



# CoreLine surfacemounted

# SM134V LED27S/840 PSD W60L60 ELB3 OC

CoreLine surface-mounted, 25.5 W, 600x600 mm, 2700 lm, 4000 K, DALI, UGR19, ELB3h

Philips CoreLine surface-mounted light fixtures deliver on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. These high-quality LEDs are designed to replace existing surface-mounted luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving surface LED light solution. With a quick-connector feature, our SM136V surface-mounted luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

## **Warnings and Safety**

- The product is IPXO & as such is not protected against water ingress & as such 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 & product warranty will become void

#### **Product data**

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
-	

\*-Per Lighting Europe guidance paper

"Evaluating performance of LED based
luminaires - January 2018": statistically there
is no relevant difference in lumen
maintenance between B50 and for example

Datasheet, 2023, December 4 data subject to change

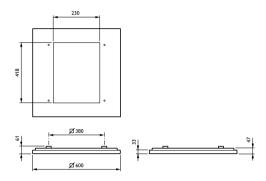
# **CoreLine surface-mounted**

	B10. Therefore, the median useful life
	value also represents the B10 value.
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
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	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81°
Jnified glare rating CEN	19
Operating and Electrical Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	25.5 W
	0.9
Power Factor (Fraction)	
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type  B	38
5	
Ambient temperature range	+10 to +40 °C
	-10 10 140 C
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 material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	10/ (no discusios in apparator y socials)
	1% (no dimming in emergency mode)
Suitable for random switching	Yes
Suitable for random switching	
Product Data	
	Yes
Product Data	Yes
Product Data Order product name	Yes SM134V LED27S/840 PSD W60L60 ELB3 OC
Product Data Order product name Full product name	Yes  SM134V LED27S/840 PSD W60L60 ELB3 OC  SM134V LED27S/840 PSD W60L60 ELB3 OC
Product Data Order product name Full product name Full product code	Yes  SM134V LED27S/840 PSD W60L60 ELB3 OC SM134V LED27S/840 PSD W60L60 ELB3 OC 871869934874800
Product Data Order product name Full product code Order code	Yes  SM134V LED27S/840 PSD W60L60 ELB3 OC SM134V LED27S/840 PSD W60L60 ELB3 OC 871869934874800 910925864833
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Yes  SM134V LED27S/840 PSD W60L60 ELB3 OC  SM134V LED27S/840 PSD W60L60 ELB3 OC  871869934874800  910925864833  910925864833
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## **CoreLine surface-mounted**

### Dimensional drawing





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