



CoreLine surfacemounted

SM136V 31S_37S_43S/840 PSU W20L120 OC

CoreLine surface-mounted, All-in, 31 W, 22 W, 1200x200 mm, 3100 lm, 3700 lm, 4300 lm, 4000 K, UGR19

Philips CoreLine surface-mounted light fixtures deliver on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. These high-quality LEDs are designed to replace existing surface-mounted luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving surface LED light solution. With a quick-connector feature, our SM136V surface-mounted luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

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		Lighting Technology	LED
Light source replaceable	No	Value ladder	Performance
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	-
Service tag	Yes		

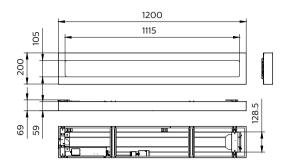
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Light Technical		
Luminous Flux	3,100 3,700 4,300 lm	
Saturated Red (R9)	<50	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	140 lm/W	
	>80	
Color rendering index (CRI) Light source color	840 neutral white	
Optic type		
Luminaire light beam spread	Beam angle 84° 84°	
	19	
Unified glare rating CEN All-in Type	All-in, Multi Lumen	
Ац-штуре	Att-III, Mutti Lumen	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Inrush current	15.3 A	
Inrush time	0.29 ms	
Power Consumption	31 22 W	
Power Factor (Fraction)	0.9	
Connection	Connection unit 3-pole	
Cable	Cable with connector 3-pole	
Number of products on MCB of 16 A type B	35	
Suitable for random switching	Yes	
Protection class IEC	Safety class I	
Total harmonic distortion	20 %	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	No	
Control interface	Power supply unit (On/Off)	
Constant light output	No	
	NO	
Mechanical and Housing		
Housing Material	Steel	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polymethyl methacrylate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Microprismatic lens	
Overall length	1,200 mm	
Overall width	200 mm	
Overall height		
	68.5 mm	
Dimensions (Height x Width x Depth)	68.5 mm 69 x 200 x 1200 mm	
Dimensions (Height x Width x Depth) Ingress protection code		

Mech. impact protection code	IK03 [0.3 J]	
Net Weight (Piece)	3.800 kg	
Approval and Application		
Glow-wire test	Temperature 650 °C, duration 30 s	
Flammability mark	For mounting on normally flammable	
	surfaces	
CE mark	Yes	
ENEC mark	ENEC mark	
Photobiological risk	Photobiological risk group 0 @200mm	
	to EN62778	
EU RoHS compliant	Yes	
Performance ambient temperature Tq	25 ℃	
Flickering value (PstLM) - Flickering value as	1	
per EN 61000-3-3		
Stroboscopic effect visibility measure (SVM)	0.4	
Ambient temperature range	-10 to +40 °C	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM ≤3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %	
50000 h		
Lumen maintenance at median useful life*	L85	
50000 h		
Lumen maintenance at median useful life*	L70	
100000 h		
Product Data		
Order product name	SM136V 31S_37S_43S/840 PSU	
	W20L120 OC	
Full product name	SM136V 31S_37S_43S/840 PSU	
	W20L120 OC	
Full product code	871951451232000	
Order code	911401881881	
Material Nr. (12NC)	911401881881	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514512320	
Numerator - Packs per outer box	1	

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Dimensional drawing





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