



# CoreLine surfacemounted

## SM134V LED37S/840 PSU W60L60 ELB3 NOC

CoreLine surface-mounted, 38 W, 600x600 mm, 3700 lm, 4000 K, ELB3h

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

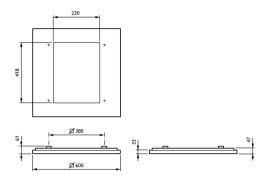
# **CoreLine surface-mounted**

Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	97 lm/W
Colour rendering index (CRI)	≥80
Light source colour	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	8 A
Inrush time	0.06 ms
Power Consumption	38 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 Disserting	
Controls and Dimming	Na
Dimmable  Driver (constraint)	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
	Steel
Housing material  Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical covery tens material	i otycarbonate

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	
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
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
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
Suitable for random switching	Yes
Product Data	
Order product name	SM134V LED37S/840 PSU W60L60 ELB3
Order product name	NOC
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Order product name  Full product name  Full EOC  Order code	NOC SM134V LED37S/840 PSU W60L60 ELB3 NOC 871869934871700 34871700
Order product name  Full product name  Full EOC  Order code  Material no. (12 NC)	NOC SM134V LED37S/840 PSU W60L60 ELB3 NOC 871869934871700 34871700 910925864830
Order product name  Full product name  Full EOC  Order code  Material no. (12 NC)  SAP numerator – quantity per pack	NOC SM134V LED37S/840 PSU W60L60 ELB3 NOC 871869934871700 34871700 910925864830
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## **CoreLine surface-mounted**

### Dimensional drawing





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