



# CoreLine surfacemounted

# SM134V LED37S/840 PSD W60L60 NOC

CoreLine surface-mounted, 35.5 W, 600x600 mm, 3700 lm, 4000 K, DALI

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

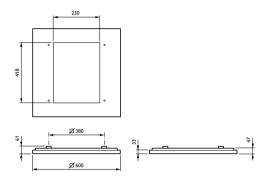
# **CoreLine surface-mounted**

	B10. Therefore, the median useful life
Coming to	value also represents the B10 value.
Service tag	Yes CM12 4V (Cavalina Curface)
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
ENEC mode	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)	104 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Jnified glare rating CEN	22
Operating and Electrical	
nput Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	35.5 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	
Ambient temperature range	+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
Mechanical and Housing	
	Steel
Constant light output  Mechanical and Housing  Housing Material	No 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	IKO2 [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 %
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*	5%
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	25 °C 1%
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  Suitable for random switching	25 °C 1%
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  Product Data	25 °C 1% Yes
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  Product Data  Order product name	5 %  L75  25 °C  1%  Yes  SM134V LED37S/840 PSD W60L60 NOC
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## **CoreLine surface-mounted**

### Dimensional drawing





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