CoreLine Surface-mounted

SM120V LED37S/830 PSU W60L60 VAR-PC

Coreline Surface - LED Module, system flux 3700 lm - 830 warm white - Power supply unit - Width 0.60 m, length 0.60 m - Variable linear-lens array in polycarbonate cover

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

Number of light sources	2 pcs
Lamp family code	LED37S [LED Module, system flux 3700 lm]
Light source color	830 warm white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Variable linear-lens array in polycarbonate cover
Luminaire light beam spread	75°

Emergency lighting	-
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
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years + 2 years upon registration
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark

CoreLine Surface-mounted

Product family code	SM120V [Coreline Surface]

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

Mechanical and Housing

Geometry	Width 0.60 m, length 0.60 m
Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	36 mm

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	+/-10%

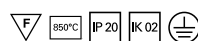|	
Initial LED luminaire efficacy	106 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.43, 0.40) SDCM <3
Initial input power	34.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

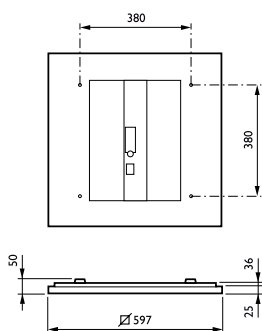|	
Driver failure rate at 5000 h	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869634786700
Order product name	SM120V LED37S/830 PSU W60L60 VAR-PC
EAN/UPC - Product	8718696347867
Order code	910925863375
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863375
Net Weight (Piece)	3.700 kg

Dimensional drawing

CoreLine Surface-mounted SM120V

www.lighting.philips.com

2017, May 2 - data subject to change