PHILIPS Lighting



CoreLine surfacemounted

SM120V LED34S/840 PSD W60L60 VAR-PC

Coreline Surface, LED module, system flux 3400 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	LED34S [LED module, system flux 3400 lm]
Cap-Base	- [-]
Light source replaceable	No

Number of gear units	1 unit
Gear	-
Driver included	Yes

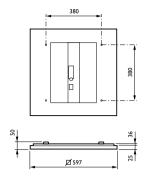
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Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen maintenance
	between B50 and for example B10. Therefore,
	the median useful life (B50) value also
	represents the B10 value.
Product family code	SM120V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Variable linear-lens array in polycarbonate
	cover
Luminaire light beam spread	75°
Unified glare rating CEN	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	27.9 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A	24
type B	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	

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 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	SM120V LED34S/840 PSD W60L60 VAR-PC
Full product name	SM120V LED34S/840 PSD W60L60 VAR-PC
Full product code	871829126652500
Order code	910501996503
Material Nr. (12NC)	910501996503
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291266525
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291266525

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Dimensional drawing





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