



CoreLine surfacemounted

SM134V LED37S/840 PSU W60L60 OC

CoreLine surface-mounted, 30.5 W, 600x600 mm, 3700 lm, 4000 K, UGR19

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

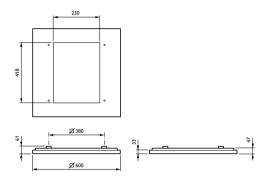
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	B10. Therefore, the median useful life (B50
Camina to a	value also represents the B10 value.
Service tag	Yes CM124V (Coveline Curfose)
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty 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
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
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	19 A
Inrush time	0.28 ms
	30.5 W
Power Consumption	0.9
Power Factor (Fraction) Connection	
Cable	Push-in connector and pull relief
Number of products on MCB of 16 A type	24
B	<u> </u>
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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 Complia	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L75
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Order product name	SM134V LED37S/840 PSU W60L60 OC
Full product name	SM134V LED37S/840 PSU W60L60 OC
Full product code	871869934881600
Order code	910925864840
Material Nr. (12NC)	910925864840
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348816
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699348816

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Dimensional drawing





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