CoreLine surface-mounted

SM134V LED37S/830 PSU W20L120 OC

CoreLine surface-mounted, 34.5 W, 1200x200 mm, 3700 lm, 3000 K, UGR19

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety
- The product is IPX0 & 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
Remarks	*-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

	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

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ENEC mark	ENEC mark		**Housing Color**	White
Glow-wire test	Temperature 850 °C, duration 30 s		**Optical cover finish**	Textured
EU RoHS compliant	Yes		**Overall length**	1,170 mm
			Overall width	197 mm
			Overall height	47 mm
Light Technical			**Dimensions (Height x Width x Depth)**	47 x 197 x 1170 mm
Luminous Flux	3,700 lm			
Correlated Color Temperature (Nom)	3000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	107 lm/W		**Ingress protection code**	IP20 [Finger-protected]
Color rendering index (CRI)	≥80		**Mech. impact protection code**	IK02 [0.2 J standard]
Light source color	830 warm white		**Sustainability rating**	–
Optic type	Wide beam		**Protection class IEC**	Safety class I
Luminaire light beam spread	81°			
Unified glare rating CEN	19		**Initial Performance (IEC Compliant)**	
			Luminous flux tolerance	+/-8%
Operating and Electrical			**Initial chromaticity**	(0.43, 0.40) SDCM <3
Input Voltage	220-240 V		**Power consumption tolerance**	+/-10%
Line Frequency	50 to 60 Hz			
Inrush current	19 A		**Over Time Performance (IEC Compliant)**	
Inrush time	0.28 ms		**Control gear failure rate at median useful life 50000 h**	5 %
Power Consumption	34.5 W			
Power Factor (Fraction)	0.9		**Lumen maintenance at median useful life* 50000 h**	L75
Connection	Push-in connector and pull relief			
Cable	–			
Number of products on MCB of 16 A type B	24		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Suitable for random switching**	Yes
Ambient temperature range	+10 to +40 °C			
			Product Data	
Controls and Dimming			**Order product name**	SM134V LED37S/830 PSU W20L120 OC
Dimmable	No		**Full product name**	SM134V LED37S/830 PSU W20L120 OC
Driver/power unit/transformer	Power supply unit (On/Off)		**Full product code**	871869934884700
Constant light output	No		**Order code**	34884700
			Material Nr. (12NC)	910925864843
Mechanical and Housing			**Numerator – Quantity Per Pack**	1
Housing Material	Steel		**EAN/UPC – Product/Case**	8718699348847
Reflector material	Polycarbonate		**Numerator – Packs per outer box**	1
Optic material	Polycarbonate		**EAN/UPC – Case**	8718699348847
Optical cover material	Polycarbonate			
Fixation material	Steel			

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Dimensional drawing

900

1170

61

156

197

33

47