CoreLine FastSet waterproof IP44: easy installation, excellent illumination

CoreLine Fastset, waterproof

Philips CoreLine FastSet is a 1:1 energy-efficient LED replacement for conventional indoor IP44 waterproof lights. With identical lumen packages to fluorescent lighting, there's no need to make new lighting calculations for retrofit projects – thanks to the all-in-one design, you can switch between correlated color temperatures (CCT) and lumen package in the same luminaire to suit your exact needs. Installation of these IP44 waterproof LED lights is fast and flexible too with a choice of simple through-wiring or cable entry from the side or back of the luminaire. That means CoreLine FastSet indoor IP44 waterproof lights are easy to mount as a standalone fixture, directly to the wall or using brackets. It is also easy to connect them to other CoreLine FastSet luminaires to create harmonious lines of light. As you'd expect from Philips, safety is designed into every CoreLine FastSet luminaire. Not only are the IP44 and IK06 rated to protect against accidental impact, the captive safety pins on the luminaire cover also prevent it from falling. Interact Ready options are available for smart lighting applications. So with CoreLine FastSet IP44 waterproof LED lights, you have the perfect solution for high circulation areas such as parking garages, laundry rooms and staircase lighting.

Benefits

- Retrofit replacement in energy-efficient LED
- All-in-one: switch between a choice of two lumen packages (3,000 lm, 6,000 lm) and two colour temperatures (3,000 K, 4,000 K) in one luminaire
- Install as standalone fixtures or connect to create lines of light
- Fast and easy installation

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Features

- Up to 140 lm/W
- Identical lumen packages to fluorescent 2,400-6,000 lm
- Choice of standard lengths: 600 mm, 1,200 mm and 1,500 mm
- Easy installation with simple through wiring and three cable entry options
- IP44 protection and IK06 impact resistance
- Interact Ready version available for smart lighting applications
- On/Off, DALI and connected versions available

Application

- Offices
- Car parks
- Education
- Healthcare
- Schools

Versions

CoreLine FastSet All-in SM155C L600 RTP

CoreLine FastSet SM155C L1500 RTP

CoreLine FastSet All-in SM155C L1500 RTP

CoreLine FastSet All-in SM155C L1200 RTP

CoreLine FastSet SM155C L1200 RTP

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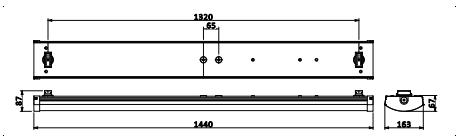
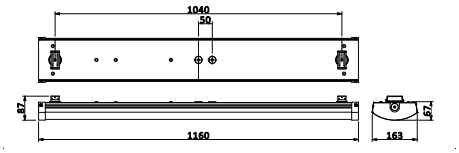
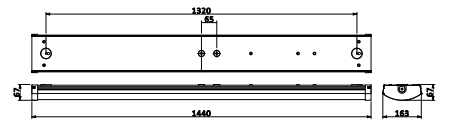
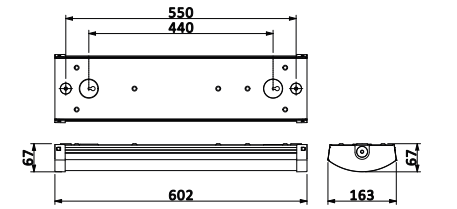
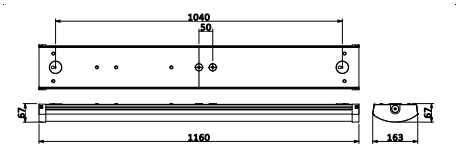
Dimensional drawing

