CoreLine Wall-mounted

WL131V LED12S/830 PSED EL3 WH

CoreLine Wall-mounted, 12 W, D350 mm, 1200 lm, 3000 K, DALI, IP65, EL3h/EL-DC

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

General Information	
Lamp family code	LED12 [LED Module 1200 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	WL131V [CORELINE GEN2 WALL LUMINAIRE]
Lighting Technology	LED
Value ladder	Performance

Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	830 warm white

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Optic type	Opal prismatic reflector
Optical cover type	Opal bowl with painted cover
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 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	20

Temperature

Ambient temperature range	0 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Polyamide
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	350 mm
Overall width	350 mm
Overall height	96 mm
Overall diameter	350 mm
Dimensions (Height x Width x Depth)	96 x 350 x 350 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.41) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

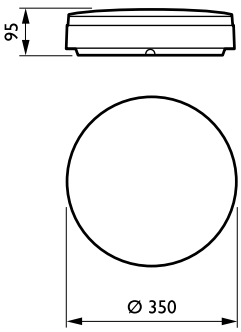
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	No

Product Data

Order product name	WL131V LED12S/830 PSED EL3 WH
Full product name	WL131V LED12S/830 PSED EL3 WH
Full product code	871869940268600
Order code	910500465390
Material Nr. (12NC)	910500465390
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699402686
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699402686

Dimensional drawing





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2023, April 29 - data subject to change