



# CoreLine FastSet, surface-mounted

## SM155C 48S/840 PSU TW3 PI5 L1160

CoreLine FastSet, surface-mounted, 34 W, L1160 mm, 4800 lm, 4000 K

L1160 mm, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 4800 lm, 34 W, 140 lm/W, 4000 K, (0.38,0.38)SDCM<3, Opal, Opal, Polycarbonate, IP20/44 | Finger-protected; wire-protected, splash-proof, IK06 | 1 J, Safety class I, Push-in connector 5-pole, Feed-through wiring 3-phase

### Product data

General Information		Unified Glare Rating (CEN)	
Number of gear units	Unit		25
Driver included	Yes	Operating and Electrical	
Service Tag	Yes	Input Voltage	220 to 240 V
Value ladder	Performance	Line Frequency	50 or 60 Hz
Warranty period	5 years	Inrush current	17 A
Light Technical		Inrush time	0.14 ms
Luminous Flux	4,800 lm	Power Consumption	34 W
Saturated Red (R9)	<50	Power Factor (Fraction)	0.95
Correlated Colour Temperature (Nom)	4000 K	Connection	Push-in connector 5-pole
Luminous efficacy (rated) (nom.)	140 lm/W	Cable	-
Colour rendering index (CRI)	>80	Number of products on MCB (16 A type B)	25
Light source colour	-	Suitable for random switching	No
Optic type	Opal	Protection class IEC	Safety class I
Luminaire light beam spread	110°	Feed-through wiring	Feed-through wiring 3-phase
		Total harmonic distortion	20 %

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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing	
Housing material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens 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
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	2.500 kg

Emergency Operation	
Central Emergency	No

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)	1
Stroboscopic effect	0.4
Ambient temperature range	-20°C to 45°C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Initial chromaticity	(0.38,0.38)SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

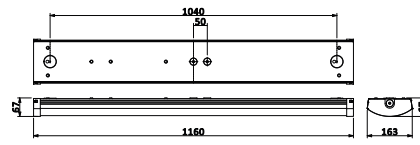
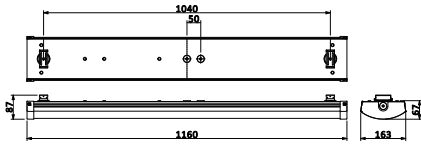
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L65

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	81.5 kg CO <sub>2</sub> e
Product non-virgin material ratio	13.9 %
Recyclable the content ratio of the finished product	45.1 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO <sub>2</sub> eq / kwh)

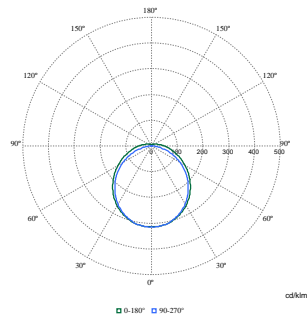
Product Data	
Order product name	SM155C 48S/840 PSU TW3 P15 L1160
Full product name	SM155C 48S/840 PSU TW3 P15 L1160
Full EOC	872016951013599
Order code	911401841185
Material no. (12 NC)	911401841185
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169510135
Numerator – packs per outer box	4
EAN/UPC - Case	8720169510210

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401841185