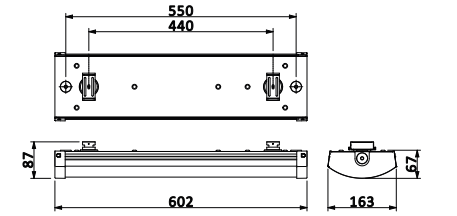












Product details

CoreLine FastSet SM155C_captive pins open_DPP

CoreLine FastSet SM155C_Backside L600_DPP

CoreLine Fastset, waterproof

Product details

CoreLine FastSet SM155C_End cap + suspension set_DPP

CoreLine FastSet SM155C_cable entrance backside_DPP

CoreLine FastSet SM155C_End cap + bracket_DPP

CoreLine FastSet SM155C_Inside luminaire_DPP

CoreLine FastSet SM155C_Backside L1200_DPP

CoreLine FastSet SM155C_Backside L1500_DPP

CoreLine FastSet SM155C_captive pins open scrwedriver_DPP

CoreLine FastSet SM155C_End cap 1_DPP

CoreLine FastSet_Brackets in the box

CoreLine FastSet SM155C_End cap 2_DPP

Product details

CoreLine FastSet SM155C_side_DPP

CoreLine FastSet SM155C_captive pins closed_DPP

CoreLine FastSet SM155C_connection_DPP

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General Information	
Driver included	Yes
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Colour rendering index (CRI)	>80
Optic type	Opal
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Mechanical and Housing	
Housing Colour	White
Mech. impact protection code	IK06
Ingress protection code	IP20/44
Approval and Application	
Ambient temperature range	-20°C to 45°C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	All-in Type	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	All-in, Multi Lumen	3000 K	142 lm/W	1,700 lm
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	All-in, Multi Color Temperature	3000 K	139 lm/W	4,800 lm
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	All-in, Multi Color Temperature	3000 K	138 lm/W	6,000 lm
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	All-in, Multi Color Temperature	3000 K	130 lm/W	2,600 lm
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	All-in, Multi Lumen	3000 K	146 lm/W	3,000 lm
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	All-in, Multi Lumen	3000 K	145 lm/W	3,700 lm
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	-	4000 K	140 lm/W	6,000 lm
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	All-in, Multi Lumen	3000 K	148 lm/W	3,700 lm
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	All-in, Multi Lumen	3000 K	150 lm/W	3,000 lm
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	-	4000 K	140 lm/W	4,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Suitable for random switching
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	20 W	No
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	34.5 W	Yes
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	43.5 W	Yes
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	20.5 W	Yes
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	34.5 W	Yes

Order Code	Full Product Name	Power Consumption	Suitable for random switching
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	43.5 W	Yes
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	43 W	No
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	43 W	No
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	34 W	No
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	34 W	No

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	No	Not applicable
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	Yes	1%
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	Yes	1%
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	Yes	1%
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	Yes	1%
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	Yes	1%
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	No	Not applicable
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	No	Not applicable
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	No	Not applicable
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	No	Not applicable

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Power consumption during Central DC emergency mode
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	No	-	-	-
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	No	-	-	-
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	No	-	-	-
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	No	-	-	-
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	Yes	DC operated central emergency lighting	420 lm	4.2 W
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	Yes	DC operated central emergency lighting	530 lm	6 W
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	No	-	-	-
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	No	-	-	-
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	No	-	-	-
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	No	-	-	-

Approval and Application

Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	1	0.4
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	0.5	0.5
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	0.5	0.5
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	0.5	0.5

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Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	1	0.4
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	1	0.4
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	1	0.4

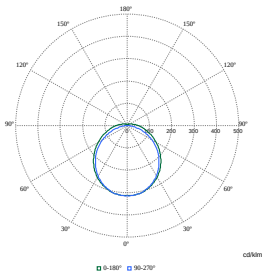
Order Code	Full Product Name	Flickering value (PstLM)	Stroboscopic effect
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	1	0.4
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	1	0.4
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	1	0.4

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3

Order Code	Full Product Name	Initial chromaticity
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	(0.38,0.38)SDCM<3
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	(0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	(0.38,0.38)SDCM<3

Polar Wide Diagrams



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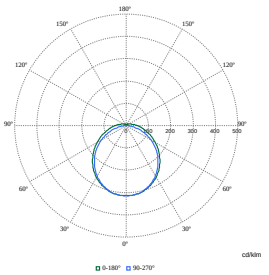

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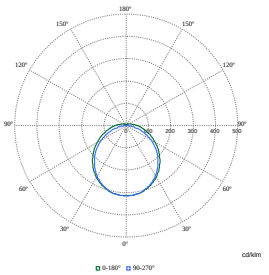

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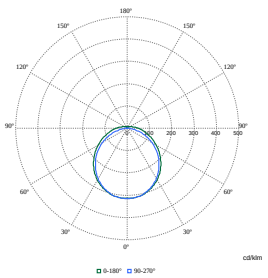

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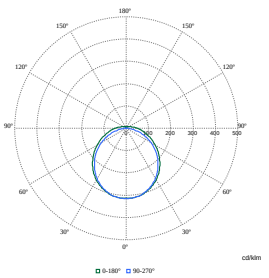

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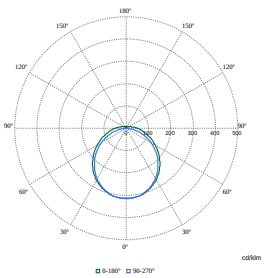

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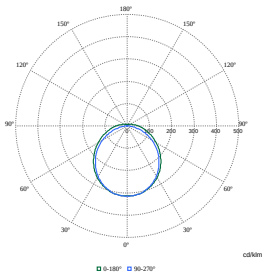
CoreLine Fastset, waterproof

Polar Wide Diagrams



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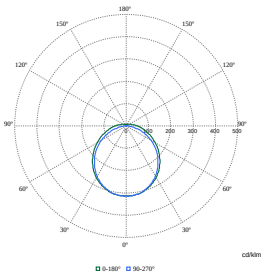

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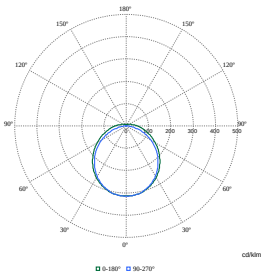

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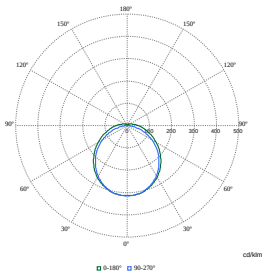

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