



# CoreLine Wall-mounted

## WL140V LED12S/840 PSU WH

- Power supply unit (ON/OFF) - 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		Operating and Electrical	
Light source replaceable	Yes	Beam angle of light source	120 degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Symmetrical
Lighting Technology	LED	Luminaire light beam spread	120° x 120°
Value ladder	Performance	Unified glare rating CEN	22
Light Technical		Input Voltage	220-240 V
Luminous Flux	1,350 lumen	Line Frequency	50 or 60 Hz
Saturated Red (R9)	<50	Input Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	4000 K	Initial CLO power consumption	- W
Luminous Efficacy (rated) (Nom)	110 lm/W	Average CLO power consumption	- W
Color rendering index (CRI)	>80	Power Consumption	12 W

## CoreLine Wall-mounted

Inrush current	14 A
Inrush time	0.007 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	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
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 @200mm to EN62778

Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3818,0.3797) 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 °C
Maximum dim level	Not applicable
Suitable for random switching	No

### Product Data

Full product code	871951452872799
Order product name	WL140V LED12S/840 PSU WH
Order code	911401847482
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	911401847482
Full product name	WL140V LED12S/840 PSU WH
EAN/UPC - Case	8719514528888



## CoreLine Wall-mounted

### Dimensional drawing

