



CoreLine Wall-mounted

WL131V LED12S/830 PSED WH

LED Module 1200 lm - 830 warm white - Power supply unit with DALI interface - White

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward.

Product data

General Information		Flammability mark	
Lamp family code	LED12 [LED Module 1200 lm]	CE mark	-
Beam angle of light source	120 °	ENEC mark	ENEC mark
Light source color	830 warm white	Warranty period	5 years
Light source replaceable	No	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.
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	Power supply unit with DALI interface	Number of products on MCB of 16 A type B	20
Driver included	Yes	EU RoHS compliant	Yes
Optic type	Opal prismatic reflector		
Optical cover/lens type	Opal bowl with painted cover		
Luminaire light beam spread	120°		
Control interface	DALI		
Connection	Push-in connector 6-pole		
Cable	-		
Protection class IEC	Safety class II		
Glow-wire test	Temperature 650 °C, duration 30 s		

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Service tag	Yes
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Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Initial CLO power consumption	NA W
Average CLO power consumption	NA W
End CLO power consumption	NA W
Inrush current	22 A
Inrush time	290 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Polyamide
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall length	350 mm
Overall width	350 mm
Overall height	95 mm
Overall diameter	350 mm
Color	White
Dimensions (Height x Width x Depth)	95 x 350 x 350 mm (3.7 x 13.8 x 13.8 in)

Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.44, 0.41) SDCM<3
Initial input power	13 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

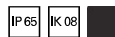
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* L70 50000 h	

Application Conditions

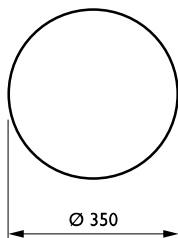
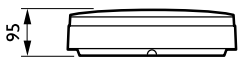
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Full product code	871869938792199
Order product name	WL131V LED12S/830 PSED WH
EAN/UPC - Product	8718699387921
Order code	912401483196
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	912401483196
Net Weight (Piece)	2.050 kg



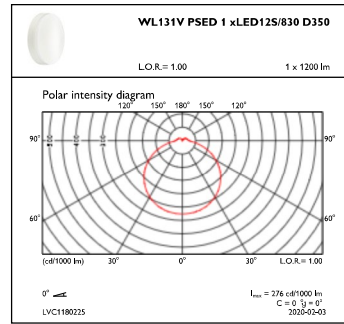
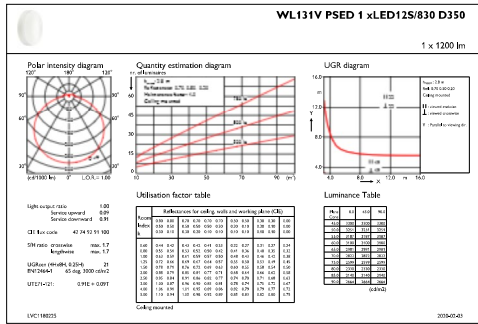
Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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Photometric data



IFGU1_WL131VPSED1xLED12S830D350

OFPC1_WL131VPSED1xLED12S830D350

