



CoreLine Fastset, surface-mounted

SM155C 37_60S/830_840 PSU TW3 PI5 L1440

CoreLine Fastset, surface-mounted, 43 W, L1440 mm, 3700 lm, 6000 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

General Information		Driver included	Yes
Number of gear units	1 unit	Feed-through wiring	Feed-through wiring 3-phase

Datasheet, 2024, January 9 data subject to change

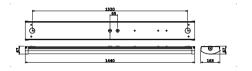
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Value ladder	Performance	Housing Color	White RAL 9003
CE mark	CE mark	Optical cover finish	Opal
Warranty period	5 years	Overall length	1,440 mm
Flammability mark	For mounting on normally flammable	Overall width	163 mm
	surfaces	Overall height	67 mm
ENEC mark	ENEC mark	Dimensions (Height x Width x Depth)	67 x 163 x 1440 mm
Glow-wire test	Temperature 650 °C, duration 30 s		
EU RoHS compliant	Yes	Approval and Application	
		Ingress protection code	IP44 [Wire-protected, splash-proof]
Light Technical		Mech. impact protection code	IK08 [5 J vandal-protected]
Luminous Flux	3,700 6,000 lm	Sustainability rating	-
Saturated Red (R9)	<50	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	3000 4000 K	Photobiological risk	Photobiological risk group 0 @ 200mm
Luminous Efficacy (rated) (Nom)	140 lm/W		EN62471
Color rendering index (CRI)	80	Photobiological risk specification	0.2 m
Flickering value (PstLM)	1		
Stroboscopic effect value (SVM)	0.4	Initial Performance (IEC Compliant)	
Light source color	Multi Color Temperature	Luminous flux tolerance	+/-10%
Optic type	Opal	Initial chromaticity	(0.38,0.38)SDCM<3;(0.44,0.40)SDCM<3
Luminaire light beam spread	110°	Power consumption tolerance	+/-10%
Unified glare rating CEN	25		
		Over Time Performance (IEC Complia	nt)
Operating and Electrical		Control gear failure rate at median useful	5 %
Input Voltage	220 to 240 V	life 50000 h	
Line Frequency	50 or 60 Hz	Lumen maintenance at median useful life*	L80
Inrush current	17 A	50000 h	
Inrush time	0.14 ms	Lumen maintenance at median useful life*	L65
Power Consumption	43 W	100000 h	
Power Factor (Fraction)	0.95		
Connection	Push-in connector 5-pole	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type B	18	Maximum dim level	Not applicable
		Suitable for random switching	Yes
Temperature			
Ambient temperature range	-20 °C to 45 °C	Product Data	
		Order product name	SM155C 37_60S/830_840 PSU TW3 PI5
Controls and Dimming			L1440
Dimmable	No	Full product name	SM155C 37_60S/830_840 PSU TW3 PI5
Driver/power unit/transformer	Power supply unit (On/Off)		L1440
Control interface	-	Full product code	872016951017399
Constant light output	No	Order code	911401841585
		Material Nr. (12NC)	911401841585
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Steel	EAN/UPC - Product/Case	8720169510173
Reflector material	Steel	Numerator - Packs per outer box	4
Optic material	Polycarbonate	EAN/UPC - Case	8720169510258
Optical cover material	Polycarbonate		
Fixation material	· · ·		

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Dimensional drawing







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