PHILIPS

CoreLine Fastset, waterproof

SM155C



CoreLine FastSet waterproof IP44: easy installation, excellent illumination

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-wring, 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 prevents 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 (3000 lm, 6000 lm) and two color temperatures (3000K, 4000K) in one luminaire
- Install as standalone fixtures or connect to create lines of light
- Fast and easy installation

Applications

- Offices
- Parking Garages
- Education
- Healthcare
- Schools

Features

- Up to 140 lm/W
- Identical lumen packages to fluorescent 2400-6000 lm
- Choice of standard lengths: 600mm, 1200mm and 1500mm
- 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

Versions



CoreLine FastSet All-in SM155C L600 RTP



CoreLine FastSet SM155C_wall-mounted horizontal 1_SPP



CoreLine FastSet SM155C L1500 RTP



CoreLine FastSet All-in SM155C L1500 RTP



CoreLine FastSet All-in SM155C L1200 RTP



CoreLine FastSet SM155C L1200 RTP

Dimensional drawing

SM155C 60S/840 PSU TW3 PI5 L1440

SM155C 48S/840 PSU TW3 PI5 L1160

SM155C 60S/840 PSU TW3 PI5 L1440

SM155C 26S/830_840 WIA TW3 PI5 L602

SM155C 48S/840 PSU TW3 PI5 L1160

SM155C 26S/830_840 WIA TW3 PI5 L602

Product details



CoreLine FastSet SM155C_captive pins open_DPP



CoreLine FastSet SM155C_Backside L600_DPP



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



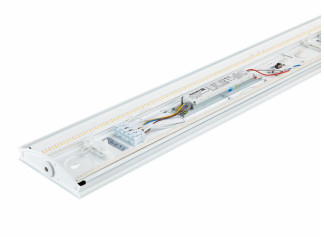
CoreLine FastSet SM155C_End cap 2_DPP



CoreLine FastSet SM155C_side_DPP



CoreLine FastSet SM155C_captive pins closed_DPP



CoreLine FastSet
SM155C_connection_DPP

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>80
Optic type	Opal

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class I

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]

Emergency Operation

Emergency lighting	DC operated central emergency lighting

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	-20 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	All-in Type
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	1,700 lm 1,900 lm 2,200 lm 2,600 lm	3000 K 4000 K	142 lm/W 130 lm/W	All-in, Multi Lumen All-in, Multi Color Temperature
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	4,800 lm	3000 K 4000 K	139 lm/W	All-in, Multi Color Temperature
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	6,000 lm	3000 K 4000 K	138 lm/W	All-in, Multi Color Temperature
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	2,600 lm	3000 K 4000 K	130 lm/W	All-in, Multi Color Temperature
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	3,000 lm 4,800 lm	3000 K 4000 K	146 lm/W 139 lm/W	All-in, Multi Lumen All-in, Multi Color Temperature
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	3,700 lm 6,000 lm	3000 K 4000 K	145 lm/W 138 lm/W	All-in, Multi Lumen All-in, Multi Color Temperature
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	6,000 lm	4000 K	140 lm/W	-
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	3,700 lm 4,250 lm 5,100 lm 6,000 lm	3000 K 4000 K	148 lm/W 140 lm/W	All-in, Multi Lumen All-in, Multi Color Temperature
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	3,000 lm 3,450 lm 4,100 lm 4,800 lm	3000 K 4000 K	150 lm/W 140 lm/W	All-in, Multi Lumen All-in, Multi Color Temperature
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	4,800 lm	4000 K	140 lm/W	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	20 W 12 W
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	34.5 W
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	43.5 W
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	20.5 W
911401803587	SM155C 30_48S/830_840 PSED TW1 PI5 L1160	34.5 W 20.5 W
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	43.5 W 25.5 W
911401841285	SM155C 60S/840 PSU TW3 PI5 L1440	43 W
911401841585	SM155C 37_60S/830_840 PSU TW3 PI5 L1440	43 W 25 W
911401841485	SM155C 30_48S/830_840 PSU TW3 PI5 L1160	34 W 20 W
911401841185	SM155C 48S/840 PSU TW3 PI5 L1160	34 W

