CoreLine Wall-mounted

WL140V 14_24_40S/827_830_840 PSU WH

CoreLine Wall-mounted, 29 W, 11 W, 1400 lm, 4050 lm, 2700 K, 3000 K, 4000 K, EL-ready

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. All-in features provide up to three lumen packages and three color temperature options in one luminaire. Installers can easily fit the luminaire according to the application need on site. 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.

Warnings and Safety

- For outdoor operations; wall-mounted applications only and all cables should run indoors with a maximum distance of 10 meters

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years

Sustainability rating	-

Light Technical	
Luminous Flux	1,400 4,050 lm
Correlated Color Temperature (Nom)	2700 3000 4000 K
Luminous Efficacy (rated) (Nom)	140 125 lm/W
Color rendering index (CRI)	>80

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Light source color	White
Optic type	Symmetrical
Luminaire light beam spread	120°
All-in Type	All-in, Multi Color Temperature All-in, Multi Lumen

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	14 A
Inrush time	0.007 ms
Power Consumption	29 11 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 3-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	No
Driver/power unit/transformer	Driver
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polymethyl methacrylate
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]
Mounting	Ceiling Wall
Net Weight (Piece)	1.340 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<3
Power consumption tolerance	+/-10%

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* 50000 h	L80

Product Data

Order product name	WL140V 14_24_40S/827_830_840 PSU WH
Full product name	WL140V 14_24_40S/827_830_840 PSU WH
Full product code	872110330713299
Order code	911401873687
Material Nr. (12NC)	911401873687
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103307132
Numerator - Packs per outer box	6
EAN/UPC - Case	8721103307187

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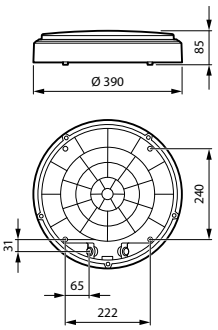
Dimensional drawing



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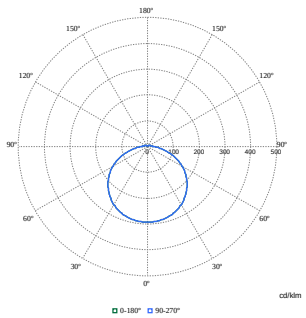

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