



# CoreLine Wall-mounted

## WL140V LED20S/830 PSU MDU WH

CoreLine Wall-mounted, 19 W, D390 mm, 1850 lm, 3000 K, Sensor-based dim, MDU2, 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		Operating and Electrical	
Light source replaceable	Yes	Correlated Color Temperature (Nom)	3000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	95 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Lighting Technology	LED	Beam angle of light source	120 degree(s)
Value ladder	Performance	Light source color	830 warm white
Warranty period	5 years	Optic type	Symmetrical
Sustainability rating	-	Luminaire light beam spread	120° x 120°
Light Technical		Unified glare rating CEN	24
Luminous Flux	1,850 lm	Input Voltage	220–240 V
Saturated Red (R9)	<50	Line Frequency	50 or 60 Hz

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Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14 A
Inrush time	0.007 ms
Power Consumption	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	32
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Maximum dim level	Not applicable
Embedded control	Programmable movement and light sensor

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	85 mm
Overall diameter	390 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Net Weight (Piece)	1.500 kg

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark

Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4338,0.4030) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

### Product Data

Order product name	WL140V LED20S/830 PSU MDU WH
Full product name	WL140V LED20S/830 PSU MDU WH
Full product code	871951452877299
Order code	911401847982
Material Nr. (12NC)	911401847982
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514528772
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514528932

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### Dimensional drawing

