



CoreLine Fastset, surface-mounted

SM155C 17_25S/830_840 PSU TW3 PI5 L602

CoreLine Fastset, surface-mounted, 17 W, L602 mm, 2200 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, 2023, December 21 data subject to change

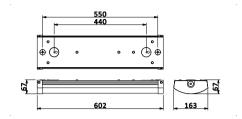
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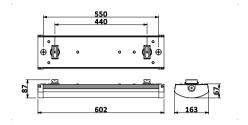
Value ladder	Performance	Housing Co
CE mark	CE mark	Optical cov
Warranty period	5 years	Overall leng
Flammability mark	For mounting on normally flammable	Overall wid
	surfaces	Overall heig
ENEC mark	ENEC mark	Dimensions
Glow-wire test	Temperature 650 °C, duration 30 s	-
EU RoHS compliant	Yes	Approval
		Ingress prot
Light Technical		Mech. impa
Luminous Flux	2,200 lm	Sustainabili
Saturated Red (R9)	<50	Protection
Correlated Color Temperature (Nom)	3000 4000 K	Photobiolog
Luminous Efficacy (rated) (Nom)	129 lm/W	-
Color rendering index (CRI)	80	Photobiolog
Flickering value (PstLM)	1	
Stroboscopic effect value (SVM)	0.4	Initial Per
Light source color	Multi Color Temperature	Luminous fl
Optic type	Opal	Initial chron
Luminaire light beam spread	110°	Power cons
Unified glare rating CEN	25	
		Over Time
Operating and Electrical		Control gea
Input Voltage	220 to 240 V	life 50000
Line Frequency	50 or 60 Hz	Lumen mair
Inrush current	14 A	50000 h
Inrush time	0.12 ms	Lumen mair
Power Consumption	17 W	100000 h
Power Factor (Fraction)	0.95	-
Connection	Push-in connector 5-pole	Application
Cable	rusii-iii connector 3-pote	Performano
	-	Maximum d
Number of products on MCB of 16 A type B	55	Suitable for
Tananauatuwa		- Juliable Ioi
Temperature	20.05 / 45.05	Product D
Ambient temperature range	-20 °C to 45 °C	_
		Order produ
Controls and Dimming		Eull produce
Dimmable	No	Full product
Driver/power unit/transformer	Power supply unit (On/Off)	Eull product
Control interface	-	Full product
Constant light output	No	Order code
		Material Nr
Mechanical and Housing		Numerator
Housing Material	Steel	EAN/UPC -
Reflector material	Steel	Numerator
Optic material	Polycarbonate	EAN/UPC -
Optical cover material	Polycarbonate	_
Fixation material	-	

Housing Color	White RAL 9003
Optical cover finish	Opal
Overall length	602 mm
Overall width	163 mm
Overall height	67 mm
Dimensions (Height x Width x Depth)	67 x 163 x 602 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 %
Control gear failure rate at median useful life 50000 h	5 %
	5 % L80
life 50000 h	
life 50000 h Lumen maintenance at median useful life*	
life 50000 h Lumen maintenance at median useful life* 50000 h	L80
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life*	L80
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life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h	L80
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L80
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L65 25 °C
life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	L65 25 °C Not applicable
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Dimensional drawing







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