



CoreLine surfacemounted

SM134V LED37S/840 PSU W20L120 OC

CoreLine surface-mounted, 30.5 W, 1200x200 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		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

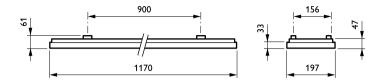
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	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value.	
Service tag	Yes	
Product family code	SM134V [Coreline Surface]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability 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	
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	
Power Consumption	30.5 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	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Constant light output	No	
Mechanical and Housing		
Housing Material	Steel	

Deflector material	Polycarbonato	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Textured	
Overall length	1,170 mm	
Overall width	197 mm	
Overall height	47 mm	
Dimensions (Height x Width x Depth)	47 x 197 x 1170 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 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	SM134V LED37S/840 PSU W20L120 OC	
Full product name	SM134V LED37S/840 PSU W20L120 OC	
Full product code	871869934882300	
Order code	910925864841	
Material Nr. (10NC)	910925864841	
Material Nr. (12NC)		
Numerator - Quantity Per Pack	1	
	1 8718699348823	
Numerator - Quantity Per Pack		

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Dimensional drawing





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