



CoreLine Fastset, surface-mounted

SM155C 48S/830_840 WIA TW3 PI5 L1160

CoreLine Fastset, surface-mounted, All-in, 34.5 W, L1160 mm, 4800 lm, 3000 K, 4000 K, Wireless, Interact Ready

L1160 mm, Steel, White, Signal white (RAL9003), Wireless driver Interact System ready, All-in, Multi Color Temperature, 4800 lm, 34.5 W, 139 lm/W, 3000 K, 4000 K, (0.38,0.38)SDCM<3;(0.44,0.40)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	1 unit	Unified glare rating CEN	25
Driver included	Yes	All-in Type	All-in, Multi Color Temperature
Service tag	Yes	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	19 A
Luminous Flux	4,800 lm	Inrush time	0.23 ms
Saturated Red (R9)	<50	Power Consumption	34.5 W
Correlated Color Temperature (Nom)	3000 4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	139 lm/W	Connection	Push-in connector 5-pole
Color rendering index (CRI)	>80	Cable	-
Light source color	-	Number of products on MCB of 16 A type B	24
Optic type	Opal	Suitable for random switching	Yes
Luminaire light beam spread	110°	Protection class IEC	Safety class I

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Feed-through wiring	Feed-through wiring 3-phase
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
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
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	2.700 kg

Emergency Operation

Central Emergency	No
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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	0.5
Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	-20 °C to 45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(0.38,0.38)SDCM<3;(0.44,0.40)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 50000 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)	82.9 kg CO ₂ e
Product non-virgin material ratio	0.013 %
Recyclable content ratio of the finished product	0.042 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /Lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

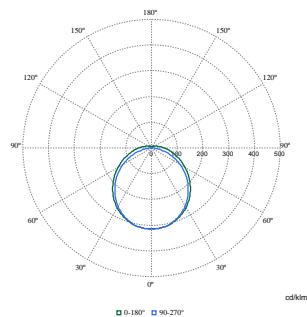
Order product name	SM155C 48S/830_840 WIA TW3 PI5 L1160
Full product name	SM155C 48S/830_840 WIA TW3 PI5 L1160
Full product code	872016975070899
Order code	75070899
Material Nr. (12NC)	911401803287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169750708
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750753

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401803287

