



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.

Product data

General Information		Warranty period	
Light source colour	830 warm white	Warranty period	5 years
Light source replaceable	No	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.
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSU [Power supply unit]	Number of products on MCB	24
Driver included	Yes	RoHS mark	RoHS mark
Optic type	WB [Wide beam]	Product Family Code	SM134V [Coreline Surface]
Luminaire light beam spread	81°	Unified glare rating CEN	19
Control interface	-	Operating and Electrical	
Connection	PIP [Push-in connector and pull relief]	Input voltage	220 to 240 V
Cable	-	Input frequency	50 to 60 Hz
Protection class IEC	Safety class I (I)		
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]		
Flammability mark	F [For mounting on normally flammable surfaces]		
CE mark	CE mark		
ENEC mark	ENEC mark		

CoreLine Surface-mounted

Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
----------	----

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
Colour	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	3700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. colour temperature	3000 K

Init. colour 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 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

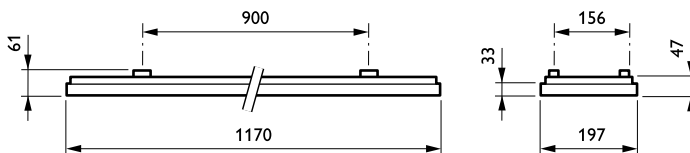
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871869934884700
Order product name	SM134V LED37S/830 PSU W20L120 OC
EAN/UPC – product	8718699348847
Order code	34884700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864843
Net weight (piece)	3.400 kg



Dimensional drawing



CoreLine Surface-mounted SM134V

CoreLine Surface-mounted

