



# CoreLine Wall-mounted

## WL140V LED12\_20S/827\_830\_840 PSU WH

CoreLine Wall-mounted, 33 W, 20 W, D390 mm, 1200 lumen, 2000 lumen, 2700 K, 3000 K, 4000 K, 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		EU RoHS compliant	
Light source replaceable	Yes		Yes
Number of gear units	1 unit	<b>Light Technical</b>	
Driver included	Yes	Luminous Flux	1,200 2,000 lumen
Lighting Technology	LED	Saturated Red (R9)	<50
Value ladder	Performance	Correlated Color Temperature (Nom)	2700 3000 4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	100 lm/W
Warranty period	5 years	Color rendering index (CRI)	>80
Flammability mark	-	Flickering value (PstLM)	1
ENEC mark	ENEC mark	Stroboscopic effect value (SVM)	1.6
Glow-wire test	Temperature 850 °C, duration 30 s	Beam angle of light source	120 degree(s)
		Light source color	Multi Color Temperature

## CoreLine Wall-mounted

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
Initial CLO power consumption	- W
Average CLO power consumption	20 W
Inrush current	14 A
Inrush time	0.012 ms
Power Consumption	33 20 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
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### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

### Initial Performance (IEC Compliant)

Initial chromaticity	(0.3818,0.3797) SDCM <5
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	Not applicable
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

### Product Data

Full product code	871951452879699
Order product name	WL140V LED12_20S/827_830_840 PSU WH
Order code	911401848182
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401848182
Full product name	WL140V LED12_20S/827_830_840 PSU WH
EAN/UPC - Case	8719514528956
EAN/UPC - Product/Case	8719514528796

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### Dimensional drawing

