



# CoreLine surface-mounted

## SM136V 31S\_37S\_43S/840 PSU W20L150 OC

840 neutral 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		Driver included	Yes
Beam angle of light source	- °	Optic type	Beam angle 84°
Light source color	840 neutral white	Luminaire light beam spread	84°
Light source replaceable	No	Control interface	-
Number of gear units	1 unit	Connection	Connection unit 3-pole
Driver/power unit/transformer	Power supply unit	Cable	Cable with connector 3-pole

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Protection class IEC	Safety class I
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	35
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Service tag	No
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	15.3 A
Inrush time	0.29 ms
Power Factor (Min)	0.9

### Controls and dimming

Dimmable	No
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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	1430 mm
Overall width	200 mm
Overall height	68.5 mm
Color	White

Dimensions (Height x Width x Depth)	69 x 200 x 1430 mm
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### 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	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Initial input power	31 W
Power consumption tolerance	+/-10%

### Over time performance (IEC compliant)

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

### 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

### Product data

Full product code	871951451238200
Order product name	SM136V 31S_37S_43S/840 PSU W20L150 OC
EAN/UPC - Product	8719514512382
Order code	911401882481
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401882481
Net Weight (Piece)	4.100 kg





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## Photometric data

