rail and wall box, to allow for flexible install opportunities.

The Signal Dimmer Controller range also support a vast range of driver controllers with a variety of circuit numbers and sizes to work individually or as part of a system, suiting any project requirement.

Product Range


A


B


C


D


E


F


G


H


I



J

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DBC905W	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	A	030**40009**
DBC1210	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	B	030**36009**
DBC1220GL	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	C	030**38009**
DDBC120-DALI	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	D	036**85109**
DDBC300-DALI	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	E	030**31109**
DDBC320-DALI	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	F	030**31209**
DDBC516FR	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	G	030**31509**
DDBC1200	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	H	030**35109**
DMBC110	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	I	030**30009**
DMBC320-DALI-NA	Lighting control system component - Dynalite Signal Dimmer Controllers	NO / 1	J	035**31009**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DBC905W	0 to +50 °C	CE mark	RoHS mark
DBC1210	0 to +50 °C	CE mark	RoHS mark
DBC1220GL	0 to +50 °C	CE mark	RoHS mark
DDBC120-DALI	0 to +40 °C	CE mark	RoHS mark
DDBC300-DALI	0 to +40 °C	CE mark	RoHS mark
DDBC320-DALI	0 to +40 °C	CE mark	RoHS mark
DDBC516FR	0 to +40 °C	CE mark	RoHS mark
DDBC1200	0 to +40 °C	CE mark	RoHS mark
DMBC110	0 to +50 °C	CE mark	RoHS mark
DMBC320-DALI-NA			



Sophisticated yet simple energy-efficient lighting control solutions

Within any modern project, many third-party systems can be found performing different roles. Each separate system may use a different protocol for communication. Dynalite has developed a range of gateway devices that can be used to synchronize these systems' functions into one integrated system solution.

Product Range


A


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D



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R


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U

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DDFCUC010	Lighting control system component - Dynalite Integration Devices	NO / 1	A	030**81909**
DDFCUC024	Lighting control system component - Dynalite Integration Devices	NO / 1	B	030**81009**
DDMIDC8	Lighting control system component - Dynalite Integration Devices	NO / 1	C	030**81109**
DDMIDC8-NA	Lighting control system component - Dynalite Integration Devices	NO / 1	D	035**80209**
DDNG-BACnet J-8025 Platform N4	Lighting control system component - Dynalite Integration Devices	NO / 1	E	032**47009**
DDNG-KNX	Lighting control system component - Dynalite Integration Devices	NO / 1	F	030**80509**
DDNG232	Lighting control system component - Dynalite Integration Devices	NO / 1	G	030**81809**
DDNG485	Lighting control system component - Dynalite Integration Devices	NO / 1	H	030**81209**
DDNG485-NA	Lighting control system component - Dynalite Integration Devices	NO / 1	I	035**81009**
DDNI-LON	Lighting control system component - Dynalite Integration Devices	NO / 1	J	030**81409**
DDNI485	Lighting control system component - Dynalite Integration Devices	NO / 1	K	030**81309**
DIR-TX8	Lighting control system component - Dynalite Integration Devices	NO / 1	L	030**80009**
DLLI8I8O	Lighting control system component - Dynalite Integration Devices	NO / 1	M	030**23009**
DMNG-USB-NA	Lighting control system component - Dynalite Integration Devices	NO / 1	N	035**80009**
DMNG232	Lighting control system component - Dynalite Integration Devices	NO / 1	O	030**80309**
DNG232	Lighting control system component - Dynalite Integration Devices	NO / 1	P	030**82109**
DNG232-NA	Lighting control system component - Dynalite Integration Devices	NO / 1	Q	035**81209**
DNG485	Lighting control system component - Dynalite Integration Devices	NO / 1	R	030**82209**
DPMI940-DALI	Lighting control system component - Dynalite Integration Devices	NO / 1	S	030**80609**
PDEB	Lighting control system component - Dynalite Integration Devices	NO / 1	T	032**40009**
PDEG	Lighting control system component - Dynalite Integration Devices	NO / 1	U	030**13809**

Miscellaneous & General data

Type	IP Classification[1]	T-Ambient (°C)	CE mark	RoHS mark
DDFCUC010			CE mark	RoHS mark
DDFCUC024		0 to +40 °C	CE mark	RoHS mark
DDMIDC8		0 to +50 °C	CE mark	RoHS mark
DDMIDC8-NA				
DDNG-BACnet J-8025 Platform N4		-20 to +50 °C		
DDNG-KNX			CE mark	RoHS mark
DDNG232		0 to +50 °C	CE mark	RoHS mark
DDNG485		0 to +50 °C	CE mark	RoHS mark
DDNG485-NA				
DDNI-LON		0 to +50 °C	CE mark	RoHS mark
DDNI485	IP 20	0 to +50 °C	CE mark	RoHS mark
DIR-TX8		0 to +50 °C	CE mark	RoHS mark
DLLI8I8O		0 to +50 °C	CE mark	RoHS mark
DMNG-USB-NA				
DMNG232		0 to +50 °C	CE mark	RoHS mark
DNG232		0 to +50 °C	CE mark	RoHS mark
DNG232-NA				
DNG485		0 to +50 °C	CE mark	RoHS mark
DPMI940-DALI		0 to +50 °C	CE mark	RoHS mark
PDEB		-20 to +50 °C	CE mark	RoHS mark
PDEG		-5 to +50 °C	CE mark	RoHS mark

[1] 'IP Classification' value description(s): 'IP 20' = Ingress Protection 20



Sophisticated yet simple energy-efficient lighting control solutions

To bring all the different devices together, Dynalite supports a range of network devices that are useful in creating a problem-free installation.

Product Range


A


B


C

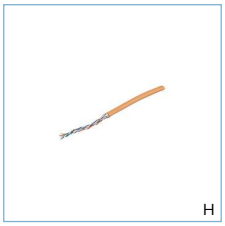

D



E


F


G


H

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DDNP1501	Lighting control system component - Dynalite Network Devices	NO / 1	A	030**90309**
DDPB22-RJ12	Lighting control system component - Dynalite Network Devices	NO / 1	B	030**97809**
DDTC001	Lighting control system component - Dynalite Network Devices	NO / 1	C	030**74009**
DMAL120F	Lighting control system component - Dynalite Network Devices	NO / 1	D	030**61609**
DMNP24040-P-NA	Dynalite Network Devices	NO / 1	E	035**80309**
DTK622-232	Lighting control system component - Dynalite Network Devices	NO / 1	F	030**90109**
DTK622-USB	Lighting control system component - Dynalite Network Devices	NO / 1	F	030**90209**
DYNET-SFLAT6-CABLE	Lighting control system component - Dynalite Network Devices	NO / 1	G	030**95009**
DYNET-STP-CABLE-LSZH	Lighting control system component - Dynalite Network Devices	NO / 1	H	030**41409**

