



CoreLine Fastset, surface-mounted

SM155C 17_26S/830_840 PSU TW3 PI5 L602

CoreLine Fastset, surface-mounted, All-in, 20 W, 17 W, 14 W, 12 W, L602 mm, 1700 lm, 1900 lm, 2200 lm, 2600 lm, 3000 K, 4000 K

Philips CoreLine FastSet is a 1:1 energy-efficient LED replacement for conventional indoor surface-mounted 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 surface-mounted 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 surface-mounted lights are easy to mount as a standalone fixture, directly to the surface-mounted or using brackets. You can also create a line of light due to straight end-caps with head to head mounting. It is also easy to connect them to other CoreLine Fastset luminaires to create harmonious lines of light. Should you require it, accessories are also available to adapt the CoreLine fixtures for suspended mounting. 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 surface-mounted LED lights, you have the perfect solution for high circulation areas such as hallways and staircase lighting.

Product data

Datasheet, 2025, March 19 data subject to change

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General Information		Overall length	602 mm
Number of gear units	1 unit	Overall width	163 mm
Driver included	Yes	Overall height	67 mm
Service tag	Yes	Dimensions (Height x Width x Depth)	67 x 163 x 602 mm
Value ladder	Performance	Ingress protection code	IP20/44 [Finger-protected; wire-
Warranty period	5 years		protected, splash-proof]
Sustainability rating	-	Mech. impact protection code	IK06 [1 J]
		Net Weight (Piece)	1.500 kg
Light Technical			
Luminous Flux	1,700 1,900 2,200 2,600 lm	Emergency Operation	
Saturated Red (R9)	<50	Central Emergency	No
Correlated Color Temperature (Nom)	3000 4000 K		
Luminous Efficacy (rated) (Nom)	130 lm/W	Approval and Application	
Color rendering index (CRI)	>80	Glow-wire test	Temperature 650 °C, duration 30 s
Light source color	-	Flammability mark	For mounting on normally flammable
Optic type	Opal		surfaces
Luminaire light beam spread	110°	CE mark	Yes
Unified glare rating CEN	25	ENEC mark	ENEC mark
All-in Type	All-in, Multi Lumen All-in, Multi Color	Photobiological risk	Photobiological risk group 0 @ 200mm to
	Temperature		EN62471
		Photobiological risk specification	0.2 m
Operating and Electrical		EU RoHS compliant	Yes
Input Voltage	220 to 240 V	Performance ambient temperature Tq	25 ℃
Line Frequency	50 or 60 Hz	Flickering value (PstLM) - Flickering value as	1
Inrush current	14 A	per EN 61000-3-3	
Inrush time	0.12 ms	Stroboscopic effect visibility measure (SVM)	0.4
Power Consumption	20 17 14 12 W	Ambient temperature range	-20 °C to 45 °C
Power Factor (Fraction)	0.95		
Connection	Push-in connector 5-pole	Initial Performance (IEC Compliant)	
Cable	-	Luminous flux tolerance	+/-10%
Number of products on MCB of 16 A type B	55	Initial chromaticity	(0.38,0.38)SDCM<3;(0.44,0.40)SDCM<3
Suitable for random switching	No	Power consumption tolerance	+/-10%
Protection class IEC	Safety class I	Standard Deviation of Colour Matching	SDCM≤3
Feed-through wiring	Feed-through wiring 3-phase	(McAdam ellipse)	
Total harmonic distortion	20 %		
		Over Time Performance (IEC Complian	t)
Controls and Dimming		Control gear failure rate at median useful life	5 %
Dimmable	No	50000 h	
Driver/power unit/transformer	Power supply unit (On/Off)	Lumen maintenance (EN-IEC 62722-2-1) at	L80
Control interface	-	median useful life* 50000 h	
Constant light output	No	Lumen maintenance (EN-IEC 62722-2-1) at	L65
Maximum dim level	Not applicable	median useful life* 100000 h	
Mechanical and Housing		Product Data	
Housing Material	Steel	Order product name	SM155C 17_26S/830_840 PSU TW3 PI5
Reflector material	Steel		L602
Optic material	Polycarbonate	Full product name	SM155C 17_26S/830_840 PSU TW3 PI5
Optical cover material	Polycarbonate		L602
Fixation material	-	Full product code	872016951015999
Housing Color	White	Order code	911401841385
Optical cover finish	Opal	Material Nr. (12NC)	911401841385
		Numerator - Quantity Per Pack	1

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EAN/UPC - Product/Case	8720169510159
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169510234



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