



CoreLine Wall-mounted

WL140V LED12S/830 PSU WH

CoreLine Wall-mounted, 12 W, D390 mm, 1275 lm, 3000 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		Light Technical	
Light source replaceable	Yes	Luminous Flux	1,275 lm
Number of gear units	1 unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Color Temperature (Nom)	3000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	105 lm/W
Value ladder	Performance	Color rendering index (CRI)	>80
CE mark	Yes	Flickering value (PstLM) - Flickering value as per 1	EN 61000-3-3
Warranty period	5 years	Stroboscopic effect visibility measure (SVM)	1.6
Flammability mark	-	Beam angle of light source	120 degree(s)
ENEC mark	ENEC mark	Light source color	830 warm white
Glow-wire test	Temperature 850 °C, duration 30 s	Optic type	Symmetrical
EU RoHS compliant	Yes	Luminaire light beam spread	120° x 120°

CoreLine Wall-mounted

Unified glare rating CEN	22
--------------------------	----

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14 A
Inrush time	0.007 ms
Power Consumption	12 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	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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover 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)

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 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	WL140V LED12S/830 PSU WH
Full product name	WL140V LED12S/830 PSU WH
Full product code	871951452871099
Order code	911401847382
Material Nr. (12NC)	911401847382
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514528710
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514528871

CoreLine Wall-mounted

Dimensional drawing

