



CoreLine surfacemounted

SM134V LED37S/840 PSD W20L120 NOC

CoreLine surface-mounted, 35.5 W, 1200x200 mm, 3700 lm, 4000 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.

Warnings and Safety

- The product is IPXO & 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
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces

Datasheet, 2023, August 3 data subject to change

CoreLine surface-mounted

ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Tochnical	
Light Technical	27001
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color rendering index (CRI)	280
Light source color	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	35.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel

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 IRO2 [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) Control gear failure rate at median useful life* 50000 h Lumen maintenance at median useful life* L75 50000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Yes Product Data Order product name SM134V LED375/840 PSD W20L120 NOC Full product name SM134V LED375/840 PSD W20L120 NOC Full product name SM134V LED375/840 PSD W20L120 NOC Full product name SM186934856400 Material Nr. (12NC) 910925864815 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718699348564 Numerator - Packs per outer box 1 EAN/UPC - Case 8718699348564		
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CoreLine surface-mounted

Dimensional drawing





