



CoreLine surfacemounted

SM120V LED34S/830 PSD W60L60 VAR-PC

Coreline Surface, LED module, system flux 3400 lm, 830 warm white, Power supply unit with DALI interface, Variable linearlens 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.

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	-	Product
Driver included	Yes	Lighting
Remarks	*-Per Lighting Europe guidance paper	Value lao
	"Evaluating performance of LED based	CE mark

	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.	
roduct family code	SM120V [Coreline Surface]	
ighting Technology	LED	
alue ladder	Performance	
E mark	Yes	

CoreLine surface-mounted

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)	3000 K
Luminous Efficacy (rated) (Nom)	113 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	830 warm 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	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

DALI

No

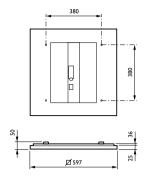
Mechanical and Housing	
Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	36 mm
Dimensions (Height x Width 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	(0.43, 0.40) 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 LED34S/830 PSD W60L60 VAR-PC
Full product name	SM120V LED34S/830 PSD W60L60 VAR-PC
Full product code	871829126660000
Order code	26660000
Material Nr. (12NC)	910501997303
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291266600
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291266600

Control interface

Constant light output

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Dimensional drawing





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