



# CoreLine surfacemounted

# SM134V LED27S/830 PSD W60L60 OC

CoreLine surface-mounted, 23 W, 600x600 mm, 2700 lm, 3000 K, DALI, UGR19

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	

# **CoreLine surface-mounted**

Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENER I		
ENEC mark	ENEC mark	
Glow-wire test	ENEC mark Temperature 850 °C, duration 30 s	

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Luminous Flux	2,700 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	117 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified Glare Rating (CEN)	19

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38

+10 to +40 °C

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Temperature

Ambient temperature range

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/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Textured
Overall length	600 mm
Overall width	600 mm
Overall height	47 mm
Dimensions (height x width x depth)	47 x 600 x 600 mm

## Approval and Application

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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% (0.43, 0.40) SDCM <3 Initial chromaticity

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		

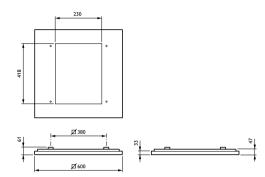
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Product Data

Troduct Data	
Order product name	SM134V LED27S/830 PSD W60L60 OC
Full product name	SM134V LED27S/830 PSD W60L60 OC
Full EOC	871869934866300
Order code	34866300
Material no. (12 NC)	910925864825
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348663
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348663

# **CoreLine surface-mounted**

# Dimensional drawing





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