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

Order Code	Full Product Name	Dimmable	Maximum dim level
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	Emergency flux	Power consumption during Central DC emergency mode	Central Emergency
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	420 lm	4.2 W	Yes
911401803687	SM155C 37_60S/830_840 PSED TW1 PI5 L1440	530 lm	6 W	Yes
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

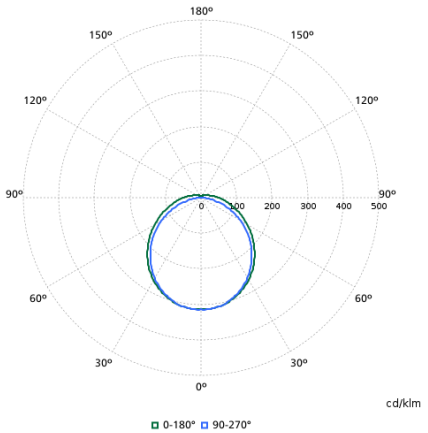
Order Code	Full Product Name	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	Stroboscopic effect visibility measure (SVM)
911401841385	SM155C 17_26S/830_840 PSU TW3 PI5 L602	1	0.4
911401803287	SM155C 48S/830_840 WIA TW3 PI5 L1160	0.5	0.5
911401803387	SM155C 60S/830_840 WIA TW3 PI5 L1440	0.5	0.5
911401803487	SM155C 26S/830_840 WIA TW3 PI5 L602	0.5	0.5
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
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

Order Code	Full Product Name	Initial chromaticity
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
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 normal diagrams



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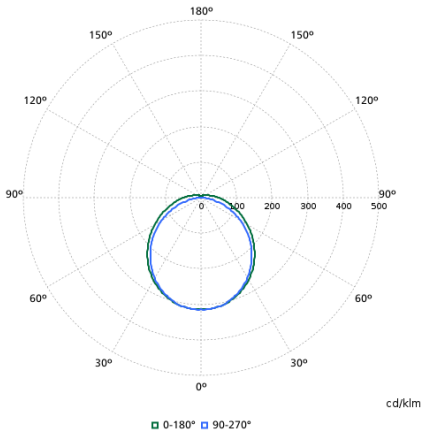

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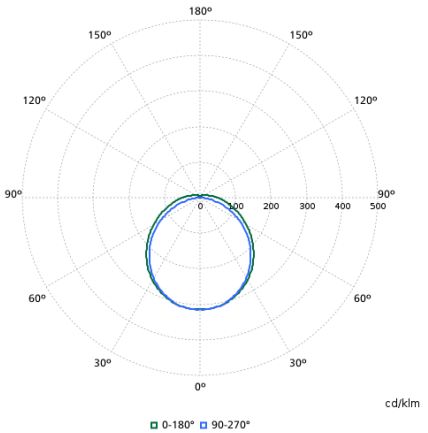

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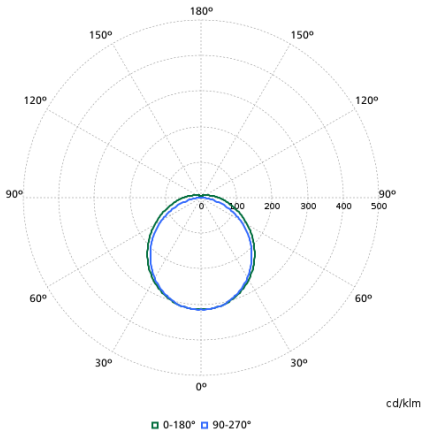

