PHILIPS Lighting



CoreLine surfacemounted

SM120V LED27S/840 PSD W60L60 VAR-PC

Coreline Surface, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface, Variable linear-lens array in polycarbonate cover

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	
Lamp family code	LED27S [LED Module, system flux 2700 lm]
Cap-Base	- [-]
Light source replaceable	No

Number of gear units	1 unit
Gear	-
Driver included	Yes

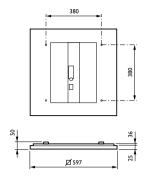
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*-Per Lighting Europe guidance paper
"Evaluating performance of LED based
luminaires - January 2018": statistically there
is no relevant difference in lumen maintenance
between B50 and for example B10. Therefore,
the median useful life (B50) value also
represents the B10 value.
SM120V [Coreline Surface]
LED
Performance
Yes
3 years + 2 years upon registration
For mounting on normally flammable surfaces
ENEC mark
Temperature 850 °C, duration 30 s
Yes
2,700 lm
4000 K
120 lm/W
≥80
2
840 neutral white
Wide beam
Variable linear-lens array in polycarbonate
cover
75°
Not applicable
220 to 240 V
50 to 60 Hz
14.7 A
0.25 ms
21.9 W
0.9
Push-in connector and pull relief
-
38
+10 to +40 °C
+10 to +40 °C
+10 to +40 °C
+10 to +40 °C Yes

Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	36 mm
Dimensions (Height x Width x Depth)	36 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	SM120V LED27S/840 PSD W60L60 VAR-PC
Full product name	SM120V LED27S/840 PSD W60L60 VAR-PC
Full product code	871829126653200
Order code	910501996603
Material Nr. (12NC)	910501996603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291266532
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291266532

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Dimensional drawing





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