



CoreLine Wall-mounted

WL131V LED12S/840 PSED WH

LED Module 1200 lm - 840 neutral 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	NO [-]
Lamp family code	LED12 [LED Module 1200 lm]	CE mark	CE mark
Beam angle of light source	120 °	ENEC mark	ENEC mark
Light source colour	840 neutral 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	PSD [Power supply unit with DALI interface]	Number of products on MCB (16 A type B)	20
Driver included	Yes	EU RoHS compliant	Yes
Optic type	Opal prismatic reflector		
Optical cover/lens type	OP [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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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
Colour	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	1200 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Colour Temperature	4000 K
Init. colour rendering index	80
Initial chromaticity	(0.39, 0.39) SDCM<3
Initial input power	13 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

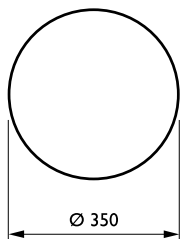
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	Yes

Product Data

Full product code	871869938793899
Order product name	WL131V LED12S/840 PSED WH
EAN/UPC – product	8718699387938
Order code	38793899
Numerator – quantity per pack	1
SAP numerator – packs per outer box	6
Material no. (12 NC)	912401483197
SAP net weight (piece)	2.050 kg



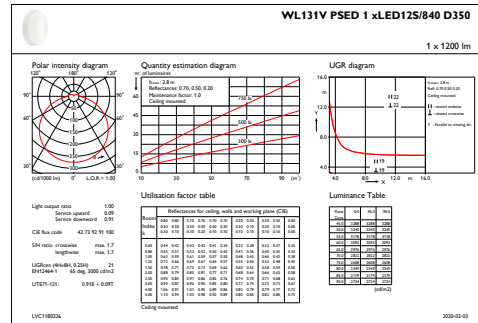
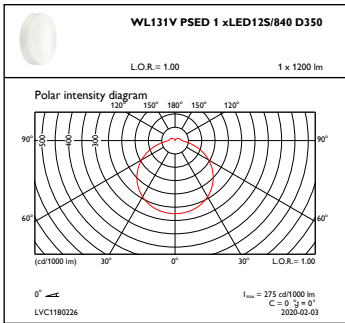
Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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Photometric data



OFPC1_WL131VPSED1xLED12S840D350

IFGU1_WL131VPSED1xLED12S840D350