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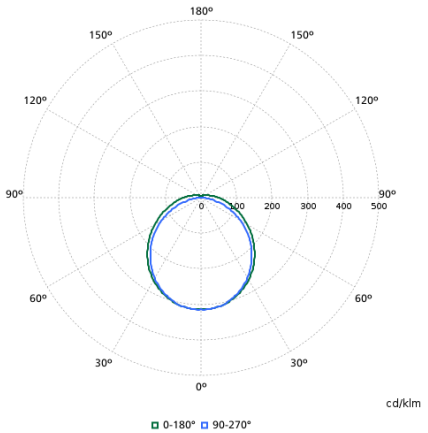

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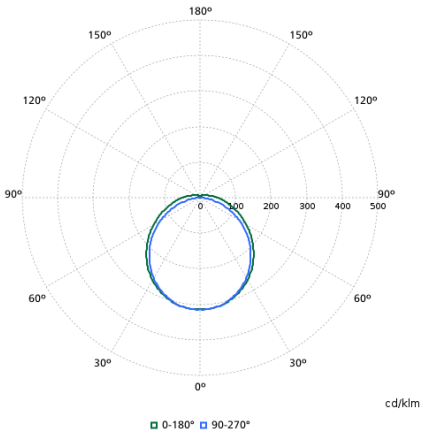

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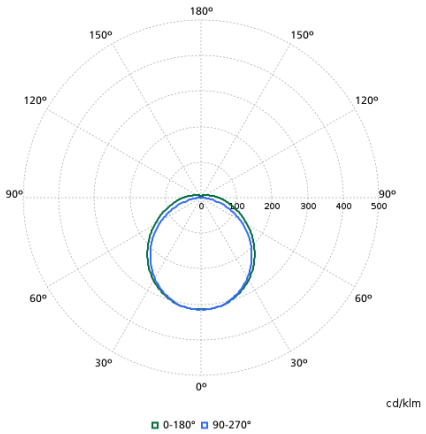

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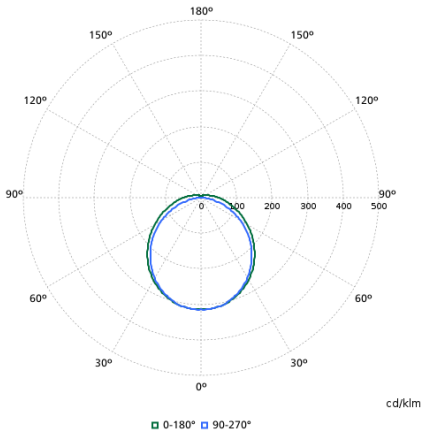

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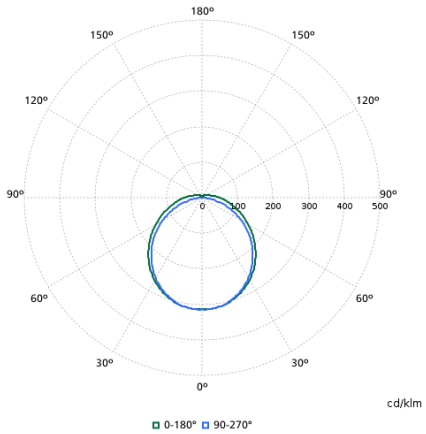

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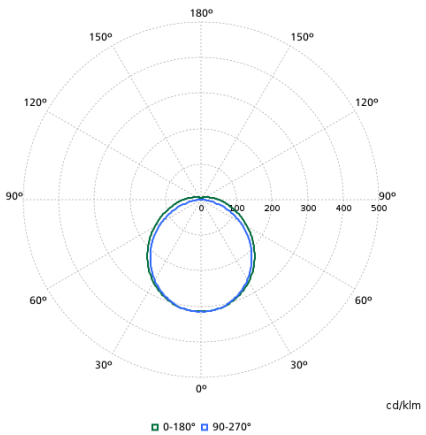

SM155C 30_48S/830_840 PSED TW1 PI5
L1160 911401803587

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