Miscellaneous & General data

Type	T - Ambient (°C)	CE mark	RoHS mark
DDNP1501	0 to +40 °C	CE mark	RoHS mark
DDPB22-RJ12	0 to +40 °C	CE mark	RoHS mark
DDTC001	0 to +40 °C	CE mark	RoHS mark
DMAL120F	0 to +60 °C	CE mark	RoHS mark
DMNP24040-P-NA	0 to +50 °C		
DTK622-232	0 to +40 °C	CE mark	RoHS mark
DTK622-USB	0 to +40 °C	CE mark	RoHS mark
DYNET-SFLAT6-CABLE	0 to +50 °C		RoHS mark
DYNET-STP-CABLE-LSZH		CE mark	RoHS mark



Sophisticated yet simple energy-efficient lighting control solutions

Leading Edge Dimmer Controllers are ideal for lighting circuits with resistive and inductive properties, including mains voltage incandescent fittings, neon and low voltage lamps with a compatible electronic transformer. Available in both DIN-rail and wall box configuration, Dynalite supports a vast range of leading edge dimmer controllers with a variety of circuit numbers and sizes to work individually or part of a system, fitting any project requirement. Wall box dimmer controllers have been engineered to achieve rise times of over 100µS producing reduced filament sing, reduced supply voltage noise, resulting in extended lamp life. The dimmers are engineered to be compatible with electronic transformers, requiring less de-rating, therefore allowing full capacity of channel to be utilized.

Product Range


A


B


C


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E


F


G


H


I

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DDLE801	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	A	030**61509**
DDLE802	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	B	030**00009**
DLE220	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	C	030**02009**
DLE410	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	D	030**06009**
DLE1203	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	E	030**08009**
DLE1205	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	F	030**10009**
DLE1210GL	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	G	030**14009**
DLE1220GL	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	H	030**16009**
DTE1210	Lighting control system component - Dynalite Phase-Cut Dimmers	NO / 1	I	030**22009**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DDLE801	-5 to +40 °C	CE mark	RoHS mark
DDLE802	0 to +40 °C	CE mark	RoHS mark
DLE220	0 to +40 °C	CE mark	RoHS mark
DLE410	0 to +40 °C	CE mark	RoHS mark
DLE1203	0 to +40 °C	CE mark	RoHS mark
DLE1205	0 to +40 °C	CE mark	RoHS mark
DLE1210GL	0 to +40 °C	CE mark	RoHS mark
DLE1220GL	0 to +40 °C	CE mark	RoHS mark
DTE1210	0 to +40 °C	CE mark	RoHS mark



Sophisticated yet simple energy-efficient lighting control solutions

The Dynalite sensor range combines motion detection, light level detection and IR receive in one unit. Each of these features can be operated at the same time, allowing automation scenarios such as turning on the lights after detecting motion and then dimming the lighting level once the available sunlight has been measured, thereby providing additional energy savings.

By combining each of these functions into one device, operational efficiency is improved. Each sensor has an in-built microprocessor, allowing logical functions to control one small room, the floor of a building, or an entire building. All sensors receive their power from the DyNet network, and as they are fully remotely programmable, they can be configured to automate and control a virtually unlimited number of controlled outputs.

Product Range


A


B


C


D


E


F

Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DUS30CS	Lighting control system component - Dynalite Sensors	NO / 1	A	032**44309**
DUS30LHB-DALI	Lighting control system component - Dynalite Sensors	NO / 1	B	030**15609**
DUS90AHB-DALI	Lighting control system component - Dynalite Sensors	NO / 1	B	030**15409**
DUS90CS	Lighting control system component - Dynalite Sensors	NO / 1	A	032**44209**
DUS90WHB-DALI	Lighting control system component - Dynalite Sensors	NO / 1	B	030**15509**
DUS360CR	Lighting control system component - Dynalite Sensors	NO / 1	C	035**00709**
DUS360CR-DA	Lighting control system component - Dynalite Sensors	NO / 1	C	035**00809**
DUS360CR-DALI	Lighting control system component - Dynalite Sensors	NO / 1	C	035**00909**
DUS360CS	Lighting control system component - Dynalite Sensors	NO / 1	D	032**43109**
DUS804CS-UP	Lighting control system component - Dynalite Sensors	NO / 1	E	030**70409**
DUS804CS-UP-NA	Lighting control system component - Dynalite Sensors	NO / 1	F	035**70709**

Miscellaneous & General data

Type	IP Classification[1]	T-Ambient (°C)	CE mark	RoHS mark
DUS30CS	IP 54	-20 to +45 °C	CE mark	RoHS mark
DUS30LHB-DALI		-5 to +50 °C	CE mark	RoHS mark
DUS90AHB-DALI		-5 to +50 °C	CE mark	RoHS mark
DUS90CS	IP 54	-20 to +45 °C	CE mark	RoHS mark
DUS90WHB-DALI		-5 to +50 °C	CE mark	RoHS mark
DUS360CR		0 to +45 °C	CE mark	RoHS mark
DUS360CR-DA				RoHS mark
DUS360CR-DALI		0 to +45 °C	CE mark	RoHS mark
DUS360CS				
DUS804CS-UP		0 to +45 °C	CE mark	RoHS mark
DUS804CS-UP-NA				

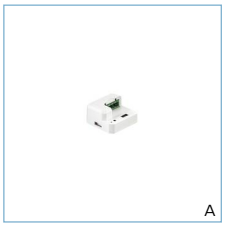
[1] 'IP Classification' value description(s): 'IP 54' = Ingress Protection 54



Sophisticated yet simple energy-efficient lighting control solutions

Regardless of the level of integration and range of available functions, a control system requires an intuitive end-user interface, so that users can easily schedule and activate the various control functionalities. Philips Dynalite user interfaces come in a broad range of Keypads, touchscreens and wiring devices – with a rich variety of styles and finishes to match any project budget, level of interactivity, or décor requirements.

