



CoreLine surfacemounted

SM134V LED27S/830 PSD W20L120 NOC

CoreLine surface-mounted, 30.5 W, 1200x200 mm, 2700 lm, 3000 K, DALI

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			statistically there is no relevant difference in
Light source replaceable	No		lumen maintenance between the B50 and,
Number of gear units	Unit		for example, the B10. Therefore, the median
Driver included	Yes		useful life (B50) value also represents the
Remarks	*- According to the Lighting Europe		B10 value.
	guidance paper 'Evaluating performance of	Product family code	SM134V [Coreline Surface]
	LED based luminaires – January 2018':	Lighting Technology	LED

CoreLine surface-mounted

Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
	surfaces
ENEC mark	ENEC mark
ENEC mark Glow-wire test	
	ENEC mark

2,700 lm

3000 K

89 lm/W

830 warm white

Wide beam

≥80

93°

22

Fixation material	Steel
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

Polycarbonate

Approval and Application

Optical cover/lens material

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	(0.43, 0.40) SDCM <3

Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 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

i iouuci butu	
Order product name	SM134V LED27S/830 PSD W20L120 NOC
Full product name	SM134V LED27S/830 PSD W20L120 NOC
Full EOC	871869934860100
Order code	34860100
Material no. (12 NC)	910925864819
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348601
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348601

Optic type Luminaire light beam spread

Unified Glare Rating (CEN)

Light source colour

Correlated Colour Temperature

Luminous efficacy (rated) (nom.)

Colour rendering index (CRI)

Light Technical

Luminous Flux

Operating	and	Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	30.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38

в

Temperature

Ambient temperature range

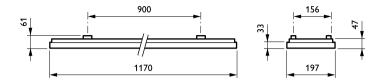
Controls and Dimming

Yes
Power supply unit with DALI interface
DALI
No
Steel
Polycarbonate
Polycarbonate

+10 to +40 °C

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