



# CoreLine Wall-mounted

## WL131V LED12S/830 PSED EL3 WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 1200 lm - 830 warm white - Power supply unit with DALI interface - Emergency lighting 3 hours duration - - - 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			
Lamp family code	LED12 [ LED Module 1200 lm]	Connection	Push-in connector 6-pole
Beam angle of light source	120 °	Cable	-
Light source colour	830 warm white	Protection class IEC	Safety class II
Light source replaceable	No	Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	1 unit	Flammability mark	NO [ -]
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optic type	Opal prismatic reflector	Warranty period	5 years
Optical cover/lens type	OP [ Opal bowl with painted cover]	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.
Luminaire light beam spread	120°		
Emergency lighting	EL3 [ Emergency lighting 3 hours duration]		
Embedded control	No [ -]		
Control interface	DALI		

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Constant light output	No
Number of products on MCB (16 A type B)	20
EU RoHS compliant	Yes
Product family code	WL131V [ CORELINE GEN2 WALL LUMINAIRE]

### Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	22 A
Inrush time	0.29 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	96 mm
Overall diameter	350 mm
Height	96 mm
Colour	White
Dimensions (height x width x depth)	96 x 350 x 350 mm (3.8 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
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.44, 0.41) SDCM<3
Initial input power	12 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

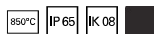
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

### Application Conditions

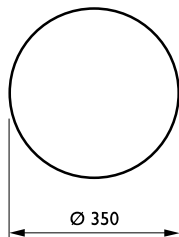
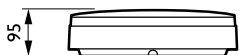
Ambient temperature range	0 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	No

### Product Data

Full product code	871869940268600
Order product name	WL131V LED12S/830 PSED EL3 WH
EAN/UPC – product	8718699402686
Order code	40268600
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	910500465390
SAP net weight (piece)	1.900 kg



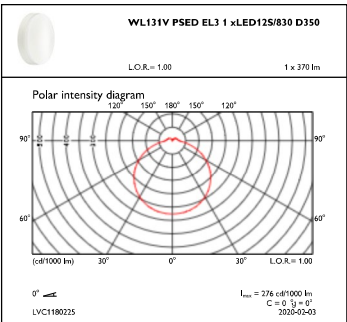
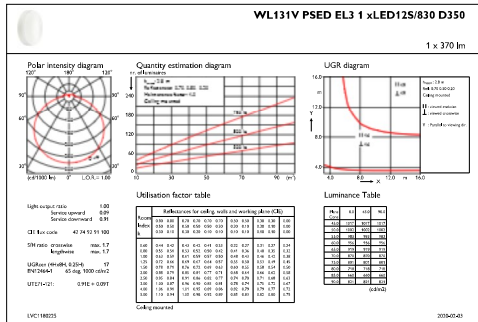
## Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

# CoreLine Wall-mounted

## Photometric data



IFGU1\_WL131VPSEDEL31xLED12S830D350

OFPC1\_WL131VPSEDEL31xLED12S830D350

