



CoreLine surfacemounted

SM136V 40S/830 WIA W20L120 OC

CoreLine surface-mounted, 31 W, 1200x200 mm, 4000 lm, 3000 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

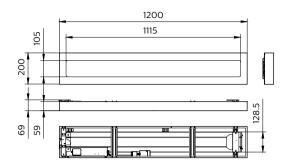
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Light Tochnical		Ingress protestion se
Light Technical Luminous Flux	4,000 lm	Ingress protection co
Saturated Red (R9)	<50	Mech. impact protect
Correlated Color Temperature (Nom)	3000 K	Net Weight (Piece)
Luminous Efficacy (rated) (Nom)	135 lm/W	Wet Weight (Fiece)
Color rendering index (CRI)	>80	Approval and App
	830 warm white	Glow-wire test
Light source color		Flammability mark
Optic type	Beam angle 84° 84°	Flammability mark
Luminaire light beam spread Unified glare rating CEN	19	CE mark
Offined glare racing CEN	19	ENEC mark
Operating and Electrical		Photobiological risk
	220-240 V	r notobiological risk
Input Voltage	50 or 60 Hz	EU RoHS compliant
Line Frequency Inrush current	4.9 A	Performance ambien
Inrush time	0.056 ms	Flickering value (Pstl
Power Consumption	31 W	per EN 61000-3-3
Power Factor (Fraction)	0.9	Stroboscopic effect v
Connection	Connection unit 3-pole	Ambient temperature
Cable	Cable with connector 3-pole	
Number of products on MCB of 16 A type B	24	Initial Performanc
Suitable for random switching	Yes	Luminous flux tolera
Protection class IEC	Safety class II	Initial chromaticity
Total harmonic distortion	20 %	Power consumption
Total Harmonic distortion	20 %	<u> </u>
Controls and Dimming		Over Time Perforr
Dimmable	Yes	Control gear failure r
Driver/power unit/transformer	Wireless driver Interact System ready	50000 h
Control interface	Wireless	Lumen maintenance
Constant light output	No	50000 h
Maximum dim level	1%	Lumen maintenance
Connectivity	Interact Ready	100000 h
Mechanical and Housing		Product Data
Housing Material	Steel	Order product name
Reflector material	Polycarbonate	Full product name
Optic material	Polycarbonate	Full product code
Optical cover material	Polymethyl methacrylate	Order code
Fixation material	-	Material Nr. (12NC)
Housing Color	White	Numerator - Quantit
Optical cover finish	Microprismatic lens	EAN/UPC - Product/
Overall length	1,200 mm	Numerator - Packs p
Overall width	200 mm	EAN/UPC - Case
Overall height	59 mm	
Dimensions (Height x Width x Depth)	59 x 200 x 1200 mm	

Ingress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
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	(0.43, 0.40) 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 40S/830 WIA W20L120 OC
Full product name	SM136V 40S/830 WIA W20L120 OC
Full product code	871951451506200
Order code	911401896881
Material Nr. (12NC)	911401896881
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514515062
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514515062

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Dimensional drawing





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