

CoreLine surfacemounted

SM134V LED37S/840 PSD W60L60 ELB3 NOC

CoreLine surface-mounted, 39 W, 600x600 mm, 3700 lm, 4000 K, DALI, 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

Remarks

*-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

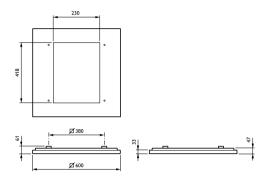
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	B10. Therefore, the median useful life
	value also represents the B10 value.
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting 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	3,700 lm
Correlated Color Temperature (Nom)	4000 K
	95 lm/W
Luminous Efficacy (rated) (Nom)	95 till/ W ≥80
Color rendering index (CRI)	
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Jnified glare rating CEN	
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	39 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	
•	+10 to +40 °C
Ambient temperature range	+10 t0 +40 C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mochanical and Hausing	
Mechanical and Housing	Stool
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 Compliant)		
Control gear failure rate at median useful		
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful		
Control gear failure rate at median useful life 50000 h	5%	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5%	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	5 % L75	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	5 % L75 25 ℃	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	5 % L75 25 °C 1% (no dimming in emergency mode)	
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	5 % L75 25 °C 1% (no dimming in emergency mode)	
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Dimensional drawing





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