



# CoreLine Fastset, surface-mounted

## SM155C 30\_48S/830\_840 PSED TW1 PI5 L1160

CoreLine Fastset, surface-mounted, All-in, 34.5 W, 20.5 W, L1160 mm, 3000 lm, 4800 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	Service tag	Yes

Datasheet, 2025, January 10 data subject to change

# **CoreLine Fastset, surface-mounted**

Value ladder	Performance	Dimensions (Height x Width x Dep
Warranty period	5 years	Ingress protection code
Sustainability rating	-	
		Mech. impact protection code
Light Technical		Net Weight (Piece)
Luminous Flux	3,000 4,800 lm	-
Saturated Red (R9)	<50	<b>Emergency Operation</b>
Correlated Color Temperature (Nom)	3000 4000 K	Emergency flux
Luminous Efficacy (rated) (Nom)	139 lm/W	Power consumption during Centra
Color rendering index (CRI)	>80	emergency mode
Light source color	-	Central Emergency
Optic type	Opal	Emergency lighting
Luminaire light beam spread	110°	
Unified glare rating CEN	25	Approval and Application
All-in Type	All-in, Multi Lumen All-in, Multi Color	Glow-wire test
	Temperature	Flammability mark
Operating and Electrical		CE mark
Input Voltage	220 to 240 V	ENEC mark
	50 or 60 Hz	Photobiological risk
Line Frequency  Inrush current	25 A	1 Hotobiotogical Hak
	<del>.</del>	Photobiological risk specification
Inrush time	0.214 ms	EU RoHS compliant
Power Consumption	34.5 20.5 W	
Power Factor (Fraction)	0.9	Performance ambient temperatur
Connection	Push-in connector 5-pole	Flickering value (PstLM) - Flickeri
Cable		per EN 61000-3-3
Number of products on MCB of 16 A type B	18	Stroboscopic effect visibility mea
Suitable for random switching	Yes	Ambient temperature range
Protection class IEC	Safety class I	
Feed-through wiring	Feed-through wiring 1-phase	Initial Performance (IEC Com
Total harmonic distortion	20 %	Luminous flux tolerance
		Initial chromaticity
Controls and Dimming		Power consumption tolerance
Dimmable	Yes	Standard Deviation of Colour Mat
Driver/power unit/transformer	Power supply unit with DALI interface, DC	(McAdam ellipse)
	compatible for central emergency lighting	
	(integrated)	Over Time Performance (IEC
Control interface	-	Control gear failure rate at media
Constant light output	No	life 50000 h
Maximum dim level	1%	Lumen maintenance at median us
		50000 h
Mechanical and Housing		Lumen maintenance at median us
Housing Material	Steel	100000 h
Reflector material	Steel	
	Polycarbonate	Product Data
Optic material		
	Polycarbonate	Order product name
Optical cover material		Order product name
Optical cover material Fixation material	Polycarbonate -	Order product name  Full product name
Optical cover material Fixation material Housing Color	Polycarbonate - White	
Optical cover material Fixation material Housing Color Optical cover finish	Polycarbonate  - White Opal	
Optic material Optical cover material Fixation material Housing Color Optical cover finish Overall length Overall width	Polycarbonate - White	Full product name

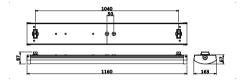
Dimensions (Height x Width x Depth)	67 x 163 x 1160 mm
Ingress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	2.650 kg
<b>Emergency Operation</b>	
Emergency flux	420 lm
Power consumption during Central DC	4.2 W
emergency mode	
Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
-	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @ 200mm to
	EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C
Ambient temperature range	-20 € 10 43 €
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  Standard Deviation of Colour Matching	+/-10%
•	SDCM≤3
(McAdam ellipse)	
Over Time Deviewments (IEC Complian	A)
Over Time Performance (IEC Complian	·
Control gear failure rate at median useful	5 %
life 50000 h	100
Lumen maintenance at median useful life*	L80
50000 h	
Lumen maintenance at median useful life*	L65
100000 h	
Product Data	
Order product name	SM155C 30_48S/830_840 PSED TW1 PI5
	L1160
Full product name	SM155C 30_48S/830_840 PSED TW1 PI5
	L1160
Full product code	872016975073999
Order code	911401803587
Material Nr. (12NC)	911401803587

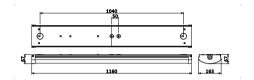
# CoreLine Fastset, surface-mounted

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169750739
Numerator - Packs per outer box	4

EAN/UPC - Case	8720169750784
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### Dimensional drawing







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