



CoreLine Fastset, surface-mounted

SM155C 30 48S/830 840 PSU TW3 PI5 L1160

CoreLine Fastset, surface-mounted, 34 W, L1160 mm, 3000 lm, 4800 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

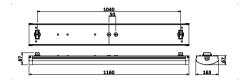
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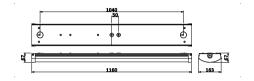
Value ladder	Performance	Housing Color
CE mark	CE mark	Optical cover finish
Warranty period	5 years	Overall length
Flammability mark	For mounting on normally flammable	Overall width
	surfaces	Overall height
ENEC mark	ENEC mark	Dimensions (Height x Width x Depth)
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	Yes	Approval and Application
		Ingress protection code
Light Technical		Mech. impact protection code
Luminous Flux	3,000 4,800 lm	Sustainability rating
Saturated Red (R9)	<50	Protection class IEC
Correlated Color Temperature (Nom)	3000 4000 K	Photobiological risk
Luminous Efficacy (rated) (Nom)	141 lm/W	_
Color rendering index (CRI)	80	Photobiological risk specification
Flickering value (PstLM)	1	
Stroboscopic effect value (SVM)	0.4	Initial Performance (IEC Complian
Light source color	Multi Color Temperature	Luminous flux tolerance
Optic type	Opal	Initial chromaticity
Luminaire light beam spread	110°	Power consumption tolerance
Unified glare rating CEN	25	
		Over Time Performance (IEC Com
Operating and Electrical		Control gear failure rate at median use
Input Voltage	220 to 240 V	life 50000 h
Line Frequency	50 or 60 Hz	Lumen maintenance at median useful l
Inrush current	17 A	50000 h
nrush time	0.14 ms	Lumen maintenance at median useful l
Power Consumption	34 W	100000 h
Power Factor (Fraction)	0.95	
Connection	Push-in connector 5-pole	Application Conditions
Cable	· -	Performance ambient temperature Tq
Number of products on MCB of 16 A type B	25	Maximum dim level
		Suitable for random switching
Temperature		_
Ambient temperature range	-20 °C to 45 °C	Product Data
		Order product name
Controls and Dimming		_
Dimmable	No	Full product name
Driver/power unit/transformer	Power supply unit (On/Off)	_
Control interface	-	Full product code
Constant light output	No	Order code
Constant light output		Material Nr. (12NC)
Mechanical and Housing		Numerator - Quantity Per Pack
	Stool	EAN/UPC - Product/Case
Housing Material	Steel	Numerator - Packs per outer box
Reflector material	Steel	EAN/UPC - Case
Optic material	Polycarbonate	- Case
Optical cover material	Polycarbonate	

Housing Color	White RAL 9003
Optical cover finish	Opal
Overall length	1,160 mm
Overall width	163 mm
Overall height	67 mm
Dimensions (Height x Width x Depth)	67 x 163 x 1160 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @ 200mm to
	EN62471
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<3;(0.44,0.40)SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	nt)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Lumen maintenance at median useful life*	L65
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Due do et Dete	
Product Data	CMEEC 20, 40C (020, 040 DC) THIS DIE
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Full product code Order code	SM155C 30_48S/830_840 PSU TW3 PI5 L1160 872016951016699 911401841485
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Dimensional drawing







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