



CoreLine Surface-mounted

SM134V LED37S/830 PSU W20L120 OC

Coreline Surface - 830 warm white - Power supply unit

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. ;InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product data

General Information			
Light source color	830 warm white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit	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.
Driver included	Yes	Constant light output	No
Optic type	Wide beam	Number of products on MCB of 16 A type B	24
Luminaire light beam spread	81°	RoHS mark	RoHS mark
Control interface	-	Product family code	SM134V [Coreline Surface]
Connection	Push-in connector and pull relief		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 30 s		
Flammability mark	For mounting on normally flammable surfaces		

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Unified glare rating CEN	19
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Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1170 mm
Overall width	197 mm
Overall height	47 mm
Color	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3700 lm
Luminous flux tolerance	+/-8%

Initial LED luminaire efficacy	107 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	34.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

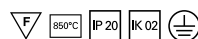
Control gear failure rate at median useful life	5 %
life 50000 h	
Lumen maintenance at median useful life*	L75
50000 h	

Application Conditions

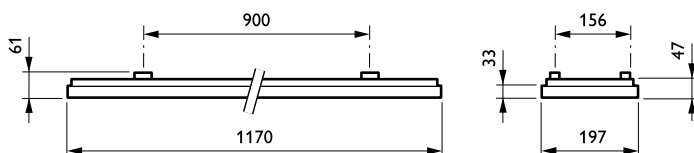
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869934884700
Order product name	SM134V LED37S/830 PSU W20L120 OC
EAN/UPC - Product	8718699348847
Order code	910925864843
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864843
Net Weight (Piece)	3.400 kg



Dimensional drawing



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