Product Range


A


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Main Data

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DACM-DyNet	Lighting control system component - Dynalite User Interfaces	NO / 1	A	039**70707**
DL2P950	Lighting control system component - Dynalite User Interfaces	NO / 1	B	033**88209**
DLPE960	Lighting control system component - Dynalite User Interfaces	BB / 1	C	033**90309**
DPN963-SF	Lighting control system component - Dynalite User Interfaces	NO / 1	D	030**94609**
DPNE914-SF	Lighting control system component - Dynalite User Interfaces	BB / 1	E	032**00309**
DR2PA-LXX-X-W-SS-P-BW-X-X-Y	Lighting control system component - Dynalite User Interfaces	NO / 1	F	036**00409**
DR2PE-LXX-X-W-SG-P-BW-X-X-Y	Lighting control system component - Dynalite User Interfaces	NO / 1	G	031**44909**
DTP100	Lighting control system component - Dynalite User Interfaces	NO / 1	H	030**74509**

More data see next page

Type	Description short	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9137...)
DTP170	Lighting control system component - Dynalite User Interfaces	NO / 1	I	030**75709**
PABPA-MA-X	Lighting control system component - Dynalite User Interfaces	NO / 1	J	034**32207**
PABPE-MA-X	Lighting control system component - Dynalite User Interfaces	NO / 1	K	034**31007**
PADPA-AA	Lighting control system component - Dynalite User Interfaces	NO / 1	L	039**71107**
PADPE-AA-X	Lighting control system component - Dynalite User Interfaces	NO / 1	M	039**70807**
PATPA-WA-X	Lighting control system component - Dynalite User Interfaces - WA-X	NO / 1	N	034**47307**
PATPE-WA-X	Lighting control system component - Dynalite User Interfaces	NO / 1	O	034**33007**

Miscellaneous & General data

Type	T-Ambient (°C)	CE mark	RoHS mark
DACM-DyNet			
DL2P950		CE mark	
DLPE960		CE mark	
DPN963-SF	0 to +50 °C	CE mark	RoHS mark
DPNE914-SF		CE mark	RoHS mark
DR2PA-LXX-X-W-SS-P-BW-X-X-Y	0 to +50 °C	CE mark	RoHS mark
DR2PE-LXX-X-W-SG-P-BW-X-X-Y	0 to +50 °C	CE mark	RoHS mark
DTP100	0 to +45 °C	CE mark	RoHS mark
DTP170	0 to +45 °C	CE mark	RoHS mark
PABPA-MA-X			
PABPE-MA-X		CE mark	RoHS mark
PADPA-AA			
PADPE-AA-X			RoHS mark
PATPA-WA-X			RoHS mark
PATPE-WA-X		CE mark	RoHS mark



ActiLume DALI - a simple approach

The Philips ActiLume DALI lighting control system consists of a small, lightweight sensor and controller, designed for easy integration into luminaires. ActiLume is a true Plug and Play solution for open plan or cell offices. It is used in a master/slave luminaire concept, easy to use and easy to install. Application brochures are available to help specify and apply the system in an optimal way.

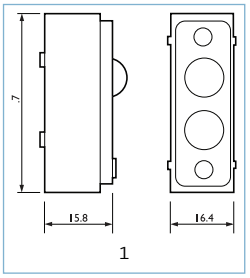
Product Range

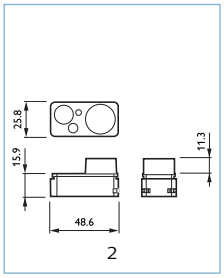






Dimension Drawing





Main Data

Type	SAP Packing (Piece)/Packaging configuration	mm	Photo letter	Material Nr. (12NC) (9137...)
LRI1653/01 ACTILUME SENSOR 100CM CORD	NO / 48		A	006**13872**
LRI1663/00 ActiLume gen2 Multi-Sensor	CT / 12	1	B	003**56703**
LRI1667/05 ActiLume G2 Indus Sensor H513	NO / 12	2	C	003**57803**
LRI1668/05 ActiLume G2 Ind Sensor H513 N	NO / 12		C	003**68503**



ActiLume 1-10 V - a simple approach

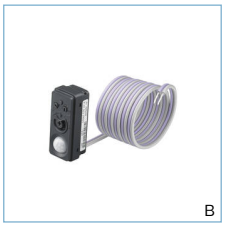
The ActiLume 1-10 V system consists of a sensor and a SwitchBox (controller) designed for easy integration into luminaires.

The sensor can work independently of the SwitchBox. In combination with the SwitchBox, the luminaire will be switched off when enough daylight is present and/or when no presence is detected.

The ActiLume 1-10 V luminaire-based sensor enables daylight regulation and dimming when no presence is detected. The delay time can be customized between 1 and 30 minutes.

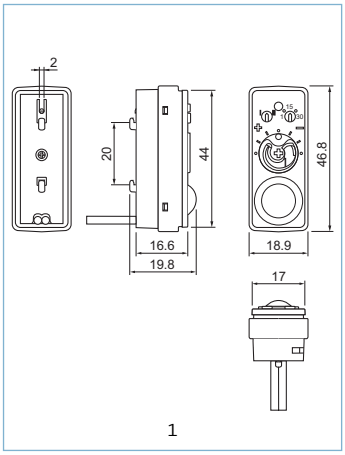
Product Range


A

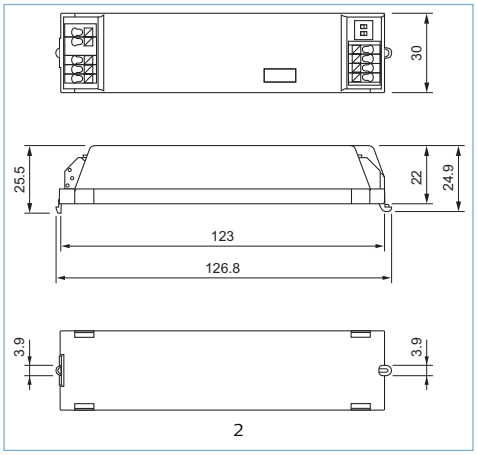

B


C

Dimension Drawing



1



2

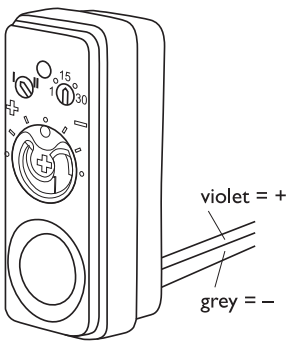
Main Data

Type	Minimum Dim Level	SAP Packing (Piece)/Packaging configuration	mm	Photo letter	Material Nr. (12NC) (9137...)
LRI1655/00 ActiLume 1-10V Sensor 100 Cm	2.5V	NO / 12	1	A	003**39503**
LRI1655/05 ActiLume 1-10V Sensor 100cm W		NO / 12	2	A	003**54903**
LRI1655/06 ActiLume 1-10V Sensor 100cm D		NO / 12	2	B	003**59903**
LRM1657/05 ActiLume 1-10V Ind Mov Sensor		CT / 192		C	003**69103**

Wiring Data

Commercial product name	Wiring Diagram
LRI1655/00 ActiLume 1-10V Sensor 100 Cm	W1
LRI1655/05 ActiLume 1-10V Sensor 100cm W	W1
LRI1655/06 ActiLume 1-10V Sensor 100cm D	W1

W1





ActiLume Wireless - easy lighting control

The Philips ActiLume Wireless lighting control system consists of a small, lightweight sensor and a SwitchBox (controller), designed for easy integration into luminaires.

