



CoreLine Wallmounted

WL140V LED20S/830 PSR MDU WH

- Power supply unit regulating - Symmetrical - 120° x 120°

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
	sensor with wireless grouping
Light Technical	sensor with wireless grouping
Light Technical Luminous Flux	sensor with wireless grouping 2,100 lumen
Luminous Flux	2,100 lumen

Luminous Efficacy (rated) (Nom)	90 lm/W	
Color rendering index (CRI)	>80	
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	
Optic type	Symmetrical	
Luminaire light beam spread	120° x 120°	
Unified glare rating CEN	24	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Input Frequency	50 or 60 Hz	

Datasheet, 2023, May 19 data subject to change

Initial CLO power consumption

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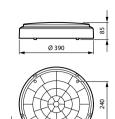
Average CLO power consumption	- W
Power Consumption	23 W
Inrush current	10 A
Inrush time	0.066 ms
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	32
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover/lens finish	Opal
Overall height	85 mm
Overall diameter	390 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years

Photobiological risk	Photobiological risk group 0 @200m
	to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4338,0.4030) 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*	-
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	
Performance ambient temperature Tq	25 ℃
Maximum dim level	10%
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 number (12NC)	911401851782
Full product name	WL140V LED20S/830 PSR MDU WH
EAN/UPC - Case	8719514530904



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Dimensional drawing





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