



CoreLine surfacemounted

SM136V 43S/840 WIA W20L120 OC

CoreLine surface-mounted, 31 W, 1200x200 mm, 4300 lm, 4000 K, Wireless, Interact Ready, 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		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Service tag	Yes	

Lighting Technology	LED	
Value ladder	Performance	
Warranty period	5 years	
Sustainability rating	-	

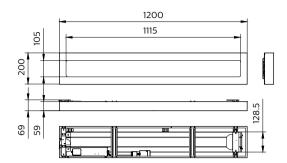
Datasheet, 2025, January 23 data subject to change

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Light Tashuisal		to annual control of the control of	ID20/44/Fin-non-not-start vision
Light Technical		Ingress protection code	IP20/44 [Finger-protected; wire-
Luminous Flux	4,300 lm		protected, splash-proof]
Saturated Red (R9)	<50	Mech. impact protection code	IK03 [0.3 J]
Correlated Color Temperature (Nom)	4000 K	Net Weight (Piece)	3.800 kg
Luminous Efficacy (rated) (Nom)	140 lm/W		
Color rendering index (CRI)	>80	Approval and Application	
Light source color	840 neutral white	Glow-wire test	Temperature 650 °C, duration 30 s
Optic type	Beam angle 84°	Flammability mark	For mounting on normally flammable
Luminaire light beam spread	84°		surfaces
Unified glare rating CEN	19	CE mark	Yes
		ENEC mark	ENEC mark
Operating and Electrical		Photobiological risk	Photobiological risk group 0 @200mm
Input Voltage	220-240 V		to EN62778
Line Frequency	50 or 60 Hz	EU RoHS compliant	Yes
Inrush current	4.9 A	Performance ambient temperature Tq	25 ℃
Inrush time	0.056 ms	Flickering value (PstLM) - Flickering value as	1
Power Consumption	31 W	per EN 61000-3-3	
Power Factor (Fraction)	0.9	Stroboscopic effect visibility measure (SVM)	0.4
Connection	Connection unit 3-pole	Ambient temperature range	-10 to +40 °C
Cable	Cable with connector 3-pole		
Number of products on MCB of 16 A type B	24	Initial Performance (IEC Compliant)	
Suitable for random switching	Yes	Luminous flux tolerance	+/-10%
Protection class IEC	Safety class II	Initial chromaticity	(0.38, 0.38) SDCM ≤3
Total harmonic distortion	20 %	Power consumption tolerance	+/-10%
Controls and Dimming		Over Time Performance (IEC Compliant)
Dimmable	Yes	Control gear failure rate at median useful life	5 %
Driver/power unit/transformer	Wireless driver Interact System ready	50000 h	
Control interface	Wireless	Lumen maintenance at median useful life*	L85
Constant light output	No	50000 h	
Maximum dim level	1%	Lumen maintenance at median useful life*	L70
Connectivity	Interact Ready	100000 h	
		Product Data	
Mechanical and Housing			CM126V/ 42C/040 W/A W/20L120 06
Housing Material	Steel	Order product name	SM136V 43S/840 WIA W20L120 OC
Reflector material	Polycarbonate	Full product name	SM136V 43S/840 WIA W20L120 OC
Optic material	Polycarbonate	Full product code	871951451507900
Optical cover material	Polymethyl methacrylate	Order code	911401896981
Fixation material		Material Nr. (12NC)	911401896981
Housing Color	White	Numerator - Quantity Per Pack	1
Optical cover finish	Microprismatic lens	EAN/UPC - Product/Case	8719514515079
Overall length	1,200 mm	Numerator - Packs per outer box	1
Overall width	200 mm	EAN/UPC - Case	8719514515079
Overall height	59 mm		
Dimensions (Height x Width x Depth)	59 x 200 x 1200 mm		

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Dimensional drawing





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