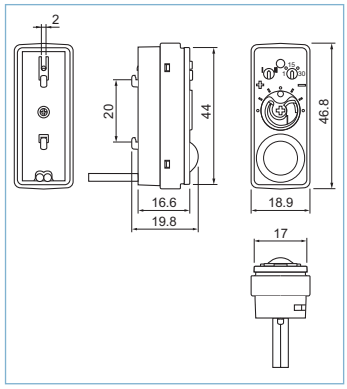
The system is easy to install and use, not only initially, but also when expansion is required.

An application guide is available to help specify and apply the system in an optimal way.

Product Range



Dimension Drawing



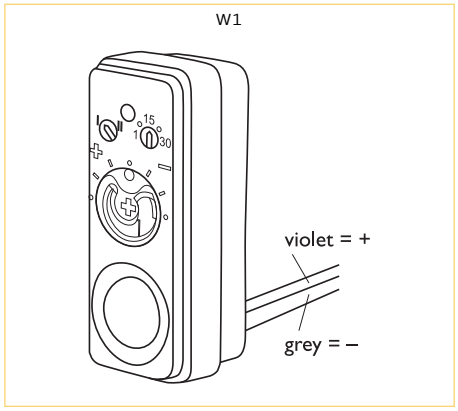
Main Data

Type	Minimum Dim Level	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9137...)
LRI1655/00 ActiLume 1-10V Sensor 100 Cm	2.5V	NO / 12	003**39503**

Wiring Data

Commercial product name	Wiring Diagram
LRI1655/00 ActiLume 1-10V Sensor 100 Cm	W1

W1

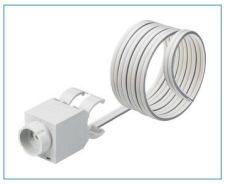




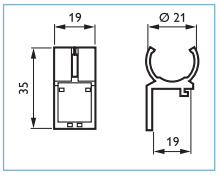
LuxSense - simple daylight harvesting

LuxSense is a DayLight Regulation option (DLR) for luminaires equipped with a Philips HFR ballast. The sensor measures the reflected light coming from the surface below. It dims down the lamp output when the light level exceeds the required light level defined by the light sensor set point. LuxSense can be installed in the luminaire by attaching it to the lamp with a lamp clip. LuxSense is available as a complete set with a sensor and a lamp clip: LRL1220 TL-D for TLD lamps and LRL1220 TL5 for T5 lamps.

Product Range



Dimension Drawing



Main Data

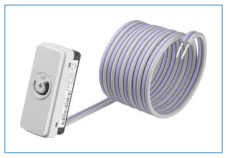
Type	Minimum Dim Level	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9137...)
LRL1220 TL-D	1.5V	NO / 100	*001***82282**
LRL1220 TL5	1.5V	NO / 100	*001***82182**



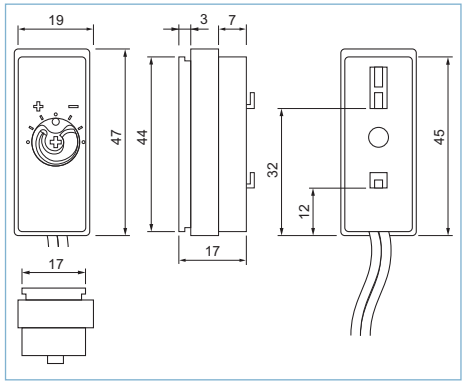
ActiLume MicroLuxSense - simple daylight regulation

ActiLume MicroLuxSense is connected to the 1-10 V DC control input of the HFR ballast. ActiLume MicroLuxSense dims light down close to the minimum level of the ballast. ActiLume MicroLuxSense is calibrated for use in a standard office situation with 600 lux installed and 500 lux required.

Product Range



Dimension Drawing



Main Data

Type	Minimum Dim Level	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9137...)
LRL1222/10 ActiLume MicroLuxSense	2.5V	NO / 1	003**46403**
LRL1222/15 ActiLume MicroluxSense W		NO / 12	003**54803**

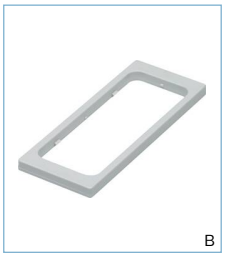


Accessories – completing your Luminaire Based System

Luminaire Based Accessories cover a generic range of products which can be used to extend functionality and/or simplify the design-in of our luminaire based systems.

Product Range


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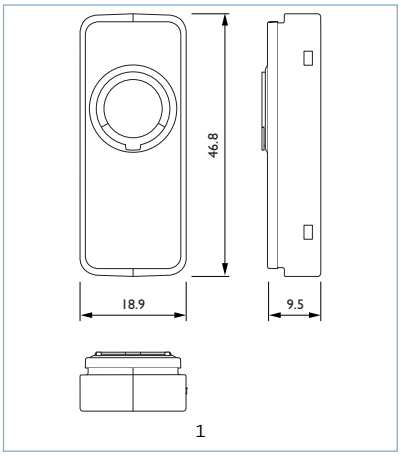

J


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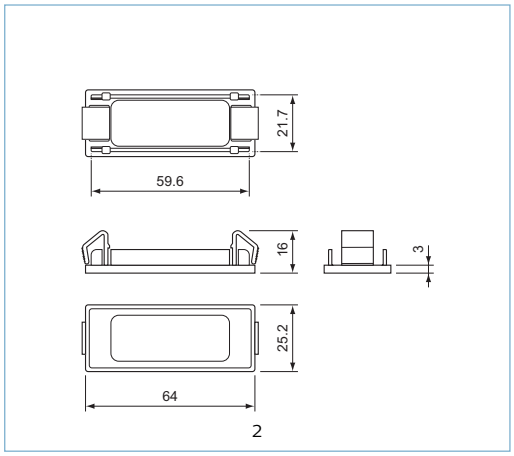

