



CoreLine surfacemounted

SM134V LED37S/830 PSU W20L120 NOC

CoreLine surface-mounted, 34 W, 1200x200 mm, 3700 lm, 3000 K

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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
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.
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED

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

Optical cover/lens material	Polycarbonate
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

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	(0.43, 0.40) SDCM <3

+/-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

Power consumption tolerance

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Troduct Data	
Order product name	SM134V LED37S/830 PSU W20L120 NOC
Full product name	SM134V LED37S/830 PSU W20L120 NOC
Full EOC	871869934853300
Order code	34853300
Material no. (12 NC)	910925864812
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348533
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348533

Light Technical	
Luminous Flux	3,700 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	109 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm 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	8 A
Inrush time	0.06 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24

+10 to +40 °C

в

Temperature

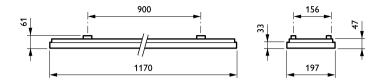
Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing Housing material Steel Reflector material Polycarbonate Optic material Polycarbonate

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Dimensional drawing





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