



# CoreLine surfacemounted

## SM134V LED37S/840 PSD W60L60 ELB3 OC

CoreLine surface-mounted, 35 W, 600x600 mm, 3700 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		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

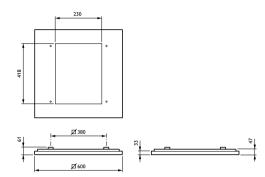
## **CoreLine surface-mounted**

	B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Service tag	Yes	
Service tag		
Product family code Lighting Technology	SM134V [Coreline Surface]	
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 Tochnical		
Light Technical	2 700 lm	
Luminous Flux	3,700 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°	
Unified glare rating CEN	19	
Operating and Electrical		
Operating and Electrical	220.240.1/	
Input Voltage	220-240 V	
Line Frequency Inrush current	50 to 60 Hz	
Inrush time	0.275 ms	
Power Consumption	35 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		
Tomporaturo		
Temperature	+10 to +40 °C	
Ambient temperature range	10 10 140 C	
Controls and Dimming		
Dimmable	Voc	
	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	
Constant light output	No	
Machanical and Housing		
Mechanical and Housing		
Housing Material	Steel	

	Delveevkenete
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 ℃
Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes
Product Data	
Order product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Full product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Full product code	871869934873100
Order code	910925864832
Material Nr. (12NC)	910925864832
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348731
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699348731

### **CoreLine surface-mounted**

#### Dimensional drawing





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