CoreLine Surface-mounted

SM134V LED37S/830 PSU W20L120 OC

Coreline Surface – 830 warm white – Power supply unit

CoreLine surface-mounted delivers on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. The high-quality CoreLine surface-mounted is designed to replace existing surface-mounted luminaires with T8 or T5 technology. This family features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally friendly and cost saving solution. With a quick-connector feature, our surface-mounted luminaires are simple and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, fully compatible with Interact gateways, sensors and software.

Warnings and Safety
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information		Optic type	Wide beam
Light source color	830 warm white	Luminaire light beam spread	81°
Light source replaceable	No	Control interface	–
Number of gear units	1 unit	Connection	Push-in connector and pull relief
Driver/power unit/transformer	Power supply unit	Cable	–
Driver included	Yes	Protection class IEC	Safety class I

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Glow-wire test	Temperature 850 °C, duration 30 s		Color	White
Flammability mark	For mounting on normally flammable surfaces		Dimensions (Height x Width x Depth)	47 x 197 x 1170 mm (1.9 x 7.8 x 46.1 in)

CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Remarks	*–Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	24
EU RoHS compliant	Yes
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Unified glare rating CEN	19

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3700 lm
Luminous flux tolerance	+/–8%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	34.5 W
Power consumption tolerance	+/–10%

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.9

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Controls and Dimming

Dimmable	No

Application Conditions

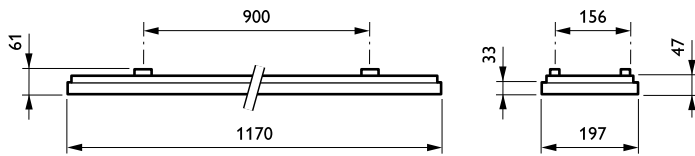|	
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm

Product Data

Full product code	871869934884700
Order product name	SM134V LED37S/830 PSU W20L120 OC
EAN/UPC – Product	8718699348847
Order code	910925864843
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910925864843
Net Weight (Piece)	3.400 kg

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Dimensional drawing

CoreLine Surface-mounted SM134V

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2021, June 2 - data subject to change