



CoreLine Fastset, surface-mounted

SM155C 37 60S/830 840 PSED TW1 PI5 L1440

CoreLine Fastset, surface-mounted, All-in, 43.5 W, 25.5 W, L1440 mm, 3700 lm, 6000 lm, 3000 K, 4000 K, EL-DC

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 1-phase

Datasheet, 2024, July 5 data subject to change

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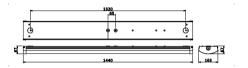
Value ladder	Performance	Dimensions (Height x Width x Depth)	67 x 163 x 1440 mm
Liebt Tachmical		F	
Light Technical		Emergency Operation	
Luminous Flux	3,700 6,000 lm	Emergency flux	530 lm
Luminous Efficacy (rated) (Nom)	138 lm/W	Power consumption during Central DC	6 W
Saturated Red (R9)	<50	emergency mode	
Correlated Color Temperature (Nom)	3000 4000 K		
Color rendering index (CRI)	80	Approval and Application	
Flickering value (PstLM) - Flickering value as	s 1	Ingress protection code	IP44 [Wire-protected, splash-proof]
per EN 61000-3-3		Mech. impact protection code	IK06 [1 J]
Stroboscopic effect visibility measure (SVM)	0.4	Sustainability rating	-
Light source color		Protection class IEC	Safety class I
Optic type	Opal	Glow-wire test	Temperature 650 °C, duration 30 s
Luminaire light beam spread	110°	Flammability mark	For mounting on normally flammable
Unified glare rating CEN	25		surfaces
All-in Type	All-in, Multi Lumen and Multi Color	CE mark	CE mark
	Temperature	ENEC mark	ENEC mark
		Warranty period	5 years
Operating and Electrical		Photobiological risk	Photobiological risk group 0 @ 200mm to
Input Voltage	220 to 240 V		EN62471
Line Frequency	50 or 60 Hz	Photobiological risk specification	0.2 m
Inrush current	25 A	EU RoHS compliant	Yes
Inrush time	0.214 ms		
Power Consumption	43.5 25.5 W	Initial Performance (IEC Compliant)	
Power Factor (Fraction)	0.9	Luminous flux tolerance	+/-10%
Connection	Push-in connector 5-pole	Initial chromaticity	(0.38,0.38)SDCM<3;(0.44,0.40)SDCM<3
Cable		Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type B	18		
		Over Time Performance (IEC Complia	nt)
Temperature		Control gear failure rate at median useful	5 %
Ambient temperature range	-20 °C to 45 °C	life 50000 h	
		Lumen maintenance at median useful life*	L80
Controls and Dimming		50000 h	
Dimmable	Yes	Lumen maintenance at median useful life*	L65
Driver/power unit/transformer	Power supply unit with DALI interface, DC	100000 h	
	compatible for central emergency lighting		
	(integrated)	Application Conditions	
Control interface		Performance ambient temperature Tq	25 ℃
Constant light output	No	Maximum dim level	1%
		Suitable for random switching	Yes
Mechanical and Housing			
Housing Material	Steel	Product Data	
Reflector material	Steel	Order product name	SM155C 37_60S/830_840 PSED TW1 PI5
Optic material	Polycarbonate		L1440
Optical cover material	Polycarbonate	Full product name	SM155C 37_60S/830_840 PSED TW1 PI5
Fixation material	-		L1440
Housing Color	White	Full product code	872016975074699
Optical cover finish	Opal	Order code	911401803687
Overall length	1,440 mm	Material Nr. (12NC)	911401803687
Overall width	163 mm	Numerator - Quantity Per Pack	1
Overall height	67 mm	Net Weight (Piece)	3.200 kg
		EAN/UPC - Product/Case	8720169750746

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Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750791

Dimensional drawing







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