



# CoreLine surface-mounted

## SM134V LED37S/840 W20L120 IA1 OC

CoreLine surface-mounted, 35.4 W, 1200x200 mm, 3700 lm, 4000 K, Wireless, Interact Ready, UGR19

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		Value ladder	Performance
Light source replaceable	No	Embedded control	Interact SNS210 sensor
Number of gear units	Unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Product family code	SM134V [Coreline Surface]	Flammability mark	For mounting on normally flammable surfaces
Connectivity	Interact Ready	ENEC mark	ENEC mark
Lighting Technology	LED		

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Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

### Light Technical

Luminous Flux	3,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	104.5 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified Glare Rating (CEN)	19

### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	35.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

### Temperature

Ambient temperature range	+10 to +40 °C
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### Controls and Dimming

Dimmable	Wireless Dim
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Wireless
Constant light output	No

### Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Textured

Overall length	1,170 mm
Overall width	197 mm
Overall height	47 mm
Dimensions (height x width x depth)	47 x 197 x 1170 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-8%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life	5 %
50,000 h	
Lumen maintenance at median useful life*	L75
50,000 h	

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Order product name	SM134V LED37S/840 W20L120 IA1 OC
Full product name	SM134V LED37S/840 W20L120 IA1 OC
Full EOC	871869699663800
Order code	99663800
Material no. (12 NC)	910925865184
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696996638
Numerator – packs per outer box	1
EAN/UPC – Case	8718696996638

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### Dimensional drawing

