



# CoreLine surfacemounted

# SM134V LED37S/830 PSD W60L60 OC

CoreLine surface-mounted, 31.5 W, 600x600 mm, 3700 lm, 3000 K, DALI, 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		Remarks	*-Per Lighting Europe guidance paper
Light source replaceable	No		"Evaluating performance of LED based
Number of gear units	1 unit		luminaires - January 2018": statistically there
Driver included	Yes		is no relevant difference in lumen
			maintenance between B50 and for example

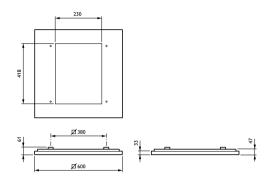
## **CoreLine surface-mounted**

	B10. Therefore, the median useful life (B50)
Somico tag	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 Tochnicol	
Light Technical Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	3,700 lm
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm 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	22 A
Inrush time	0.275 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Control interface Constant light output	No

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	
	47 mm	
Overall height		
Dimensions (Height x Width x Depth)	47 x 600 x 600 mm	
Approval and Application		
	ID20 [Finger protected]	
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	(0.43, 0.40) 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		
A 12 12 10 101		
Application Conditions		
Performance ambient temperature Tq	25 °C	
	25 °C 1%	
Performance ambient temperature Tq		
Performance ambient temperature Tq Maximum dim level	1%	
Performance ambient temperature Tq Maximum dim level	1%	
Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Yes	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	1% Yes SM134V LED375/830 PSD W60L60 OC	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	1% Yes SM134V LED375/830 PSD W60L60 OC SM134V LED375/830 PSD W60L60 OC	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	1% Yes SM134V LED37S/830 PSD W60L60 OC SM134V LED37S/830 PSD W60L60 OC 871869934865600	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	1% Yes SM134V LED375/830 PSD W60L60 OC SM134V LED375/830 PSD W60L60 OC 871869934865600 910925864824	
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	1% Yes SM134V LED375/830 PSD W60L60 OC SM134V LED375/830 PSD W60L60 OC 871869934865600 910925864824 910925864824 1	
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## **CoreLine surface-mounted**

## Dimensional drawing





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