



# CoreLine surface-mounted

## SM134V LED27S/830 PSD W20L120 OC

CoreLine surface-mounted, 23 W, 1200x200 mm, 2700 lm, 3000 K, DALI, UGR19

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		
Light source replaceable	No	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Number of gear units	1 unit	Service tag
Driver included	Yes	Yes
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	Product family code
		SM134V [Coreline Surface]
		Lighting Technology
		LED
		Value ladder
		Performance
		CE mark
		Yes
		Warranty period
		5 years
		Flammability mark
		For mounting on normally flammable surfaces

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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)	3000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	81°
Unified glare rating CEN	19

### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	23 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
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel

Housing Color	White
Optical cover finish	Textured
Overall length	1,170 mm
Overall width	197 mm
Overall height	47 mm
Dimensions (Height x Width x Depth)	47 x 197 x 1170 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-8%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Order product name	SM134V LED27S/830 PSD W20L120 OC
Full product name	SM134V LED27S/830 PSD W20L120 OC
Full product code	871869934868700
Order code	34868700
Material Nr. (12NC)	910925864827
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699348687
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699348687

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### Dimensional drawing

