



CoreLine surfacemounted

SM134V LED37S/840 PSD W60L60 OC

CoreLine surface-mounted, 31.5 W, 600x600 mm, 3700 lm, 4000 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			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

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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 Temperature 850 °C, duration 30 s

Polycarbonate
Steel
White
Textured
600 mm
600 mm
47 mm
47 x 600 x 600 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	(0.38, 0.38) SDCM <3

Initial chromaticity	(0.38, 0.38) 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*	L/5

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

Product Data

Product Data	
Order product name	SM134V LED37S/840 PSD W60L60 OC
Full product name	SM134V LED37S/840 PSD W60L60 OC
Full EOC	871869934861800
Order code	34861800
Material no. (12 NC)	910925864820
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8718699348618
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348618

Light Technical	
Luminous Flux	3,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	117 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified Glare Rating (CEN)	19
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	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24

+10 to +40 °C

в

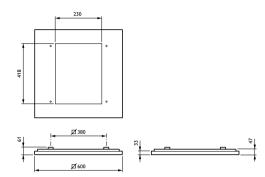
Temperature

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

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Dimensional drawing





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