



CoreLine FastSet, surface-mounted

SM155C 37_60S/830_840 PSED TW1 PI5 L1440

CoreLine FastSet, surface-mounted, All-in, 43.5 W, 25.5 W, L1440 mm, 3700 lm, 6000 lm, 3000 K, 4000 K, DALI, EL-DC

L1440 mm, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated), All-in, Multi Lumen, All-in, Multi Color Temperature, 3700 lm, 6000 lm, 43.5 W, 25.5 W, 145 lm/W, 138 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 1-phase, DC operated central emergency lighting

Product data

General Information	
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	3,700 6,000 lm
Saturated Red (R9)	<50
Correlated Colour Temperature (Nom)	3000 4000 K
Luminous efficacy (rated) (nom.)	145 138 lm/W
Colour rendering index (CRI)	>80
Light source colour	-

Optic type	Opal
Luminaire light beam spread	110°
Unified Glare Rating (CEN)	25
All-in Type	All-in, Multi Lumen All-in, Multi Color Temperature
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	25 A
Inrush time	0.214 ms
Power Consumption	43.5 25.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole

CoreLine FastSet, surface-mounted

Cable	-
Number of products on MCB (16 A type B)	18
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 1-phase
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	1%

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	1,440 mm
Overall width	163 mm
Overall height	67 mm
Dimensions (height x width x depth)	67 x 163 x 1440 mm
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	3.200 kg

Emergency Operation

Emergency flux	530 lm
Power consumption during Central DC emergency mode	6 W
Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting
Emergency lighting operation mode	Maintained

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;(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 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)	104 kg CO _{2e}
Product non-virgin material ratio	0.0129 %
Recyclable the content ratio of the finished product	0.045 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) 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 _{2 eq} / kWh)

Product Data

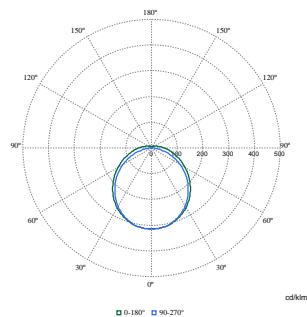
Order product name	SM155C 37_605/830_840 PSED TW1 PI5 L1440
Full product name	SM155C 37_605/830_840 PSED TW1 PI5 L1440
Full EOC	872016975074699
Order code	911401803687
Material no. (12 NC)	911401803687
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169750746
Numerator – packs per outer box	4
EAN/UPC – Case	8720169750791

CoreLine FastSet, surface-mounted

Dimensional drawing



Photometric data



Polar Normal (separate) - 911401803687

