



CoreLine surfacemounted

SM134V LED37S/840 W20L120 IA1 NOC

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

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 IPXO 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 flammal
Connectivity	Interact Ready		surfaces
Lighting Technology	LED	ENEC mark	ENEC mark

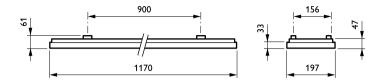
CoreLine surface-mounted

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	93°	
Unified Glare Rating (CEN)	22	
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	
Controls and Dimming		
Dimmable		
	Wireless Dim	
Driver/power unit/transformer	Wireless Dim Power supply unit regulating external	
Driver/power unit/transformer Control interface		
	Power supply unit regulating external	
Control interface	Power supply unit regulating external Wireless	
Control interface	Power supply unit regulating external Wireless	
Control interface Constant light output	Power supply unit regulating external Wireless	
Control interface Constant light output Mechanical and Housing	Power supply unit regulating external Wireless No	
Control interface Constant light output Mechanical and Housing Housing material	Power supply unit regulating external Wireless No Steel	
Control interface Constant light output Mechanical and Housing Housing material Reflector material	Power supply unit regulating external Wireless No Steel Polycarbonate	
Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material	Power supply unit regulating external Wireless No Steel Polycarbonate Polycarbonate	
Control interface Constant light output Mechanical and Housing Housing material Reflector material Optic material Optic aterial	Power supply unit regulating external Wireless No Steel Polycarbonate Polycarbonate	

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	
Due duet Dete		
Product Data		
Order product name	SM134V LED37S/840 W20L120 IA1 NOC	
Full product name	SM134V LED37S/840 W20L120 IA1 NOC	
Full EOC	871869699662100	
Order code	99662100	
Material no. (12 NC)	910925865183	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696996621	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696996621	

CoreLine surface-mounted

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 4 - data subject to change