



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.

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			
Light source replaceable	No	CE mark	Yes
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
Service tag	Yes	ENEC mark	ENEC mark
Product family code	SM134V [Coreline Surface]	Glow-wire test	Temperature 850 °C, duration 30 s
Connectivity	Interact Ready	EU RoHS compliant	Yes
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	3,700 lm
Embedded control	Interact SNS210 sensor		

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104.5 lm/W
Color rendering index (CRI)	≥80
Light source color	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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover 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 5000 h	1 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

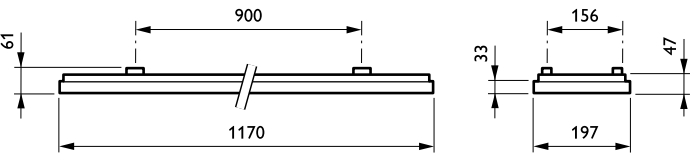
Application Conditions

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 product code	871869699663800
Order code	99663800
Material Nr. (12NC)	910925865184
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696996638
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696996638

Dimensional drawing



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