KeyLine, Surface & Suspended

SM350C 27S/830 PSU PCS L1200 WH

KeyLine, Surface & Suspended, 20.5 W, L1200 mm; H70 mm, 2700 lm, 3000 K, UGR19

L1200 mm; H70 mm, Aluminum, White, Signal white (RAL9003), Power supply unit (On/Off), 2700 lm, 20.5 W, 132 lm/W, 3000 K, (0.43, 0.40) SDCM <3, UGR19, Medium beam, Textured, Polycarbonate, IP20 | Finger-protected, IK06 | 1 J, Safety class I, Push-in connector 3-pole

Warnings and Safety

- KeyLine luminaires have an IP20 classification and are not protected against water ingress. We strongly recommend that the installation environment is checked for suitability.
- If – despite the IPX0 classification warning – luminaires are subject to water ingress, Philips and Signify cannot guarantee safety or prevent failure. In this case the product warranty does not apply and becomes void.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	2,700 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Medium beam
Luminaire light beam spread	74° x 74°
Unified glare rating CEN	19
Melanopic Daylight Efficacy Ratio	0.5

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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	12.5 A
Inrush time	266 ms
Power Consumption	20.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	No
Protection class IEC	Safety class I

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	Aluminum
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Textured
Overall length	1,127 mm
Overall width	70 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 70 x 1127 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	2.750 kg

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 EN62778
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	+10 to +35 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

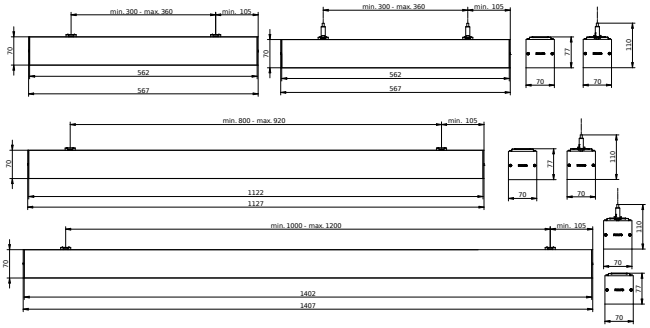
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

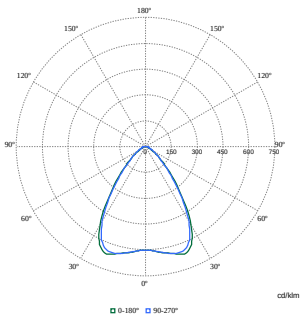
Product Data	
Order product name	SM350C 27S/830 PSU PCS L1200 WH
Full product name	SM350C 27S/830 PSU PCS L1200 WH
Full product code	871951462433700
Order code	910925868369
Material Nr. (12NC)	910925868369
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514624337
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514624337
Product family code	SM350C [KeyLine]

KeyLine, Surface & Suspended

Dimensional drawing



Photometric data



Polar Normal (separate) - SM350CI - 910925868369

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