L


M

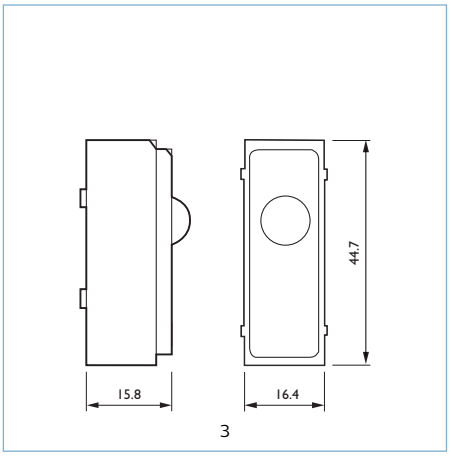
Dimension Drawing



1



2



3

Main Data

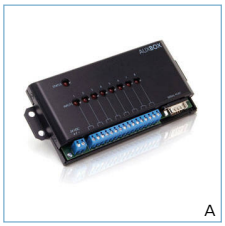
Type	SAP Packing (Piece)/Packaging configuration	⟷ mm	Photo letter	Material Nr. (12NC) (9137...)
LCA8000/00 COVER ACTILUME SET OF 100PCE	UNP / 40		A	003**38403**
LCA8001/00 RING FOR COVER SET OF 100PCE	UNP / 40		B	003**38303**
LCA8002/00 ActiLume clip TL5 set 50pce	UNP / 20		C	003**40803**
LCA8003/00 ActiLume clip TL-D set 50pce	UNP / 20		D	003**40903**
LCA8004/00 Cover LumBas ExtSensor 50pce	UNP / 41	1	E	003**43803**
LCA8005/00 ActiLume Mounting Clip 50pce	UNP / 41	2	F	003**48803**
LCA8005/05 ActiLume Mounting Clip 50 W	UNP / 41	2	G	003**55103**
LCA8006/00 COVER ACTILUME GEN2 SET 50PCE	UNP / 41		H	003**55503**
LCA8007/05 ActiLume Mntg Clip H513 25 W	UNP / 24		I	003**58803**
LCA8009/05 Cover ActiLume IR sensor 50 W	UNP / 41		J	003**91103**
LRM8119/00 Lum Based Ext Sensor 100cm	NO / 12	3	K	003**43703**
LRM8120/05 Lum Bas Ind Ext Sensor H513 N	NO / 12		L	003**62903**
LRM8140/00 ActiLume G2 RF Mov Sensor	NO / 12		M	003**89103**



Creating and controlling light shows and effects is simple with this wide range of DMX and Ethernet controllers.

Intelligent LED lighting fixtures — including our IntelliHue, IntelliColor, IntelliWhite, and Precision Dimming products — require a controller that sends control data to the fixtures using standard lighting communications protocols such as DMX and Ethernet. Philips Color Kinetics offers a complete range of DMX and Ethernet controllers, from simple wall-mounted, pushbutton keypads to highly sophisticated authoring and playback systems that can individually control tens of thousands of LED lighting fixtures for creating complex, dynamic effects and intricate light shows.

Product Range


A

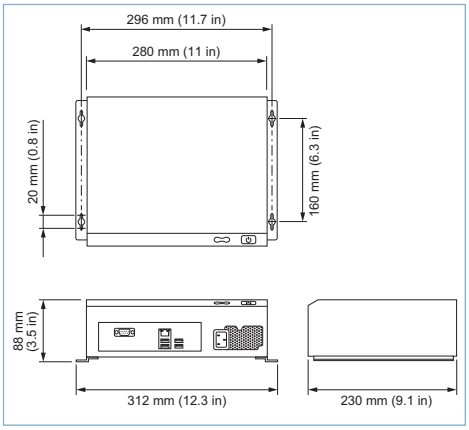

B


C


D


E

Dimension Drawing



Main Data

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
SSLCTR IPLAYER3 AUX BOX 100-277V CE CQC	iPlayer 3 auxiliary box	Black	CT / 8	A	910503702433
SSLCTR LRC9613 100-240V IPLAYER3	iPlayer 3, 100-240 V	Silver	CT / 6	B	910403327101
SSLCTR LRC9628 IPLAYER3 AU (100-240V)	iPlayer 3, 100-240 V	Silver	CT / 6	B	912400135861
SSLCTR LRC9628 IPLAYER3 EU (100-240V)	iPlayer 3 European version, 100-240 V	Silver	CT / 6	B	910503700392
SSLCTR LRC9635 IPLAYER3 CCC (100-240V)	iPlayer 3, 100-240 V	Silver	CT / 6	B	910503700738
SSLCTR LRC9636 COLORDIAL PRO (POE)	ColorDial Pro (Power over Ethernet)	White	CT / 10	C	910503700790
SSLCTR LRC9641 iColor Player	iColor Player	Black	CT / 30	D	910503702003
SSLCTR LSM GEN5 500		Black	UNP / 1	E	912400135993
SSLCTR LSM GEN5 1000		Black	UNP / 1	E	912400134287
SSLCTR LSM GEN5 2000		Black	UNP / 1	E	912400134288

More data see next page

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
SSLCTR LSM GEN5 3000		Black	UNP / 1	E	9124001**34289**
SSLCTR LSM GEN5 5000		Black	UNP / 1	E	9124001**34290**
SSLCTR LSM GEN5 8000		Black	UNP / 1	E	9124001**34291**
SSLCTR LSM GEN5 12000		Black	UNP / 1	E	9124001**34292**
SSLCTR LSM GEN5 15000		Black	UNP / 1	E	9124001**34293**

Miscellaneous & General data

Type	CE mark
SSLCTR IPLAYER3 AUX BOX 100-277V CE CQC	CE mark
SSLCTR LRC9613 100-240V IPLAYER3	CE mark
SSLCTR LRC9628 IPLAYER3 AU (100-240V)	CE mark
SSLCTR LRC9628 IPLAYER3 EU (100-240V)	CE mark
SSLCTR LRC9635 IPLAYER3 CCC (100-240V)	CE mark
SSLCTR LRC9636 COLORDIAL PRO (POE)	CE mark
SSLCTR LRC9641 iColor Player	CE mark
SSLCTR LSM GEN5 500	CE mark
SSLCTR LSM GEN5 1000	CE mark
SSLCTR LSM GEN5 2000	CE mark
SSLCTR LSM GEN5 3000	CE mark
SSLCTR LSM GEN5 5000	CE mark
SSLCTR LSM GEN5 8000	CE mark
SSLCTR LSM GEN5 12000	CE mark
SSLCTR LSM GEN5 15000	CE mark



LED Lighting Systems Controllers & Addressing Devices

Creating and controlling light shows and effects is simple with this wide range of DMX and Ethernet controllers. Our powerful, easy-to-use controllers allow you to achieve fine-grained control of any LED lighting system, from the simplest installations to large-scale video displays.

Product Range


A


B

Main Data

Type	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
SSLCTR ACTIVESITE GATEWAY	Black	UNP / 1	A	912400133649
SSLCTR LRC9642 VSM PRO DVI SSD	Black	UNP / 1	B	910503702736
SSLCTR LRC9643 VSM PRO COMPOSITE SSD	Black	UNP / 1	B	910503702737

Miscellaneous & General data

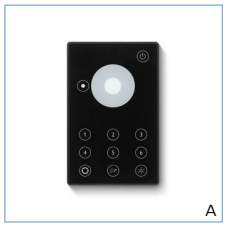
Type	CE mark
SSLCTR ACTIVESITE GATEWAY	CE mark
SSLCTR LRC9642 VSM PRO DVI SSD	CE mark
SSLCTR LRC9643 VSM PRO COMPOSITE SSD	CE mark

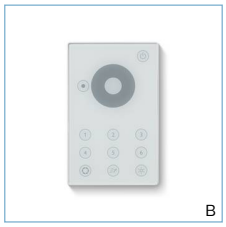


Vaya Touch Controller – cost-effective DMX controller

Vaya Touch is a stand-alone DMX512 controller designed for use with LED lighting fixtures. With Vaya Touch you can select from six pre-set colors, select the color of your choice, or select from six dynamic sequences (Programs). In addition, there are six brightness presets for each color or program, and six speed levels for the program's color-changing light shows. The toggle wheel lets you seamlessly select a custom color or brightness. The custom color can be stored in one of the six memory presets. Vaya Touch is mounted in single-gang (US) wall boxes.

