



# CoreLine Wall-mounted

## WL131V LED12S/840 PSED EL3 WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 1200 lm - 840 neutral white - Power supply unit with DALI interface - Emergency lighting 3 hours duration - - - White

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		Control interface	DALI
Lamp family code	LED12 [ LED Module 1200 lm]	Connection	PI6 [ Push-in connector 6-pole]
Beam angle of light source	120°	Cable	-
Lamp colour code	840 neutral white	Protection class IEC	Safety class II (II)
Light source replaceable	No	Glow-wire test	850/30 [ 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
Luminaire light beam spread	120°		
Emergency lighting	EL3 [ Emergency lighting 3 hours duration]		
Embedded control	No [ -]		

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	the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	20
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
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	(0.39, 0.39) SDCM<3
Initial input power	12 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

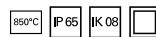
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

### Application Conditions

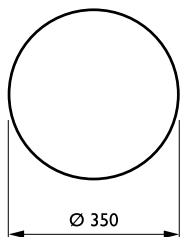
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	No

### Product Data

Full product code	871869940269300
Order product name	WL131V LED12S/840 PSED EL3 WH
EAN/UPC – product	8718699402693
Order code	40269300
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500465391
Net weight (piece)	1.900 kg



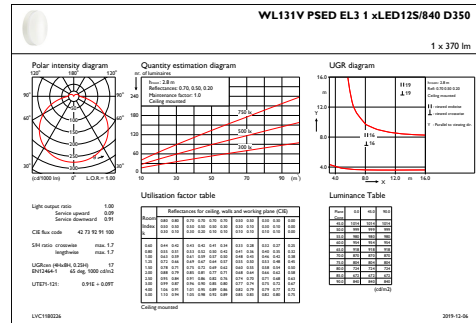
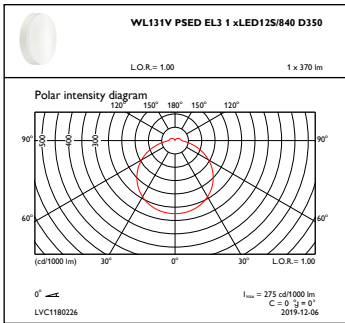
## Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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## Photometric data



OFFPC1\_WL131VPSEDEL31xLED12S840D350

IFGU1\_WL131VPSEDEL31xLED12S840D350

