



# CoreLine surface-mounted

## SM120V LED27S/840 PSD W60L60 EL3

Coreline Surface, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface, Emergency lighting 3 hours duration

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 IPX0 & 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]	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.	
Cap-Base	- [-]		
Light source replaceable	No		
Number of gear units	1 unit		
Gear	-		
Driver included	Yes	Product family code	SM120V [Coreline Surface]
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based	Lighting Technology	LED
		Value ladder	Performance
		CE mark	Yes

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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	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	81 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	Polycarbonate linear satinized
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	14.7 A
Inrush time	0.25 ms
Power Consumption	30.3 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	38

### Temperature

Ambient temperature range	+10 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

### Mechanical and Housing

Housing Material	Steel
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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 Compliant)

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 LED27S/840 PSD W60L60 EL3
Full product name	SM120V LED27S/840 PSD W60L60 EL3
Full product code	871869632077800
Order code	32077800
Material Nr. (12NC)	910925863282
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696320778
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696320778

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### Dimensional drawing