Product Range


A


B

Main Data

Type	Type description	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9105...)
VAYACT LRC2012 VAYA TOUCH BK	Vaya Touch black	CT / 30	A	037**02739**
VAYACT LRC2012 VAYA TOUCH WH	Vaya Touch white	CT / 30	A, B	037**02738**

Miscellaneous & General data

Type	CE mark
VAYACT LRC2012 VAYA TOUCH BK	CE mark
VAYACT LRC2012 VAYA TOUCH WH	CE mark



Philips Color Kinetics offers a broad range of Power- and Data supplies

We designed our power/data supplies to integrate seamlessly with our color-changing, intelligent white, and fixed-color LED lighting fixtures. Industry-leading features include power factor correction, conduit-ready connections, and auto-switching from 100 to 240 VAC.

Product Range


A


B


C


D


E


F


G


H

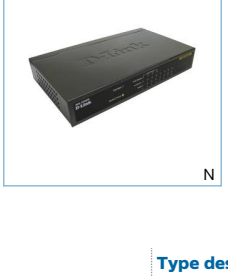

I


J


K


L


M


N

Main Data

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
LED DRVR 100W 4.1A-24V INTELLIVOLT 1		White	UNP / 1	A	9124001**30191**
LED NEMA3R ENCLOSURE 15X3		White	NO / 20	A	913710**841202**
PWRDAT PDS-375 TRX		Black	UNP / 1	B	9105037**02284**
ZCX400 100-277V DATA ENABLER PRO EU	Data enabler Pro for EU, 100-240 V		CT / 4	C	9105037**01211**
ZCX400 100-277V DATA ENABLER PRO NA	Data enabler Pro for NA, 100-240 V		CT / 4	C	9105037**01210**
ZCX400 CK TO ESTA DMX CROSSOVER CABLE	DMX crossover cable, Color Kinetics to Esta		CT / 40	D	9105037**00737**
ZCX400 DMX512 ADAPTER CABLE	DMX512 adapter cable		CT / 50	E	9105037**00061**
ZCX400 MULTI-PROTOCOL CONVERTER	Multi-protocol converter		CT / 30	F	9105037**01414**
ZCX400 MULTI-PROTOCOL CONVERTER 8	Multi-protocol converter		CT / 18	G	9124001**36052**
ZCX400 PDS-60 24V	Power/data supply, 60 W 24 V		CT / 4	H	9105037**00096**

More data see next page

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
ZCX400 PDS-60 24V DMX/ ETHER	Power/data supply, 60 W 24 V, DMX/ Ethernet		CT / 4	H	910503700097
ZCX400 PDS-60CA 7.5V DMX/ ETHER	Power/data supply, 60 W 7.5 V, CA version, DMX/Ethernet		CT / 4	H	910503700094
ZCX400 PDS-60CA 24V	Power/data supply, 60 W 24 V, CA version		CT / 4	H	910503700095
ZCX400 PDS-60CA 24V DMX/ENET HS	Power/data supply, 60 W 24 V, CA version, DMX		CT / 4	H	912400133526
ZCX400 PDS-60CA 24V ETHER	Power/data supply, 60 W 24 V, CA version, Ethernet		CT / 4	H	910503700334
ZCX400 PDS-60CA EXP CARD	Power/data supply, 60 W expansion card		CT / 4	H	910503700093
ZCX400 PDS-150E	Power/data supply, 150 W, E version		CT / 2	I	910503700092
ZCX400 PDS-400 48V ETH 4xOUT IP66 CE CQC	Power		CT / 4	J	912400134110
ZCX400 PDS-400 48V ETH 4xOUT IP66 UL	Power		CT / 4	J	912400133799
ZCX400 POE INJECTOR EU (100-240V)	POE injector European version, 100-240 V		CT / 10	K	910503700384
ZCX400 POE INJECTOR NA (100-240V)	POE injector NA version, 100-240 V		CT / 10	K	910503700383
ZCX400 SPDS-60CA 24V-60W	SPDS-60CA, 24 V 60 W		CT / 6	L	910503700106
ZCX400 SPDS-480CA 7.5V-480W 16PORTS	16-port SPDS-480CA, 7.5 V 480 W		UNP / 1	M	910503700107
ZCX400 SPDS-480CA 24V-480W 8PORTS	8-port SPDS-480CA, 24 V 480 W		UNP / 1	M	910503700110
ZCX400 SWITCH UNMANAGED 4 POE PORT Gb (4	Unmanaged switch 4 POE port, 48 V		CT / 6	N	910503702557

Miscellaneous & General data

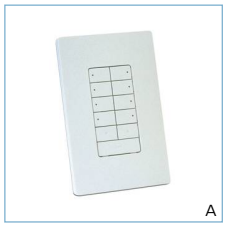
Type	CE mark
LED DRVR 100W 4.1A-24V INTELLIVOLT 1	CE mark
LED NEMA3R ENCLOSURE 15X3	CE mark
PWRDAT PDS-375 TRX	CE mark
ZCX400 100-277V DATA ENABLER PRO EU	CE mark
ZCX400 100-277V DATA ENABLER PRO NA	CE mark
ZCX400 CK TO ESTA DMX CROSSOVER CABLE	
ZCX400 DMX512 ADAPTER CABLE	
ZCX400 MULTI-PROTOCOL CONVERTER	CE mark
ZCX400 MULTI-PROTOCOL CONVERTER 8	CE mark
ZCX400 PDS-60 24V	CE mark
ZCX400 PDS-60 24V DMX/ ETHER	CE mark
ZCX400 PDS-60CA 7.5V DMX/ ETHER	
ZCX400 PDS-60CA 24V	
ZCX400 PDS-60CA 24V DMX/ENET HS	
ZCX400 PDS-60CA 24V ETHER	CE mark
ZCX400 PDS-60CA EXP CARD	
ZCX400 PDS-150E	CE mark
ZCX400 PDS-400 48V ETH 4xOUT IP66 CE CQC	CE mark
ZCX400 PDS-400 48V ETH 4xOUT IP66 UL	
ZCX400 POE INJECTOR EU (100-240V)	CE mark
ZCX400 POE INJECTOR NA (100-240V)	CE mark
ZCX400 SPDS-60CA 24V-60W	CE mark
ZCX400 SPDS-480CA 7.5V-480W 16PORTS	
ZCX400 SPDS-480CA 24V-480W 8PORTS	CE mark
ZCX400 SWITCH UNMANAGED 4 POE PORT Gb (4	



Philips Color Kinetics offers a range of software and hardware tools for addressing, configuring, programming, and commissioning LED lighting systems.

