



# CoreLine surfacemounted

## SM134V LED27S/840 PSD W60L60 ELB3 OC

CoreLine surface-mounted, 25.5 W, 600x600 mm, 2700 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	

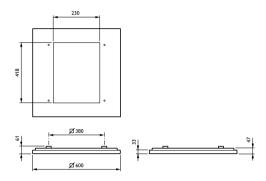
Datasheet, 2023, December 4 data subject to change

# **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	2,700 lm	Ingress protection code	IP20 [Finger-protected]
Correlated Colour Temperature	4000 K	Mech. impact protection code	IKO2 [0.2 J standard]
Luminous efficacy (rated) (nom.)	106 lm/W	Sustainability rating	-
Colour rendering index (CRI)	≥80	Protection class IEC	Safety class I
Light source colour	840 neutral white		
Optic type	Wide beam	Initial Performance (IEC Compliant	)
Luminaire light beam spread	81°	Luminous flux tolerance	+/-8%
Unified Glare Rating (CEN)	19	Initial chromaticity	(0.38, 0.38) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical			
Input Voltage	220-240 V	Over Time Performance (IEC Comp	liant)
Line Frequency	50 to 60 Hz	Control gear failure rate at median usefu	<b>l</b> 5%
Inrush current	14.7 A	life 50,000 h	
Inrush time	0.25 ms	Lumen maintenance at median useful	L75
Power Consumption	25.5 W	life* 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	38	Maximum dim level	1% (no dimming in emergency mode)
В		Suitable for random switching	Yes
Temperature		Product Data	
Ambient temperature range	+10 to +40 °C	Order product name	SM134V LED27S/840 PSD W60L60 ELB3 OC
		Full product name	SM134V LED27S/840 PSD W60L60 ELB3 OC
Controls and Dimming		Full EOC	871869934874800
Dimmable	Yes	Order code	34874800
Driver/power unit/transformer	Power supply unit with DALI interface	Material no. (12 NC)	910925864833
Control interface	DALI	SAP numerator – quantity per pack	1
Constant light output	No	EAN/UPC — Product/Case	8718699348748
		Numerator – packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8718699348748
Housing material	Steel		
Reflector material	Polycarbonate		
Optic material	Polycarbonate		

## **CoreLine surface-mounted**

### Dimensional drawing





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