



# CoreLine Surface-mounted

## SM134V LED37S/840 PSU W20L120 OC

Coreline Surface - 840 neutral white - Power supply unit

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch. Coreline Surface Mounted also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

### Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so 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 and product warranty will become void

### Product data

General Information		Control interface	
Light source colour	840 neutral white	Control interface	-
Light source replaceable	No	Connection	Push-in connector and pull relief
Number of gear units	1 unit	Cable	-
Driver/power unit/transformer	PSU [ Power supply unit]	Protection class IEC	Safety class I
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 30 s
Optic type	WB [ Wide beam]	Flammability mark	F [ For mounting on normally flammable surfaces]
Luminaire light beam spread	81°	CE mark	CE mark

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

### 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

### 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	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm
Colour	White
Dimensions (height x width x depth)	47 x 197 x 1170 mm (1.9 x 7.8 x 46.1 in)

### 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	121 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	30.5 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5%
Lumen maintenance at median useful life* 50,000 h	L75

### Application Conditions

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

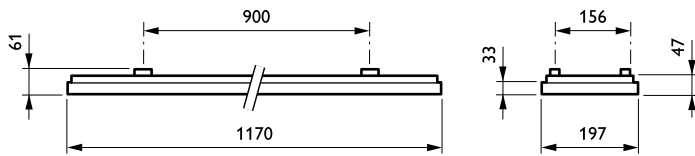
### Product Data

Full product code	871869934882300
Order product name	SM134V LED375/840 PSU W20L120 OC
EAN/UPC – product	8718699348823
Order code	34882300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925864841
SAP net weight (piece)	3.400 kg



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### Dimensional drawing



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