



CoreLine Wall-mounted

WL140V LED20S/830 PSR MDU WH

CoreLine Wall-mounted, 23 W, D390 mm, 2100 lumen, 3000 K, Sensor-based dim, MDU3, IP65

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V is fast and straightforward. This family includes Interact ready luminaires with integrated wireless communications, ready for use with Interact gateways, sensors and software.

Product data

General Information	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Embedded control	Programmable movement and light
	sensor with wireless grouping
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,100 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Beam angle of light source	120 degree(s)

Datasheet, 2023, September 5 data subject to change

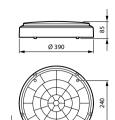
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Light source color	830 warm white
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Unified glare rating CEN	24
Operating and Electrical	
	220-240 V
Input Voltage	
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption Inrush current	- vv 10 A
Inrush time	0.066 ms
Power Consumption Power Factor (Fraction)	23 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	
Number of products on MCB of 16 A type B	32
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Constant light output	NO
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Fixation material Housing Color	- White
	- White Opal
Housing Color	
Housing Color Optical cover/lens finish	Opal
Housing Color Optical cover/lens finish Overall height Overall diameter	Opal 85 mm
Housing Color Optical cover/lens finish Overall height	Opal 85 mm

Mech. impact protection code	IK10 [20 J vandal-resistant]
Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.4338,0.4030) SDCM <3
Luminous flux tolerance	+/-10%
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*	-
35000 h	
Lumen maintenance at median useful life*	80
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	-
100000 h	
Application Conditions	
Maximum dim level	10%
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
Product Data	
Full product code	871951453084399
Order product name	WL140V LED20S/830 PSR MDU WH
Order code	911401851782
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401851782
Full product name	WL140V LED20S/830 PSR MDU WH
EAN/UPC - Case	8719514530904
EAN/UPC - Product/Case	8719514530843

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Dimensional drawing





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