PHILIPS

Lighting

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	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	4,800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Light source color	-
Optic type	Opal
Luminaire light beam spread	110°
Unified glare rating CEN	25

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	17 A
Inrush time	0.14 ms
Power Consumption	34 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	25
Suitable for random switching	No
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 3-phase
Total harmonic distortion	20 %

CoreLine Fastset, surface-mounted

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 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)	2.500 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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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 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)	81.5 kg CO_2e
Product non-virgin material ratio	13.9 %
Recyclable content ratio of the finished product	45.1 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 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/840 PSU TW3 PI5 L1160
Full product name	SM155C 48S/840 PSU TW3 PI5 L1160
Full product code	872016951013599
Order code	911401841185
Material Nr. (12NC)	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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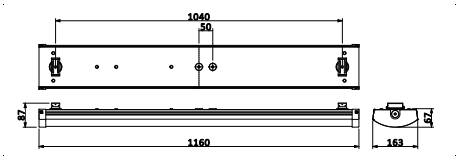
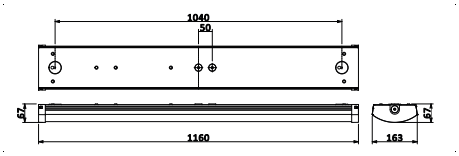
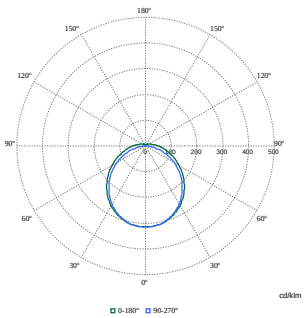
Dimensional drawing





Photometric data



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