Tools and utilities for addressing, configuring, and commissioning can add new dimensions of control and versatility to LED lighting systems.

Product Range



A



B

Main Data

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC) (9105...)
SSLCTR LRC9629 SERIAL KEYPAD	Serial keypad	White	CT / 10	A	037**00223**
SSLCTR LRC9634 SMARTJACK PRO	Smart jack Pro	Blue	CT / 8	B	037**00582**

Miscellaneous & General data

Type	CE mark
SSLCTR LRC9629 SERIAL KEYPAD	CE mark
SSLCTR LRC9634 SMARTJACK PRO	CE mark



Stand-alone, wall-mounted controller that triggers up to six shows at the touch of a button

AntumbraButton iColor Keypad is a compact stand-alone lighting controller for intelligent RGB and intelligent white-light LED lighting fixtures from Philips Color Kinetics. Power over Ethernet (PoE) technology eliminates the need for a separate power source, affording greater freedom of placement, higher reliability, and easy installation.

Product Range



Main Data

Type	Type description	Accessory color	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9124...)
SSLCTR ETHERNET COMMUNICATION MODULE	Ethernet controller	White	CT / 8	*001***33666**
SSLCTR ICOLOR COMMUNICATION MODULE		White	CT / 8	*001***33665**

Miscellaneous & General data

Type	CE mark
SSLCTR ETHERNET COMMUNICATION MODULE	CE mark
SSLCTR ICOLOR COMMUNICATION MODULE	CE mark



Power/data supplies for Color Kinetics color-changing, intelligent white, and fixed-color LED luminiares

Our line of DMX and Ethernet controllers, video servers, controller accessories, and power/data supplies integrate seamlessly with our LED lighting fixtures in any installation, from simple to complex.

For more information, see www.colorkinetics.com/ls/pds/.

Product Range


A


B


C


D


E


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H



I


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K


L


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P


Q


R


S

Main Data

Type	Type description	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
ZCX400 100-277V DATA ENABLER PRO EU	Data enabler Pro for EU, 100-240 V	CT / 4	A	910503**701211**
ZCX400 100-277V DATA ENABLER PRO NA	Data enabler Pro for NA, 100-240 V	CT / 4	A	910503**701210**
ZCX400 CK TO ESTA DMX CROSSOVER CABLE	DMX crossover cable, Color Kinetics to Esta	CT / 40	B	910503**700737**
ZCX400 CM-150 CA, 3WIRE, 4A, IP00, DIN		CT / 10	C	912400**135768**
ZCX400 CM-150 CA, 3WIRE, 4A, IP66		CT / 12	D	912400**135772**

More data see next page

Type	Type description	SAP Packing (Piece)/Packaging configuration	Photo letter	Material Nr. (12NC)
ZCX400 CM-150 CA, 3WIRE, 5A, IP00, DIN		CT / 10	C	912400**135769**
ZCX400 CM-150 CA, 3WIRE, 5A, IP66		CT / 12	D	912400**135773**
ZCX400 CM-150 CA, 4WIRE, 4A, IP00, DIN		CT / 10	E	912400**135766**
ZCX400 CM-150 CA, 4WIRE, 4A, IP66		CT / 12	F	912400**135770**
ZCX400 CM-150 CA, 4WIRE, 5A, IP00, DIN		CT / 10	E	912400**135767**
ZCX400 CM-150 CA, 4WIRE, 5A, IP66		CT / 12	F	912400**135771**
ZCX400 DM-1000 0-10V, ELV Dimmer		CT / 12	G	912400**135916**
ZCX400 DMX512 ADAPTER CABLE	DMX512 adapter cable	CT / 50	H	910503**700061**
ZCX400 MULTI-PROTOCOL CONVERTER	Multi-protocol converter	CT / 30	I	910503**701414**
ZCX400 MULTI-PROTOCOL CONVERTER 8	Multi-protocol converter	CT / 18	J	912400**136052**
ZCX400 PDS-60 24V	Power/data supply, 60 W 24 V	CT / 4	K	910503**700096**
ZCX400 PDS-60 24V DMX/ ETHER	Power/data supply, 60 W 24 V, DMX/ Ethernet	CT / 4	K	910503**700097**
ZCX400 PDS-60CA 7.5V DMX/ ETHER	Power/data supply, 60 W 7.5 V, CA version, DMX/Ethernet	CT / 4	K	910503**700094**
ZCX400 PDS-60CA 24V	Power/data supply, 60 W 24 V, CA version	CT / 4	K	910503**700095**
ZCX400 PDS-60CA 24V DMX/ENET HS	Power/data supply, 60 W 24 V, CA version, DMX	CT / 4	K	912400**133526**
ZCX400 PDS-60CA 24V ETHER	Power/data supply, 60 W 24 V, CA version, Ethernet	CT / 4	K	910503**700334**
ZCX400 PDS-60CA EXP CARD	Power/data supply, 60 W expansion card	CT / 4	K	910503**700093**
ZCX400 PDS-150E	Power/data supply, 150 W, E version	CT / 2	L	910503**700092**
ZCX400 PDS-400 48V ETH 4xOUT IP66 CE CQC	Power	CT / 4	M	912400**134110**
ZCX400 PDS-400 48V ETH 4xOUT IP66 UL	Power	CT / 4	M	912400**133799**
ZCX400 PDS-750 TRX		UNP / 1	N	910503**702319**
ZCX400 POE INJECTOR EU (100-240V)	POE injector European version, 100-240 V	CT / 10	O	910503**700384**
ZCX400 POE INJECTOR NA (100-240V)	POE injector NA version, 100-240 V	CT / 10	O	910503**700383**
ZCX400 SPDS-60CA 24V-60W	SPDS-60CA, 24 V 60 W	CT / 6	P	910503**700106**
ZCX400 SPDS-60CA 24V-60W EU/UK HS	SPDS-60CA European/UK version, 24 V 60 W	CT / 6	Q	912400**133636**
ZCX400 SPDS-60CA 24V-60W HS	SPDS-60CA, 24 V 60 W	CT / 6	Q	912400**133527**
ZCX400 SPDS-480CA 7.5V-480W 16PORTS	16-port SPDS-480CA, 7.5 V 480 W	UNP / 1	R	910503**700107**
ZCX400 SPDS-480CA 24V-480W 8PORTS	8-port SPDS-480CA, 24 V 480 W	UNP / 1	R	910503**700110**
ZCX400 SWITCH UNMANAGED 4 POE PORT Gb (4	Unmanaged switch 4 POE port, 48 V	CT / 6	S	910503**702557**
ZGC494 FLEX LEADER 1FT 3 WIRE FLY LD		CT / 48		912400**136051**
ZGC494 FLEX LEADER 1FT 3 WIRE FLY LD SLX		CT / 48		912400**135913**
ZGC494 FLEX LEADER 25FT 3 WIRE FLY LD		CT / 8		912400**135909**
ZGC494 FLEX LEADER 25FT 3 WIRE IP66		CT / 8		912400**135912**
ZGC494 FLEX LEADER 50FT 4 WIRE FLY LD		CT / 8		912400**135907**
ZGC494 FLEX LEADER 50FT 4 WIRE IP66		CT / 8		912400**135910**
ZGC494 FLEX LEADER 100FT 4 WIRE FLY LD		CT / 6		912400**135908**
ZGC494 FLEX LEADER 100FT 4 WIRE IP66		CT / 6		912400**135911**

