



# CoreLine surfacemounted

## SM134V LED37S/840 PSD W60L60 ELB3 OC

CoreLine surface-mounted, 35 W, 600x600 mm, 3700 lm, 4000 K, DALI, UGR19, 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

### **CoreLine surface-mounted**

Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	surfaces ENEC mark
ENEC mark Glow-wire test	
	ENEC mark

3,700 lm

4000 K

≥80

106 lm/W

840 neutral white

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**

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%

<b>Over Time Performance</b>	(IEC Compliant)
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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 ℃

Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes

### **Product Data**

Order product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Full product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Full EOC	871869934873100
Order code	34873100
Material no. (12 NC)	910925864832
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699348731
Numerator – packs per outer box	1
EAN/UPC - Case	8718699348731

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	35 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief

### В

Cable

**Light Technical** 

Light source colour

Correlated Colour Temperature

Luminous efficacy (rated) (nom.)

Colour rendering index (CRI)

Luminous Flux

Temperature

Ambient temperature range

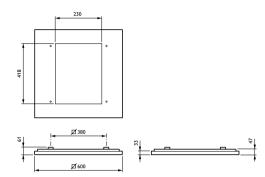
Number of products on MCB of 16 A type 24

#### 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

+10 to +40 °C

## **CoreLine surface-mounted**

### Dimensional drawing





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