



CoreLine surfacemounted

SM120V LED37S/840 PSD W60L60

Coreline Surface, LED Module, system flux 3700 lm, 840 neutral white, Power supply unit with DALI interface

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.Coreline Surface Mounted also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPXO and as such is not protected against water ingress, so 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 and product warranty will become void

Product data

General Information		Remarks	*- According to the Lighting Europe guidance
Lamp family code	LED37S [LED Module, system flux 3700 lm]		paper 'Evaluating performance of LED based
Cap base	- [-]		luminaires – January 2018': statistically there
Light source replaceable	No		is no relevant difference in lumen
Number of gear units	Unit		maintenance between the B50 and, for
Gear	-		example, the B10. Therefore, the median
Driver included	Yes		

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	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	3,700 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	104 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	Wide beam
Optical cover type	Polycarbonate linear satinised
Luminaire light beam spread	86°
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	35.3 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-

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Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI

+10 to +40 °C

Constant light output	No	
Mechanical and Housing		
Housing material	Steel	
Reflector material	Steel	
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Fixation material	Steel	
Housing Colour	White	
Optical cover/lens 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 LED37S/840 PSD W60L60	
Full product name	SM120V LED37S/840 PSD W60L60	
Full EOC	871829126822200	
Order code	26822200	
Material no. (12 NC)	910501989703	
SAP numerator – quantity per pack	1	

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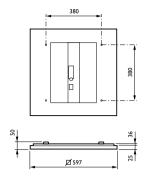
EAN/UPC - Product/Case

EAN/UPC - Case

Numerator – packs per outer box

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Dimensional drawing





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