Miscellaneous & General data

Type	CE mark
ZCX400 100-277V DATA ENABLER PRO EU	CE mark
ZCX400 100-277V DATA ENABLER PRO NA	CE mark
ZCX400 CK TO ESTA DMX CROSSOVER CABLE	
ZCX400 CM-150 CA, 3WIRE, 4A, IP00, DIN	CE mark
ZCX400 CM-150 CA, 3WIRE, 4A, IP66	CE mark
ZCX400 CM-150 CA, 3WIRE, 5A, IP00, DIN	CE mark
ZCX400 CM-150 CA, 3WIRE, 5A, IP66	CE mark
ZCX400 CM-150 CA, 4WIRE, 4A, IP00, DIN	CE mark
ZCX400 CM-150 CA, 4WIRE, 4A, IP66	CE mark
ZCX400 CM-150 CA, 4WIRE, 5A, IP00, DIN	CE mark
ZCX400 CM-150 CA, 4WIRE, 5A, IP66	CE mark
ZCX400 DM-1000 0-10V, ELV Dimmer	
ZCX400 DMX512 ADAPTER CABLE	
ZCX400 MULTI-PROTOCOL CONVERTER	CE mark
ZCX400 MULTI-PROTOCOL CONVERTER 8	CE mark
ZCX400 PDS-60 24V	CE mark

More data see next page

Type	CE mark
ZCX400 PDS-60 24V DMX/ ETHER	CE mark
ZCX400 PDS-60CA 7.5V DMX/ ETHER	
ZCX400 PDS-60CA 24V	
ZCX400 PDS-60CA 24V DMX/ENET HS	
ZCX400 PDS-60CA 24V ETHER	CE mark
ZCX400 PDS-60CA EXP CARD	
ZCX400 PDS-150E	CE mark
ZCX400 PDS-400 48V ETH 4xOUT IP66 CE CQC	CE mark
ZCX400 PDS-400 48V ETH 4xOUT IP66 UL	
ZCX400 PDS-750 TRX	CE mark
ZCX400 POE INJECTOR EU (100-240V)	CE mark
ZCX400 POE INJECTOR NA (100-240V)	CE mark
ZCX400 SPDS-60CA 24V-60W	CE mark
ZCX400 SPDS-60CA 24V-60W EU/UK HS	
ZCX400 SPDS-60CA 24V-60W HS	
ZCX400 SPDS-480CA 7.5V-480W 16PORTS	
ZCX400 SPDS-480CA 24V-480W 8PORTS	CE mark
ZCX400 SWITCH UNMANAGED 4 POE PORT Gb (4	
ZGC494 FLEX LEADER 1FT 3 WIRE FLY LD	
ZGC494 FLEX LEADER 1FT 3 WIRE FLY LD SLX	
ZGC494 FLEX LEADER 25FT 3 WIRE FLY LD	
ZGC494 FLEX LEADER 25FT 3 WIRE IP66	
ZGC494 FLEX LEADER 50FT 4 WIRE FLY LD	
ZGC494 FLEX LEADER 50FT 4 WIRE IP66	
ZGC494 FLEX LEADER 100FT 4 WIRE FLY LD	
ZGC494 FLEX LEADER 100FT 4 WIRE IP66	



Remotely monitor and manage dynamic architectural LED lighting systems with cloud-hosted connected lighting software

ActiveSite is a cloud-hosted software as a service (SaaS) system that enables remote monitoring, management, and maintenance of Philips Color Kinetics LED lighting installations. ActiveSite protects your brand and lighting system investments by ensuring optimal lighting system performance with very little downtime.

ActiveSite connects luminaires, controllers, and data to customers in unprecedented new ways. This connected solution provides an array of features that enable facility managers, lighting designers, and field service personnel to perform their roles more quickly and easily. This first of its kind solution in the architectural lighting industry ensures customers can enhance their brand image and enjoy peace of mind.

For more information, visit www.colorkinetics.com/ls/controllers/ActiveSite/

Product Range



Main Data

Type	Accessory color	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9124...)
SSLCTR ACTIVESITE GATEWAY	Black	UNP / 1	001**33649**

Miscellaneous & General data

Type	CE mark
SSLCTR ACTIVESITE GATEWAY	CE mark



Dynadimmer - different ways

Luminaire based, stand-alone controller for 1-10 V electronic driver. The design of the Dynadimmer is optimized for mounting in a luminaire or gear tray. Designed to be controlled through external dusk-dawn switches like light sensors or cabinet-controlled switching. A 5-step dimming schedule is created in easy-to-use software, dimming schedule is downloaded in Dynadimmer via a Programmer or USB PC cable. The Philips Dynadimmer is designed and released to interact with Philips 1-10 V gear and is compatible with dimmable drivers with a standard 1-10 V interface,

Product Range



Main Data

Type	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9137...)
KIT7210/00 PROGRAMMING KIT	NO / 1	003**34703**



Vaya DMX Booster – reliable and economical DMX splitter/booster

Philips Vaya DMX Booster is a 6-output DMX/RDM splitter with DMX/RDM pass-through supporting bi-directional communications for discovery, addressing and DMX control of Philips Vaya products. This unit takes the incoming DMX/RDM signal and splits the signal into six separate output channels, allowing expansion of the number of devices controlled from 32 to 6 x 32. The output terminals are electronically isolated from the input & RDM-through port and share a common ground reference. All six output ports have an independent output driver to boost the DMX/RDM signal.

Product Range



Main Data

Type	Type description	SAP Packing (Piece)/Packaging configuration	Material Nr. (12NC) (9105...)
VAYACT LRC2013 DMX 6-SPLITTER RB-6WM	DMX controlled 6-way splitter (RB-6WM)	CT / 32	037**04250**

Miscellaneous & General data

Type	CE mark
VAYACT LRC2013 DMX 6-SPLITTER RB-6WM	CE mark

Symbols

3-circuit Square RCS750 ... 264

A

Accessory ... 264, 387
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B

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