



# CoreLine surfacemounted

## SM134V LED27S/840 PSU W20L120 NOC

CoreLine surface-mounted, 27 W, 1200x200 mm, 2700 lm, 4000 K

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			B10. Therefore, the median useful life (B50)
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	SM134V [Coreline Surface]
Remarks	*-Per Lighting Europe guidance paper	Lighting Technology	LED
	"Evaluating performance of LED based	Value ladder	Performance
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example	Flammability mark	For mounting on normally flammable
			surfaces

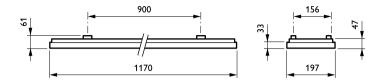
## **CoreLine surface-mounted**

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)	100 lm/W	
Color rendering index (CRI)	≥80	
Light source color	840 neutral white	
Optic type	Wide beam	
Luminaire light beam spread	93°	
Unified glare rating CEN	22	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Inrush current	5.3 A	
Inrush time	0.07 ms	
Power Consumption	27 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type	24	
В		
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
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 Power consumption tolerance	(0.38, 0.38) SDCM <3 +/-10%	
Over Time Performance (IEC Complia Control gear failure rate at median useful life 50000 h		
Lumen maintenance at median useful life* 50000 h	L75	
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	SM134V LED27S/840 PSU W20L120 NOC	
Full product name	SM134V LED27S/840 PSU W20L120 NOC	
Full product code	871869934876200	
Order code	34876200	
Material Nr. (12NC)	910925864835	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699348762	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699348762	

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#### Dimensional drawing





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