



# CoreLine surfacemounted

## SM134V LED37S/830 PSD W60L60 NOC

CoreLine surface-mounted, 35.5 W, 600x600 mm, 3700 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	
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	

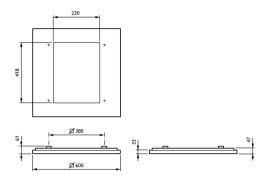
Datasheet, 2023, December 4 data subject to change

# **CoreLine surface-mounted**

Value ladder	Performance	Optical cover/lens material	Polycarbonate
CE mark	Yes	Fixation material	Steel
Warranty period	5 years	Housing Colour	White
Flammability mark	For mounting on normally flammable	Optical cover/lens finish	Textured
	surfaces	Overall length	600 mm
ENEC mark	ENEC mark	Overall width	600 mm
Glow-wire test	Temperature 850 °C, duration 30 s	Overall height	47 mm
EU RoHS compliant	Yes	Dimensions (height x width x depth)	47 x 600 x 600 mm
Light Technical		Approval and Application	
Luminous Flux	3,700 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Colour Temperature	3000 K	Mech. impact protection code	IKO2 [0.2 J standard]
Luminous efficacy (rated) (nom.)	104 lm/W	Sustainability rating	-
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Light source colour	830 warm white		
Optic type	Wide beam	Initial Performance (IEC Compliant)	
Luminaire light beam spread	93°	Luminous flux tolerance	+/-8%
Unified Glare Rating (CEN)	22	Initial chromaticity	(0.43, 0.40) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical			
Input Voltage	220-240 V	Over Time Performance (IEC Compli	ant)
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	5 %
Inrush current	22 A	life 50,000 h	
Inrush time	0.275 ms	Lumen maintenance at median useful life*	L75
Power Consumption	35.5 W	50,000 h	
Power Factor (Fraction)	0.9		
Connection	Push-in connector and pull relief	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type	24	Maximum dim level	1%
В		Suitable for random switching	Yes
Temperature		Product Data	
Ambient temperature range	+10 to +40 ℃	Order product name	SM134V LED37S/830 PSD W60L60 NOC
		Full product name	SM134V LED37S/830 PSD W60L60 NOC
Controls and Dimming		Full EOC	871869934857100
Dimmable	Yes	Order code	34857100
Driver/power unit/transformer	Power supply unit with DALI interface	Material no. (12 NC)	910925864816
Control interface	DALI	SAP numerator – quantity per pack	1
Constant light output	No	EAN/UPC — Product/Case	8718699348571
		Numerator – packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8718699348571
Housing material	Steel		
Reflector material	Polycarbonate		
Optic material	Polycarbonate		

## **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.