



CoreLine surface-mounted

SM136V 31S_37S_43S/840 PSD W20L120OCELB3

CORELINE SURFACE GEN3 - 840 neutral white - Power supply unit with DALI interface

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		Driver/power unit/transformer	Power supply unit with DALI interface
Beam angle of light source	- °	Driver included	Yes
Light source color	840 neutral white	Optic type	Beam angle 84°
Light source replaceable	No	Luminaire light beam spread	84°
Number of gear units	1 unit	Control interface	DALI

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Connection	Connection unit 7-pole
Cable	Cable with connector 5-pole
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	30
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
EU RoHS compliant	Yes
Service tag	No
Product family code	SM136V [CORELINE SURFACE GEN3]
Unified glare rating CEN	19

Light technical

Saturated Red (R9)	<50
Flickering	1
Stroboscopic effect	0.4

Operating and electrical

Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	15.6 A
Inrush time	0.23 ms
Power Factor (Min)	0.9

Controls and dimming

Dimmable	Yes
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Mechanical and housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Diamond
Overall length	1200 mm
Overall width	200 mm
Overall height	68.5 mm

Color	White
Dimensions (Height x Width x Depth)	69 x 200 x 1200 mm (2.7 x 7.9 x 47.2 in)

Approval and application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	4300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	126 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Initial input power	34 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Application conditions

Ambient temperature range	0 to +25 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	3%
Suitable for random switching	Yes

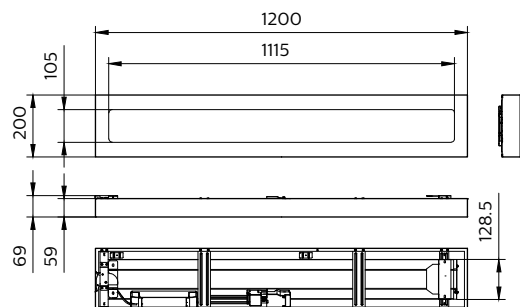
Product data

Full product code	871869997554800
Order product name	SM136V 31S_37S_43S/840 PSD W20L120OCEL B3
EAN/UPC - Product	8718699975548
Order code	910505101247
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505101247
Copy Net Weight (Piece)	4.300 kg



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Dimensional drawing



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