



# CoreLine Wall-mounted

## WL131V LED34S/840 PSR EL3 MDU WH

CORELINE GEN2 WALL LUMINAIRE - LED Module, system flux 3400 lm - 840 neutral white - Power supply unit regulating - Emergency lighting 3 hours duration - Movement detection unit - 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		Embedded control	MDU [ Movement detection unit]
Lamp family code	LED34S [ LED Module, system flux 3400 lm]	Control interface	Analog
Beam angle of light source	120 °	Connection	PI6 [ Push-in connector 6-pole]
Lamp colour code	840 neutral white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class II (II)
Number of gear units	1 unit	Glow-wire test	850/30 [ Temperature 850 °C, duration 30 s]
Driver/power unit/transformer	PSR [ Power supply unit regulating]	Flammability mark	NO [ -]
Driver included	Yes	CE mark	CE mark
Optic type	Opal prismatic reflector	ENEC mark	ENEC mark
Optical cover/lens type	OP [ Opal bowl with painted cover]	Warranty period	5 years
Luminaire light beam spread	120°	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based
Emergency lighting	EL3 [ Emergency lighting 3 hours duration]		

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	luminaires – January 2018 <sup>1)</sup> : 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.
Constant light output	No
Number of products on MCB (16 A type B)	18
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	1-10 V DC
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	480 mm
Overall width	480 mm
Overall height	96 mm
Overall diameter	480 mm
Height	96 mm
Colour	White
Dimensions (height x width x depth)	96 x 480 x 480 mm (3.8 x 18.9 x 18.9 in)

### Approval and Application

Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [ 5 J vandal-protected]
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### Initial Performance (IEC Compliant)

Initial luminous flux	3400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	94 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	(0.39, 0.39) SDCM<3
Initial input power	36 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	20%
Suitable for random switching	Yes

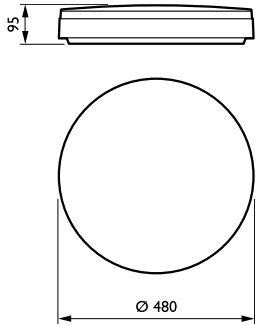
### Product Data

Full product code	871869940287700
Order product name	WL131V LED34S/840 PSR EL3 MDU WH
EAN/UPC – product	8718699402877
Order code	40287700
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	910500465410
SAP net weight (piece)	2.500 kg



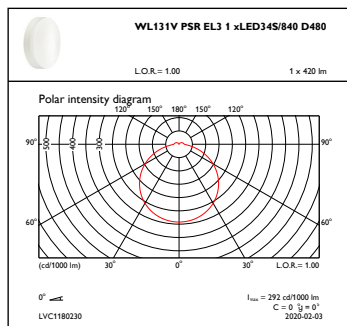
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## Dimensional drawing

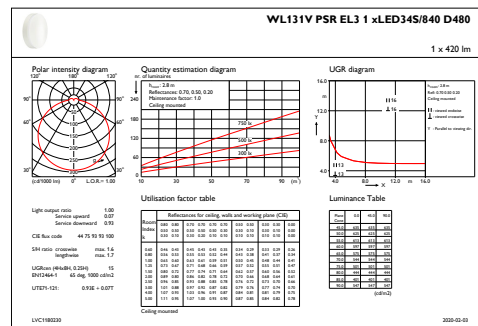


CoreLine Wall-mounted WL130V/WL131V

## Photometric data



OFPC1\_WL131VPSREL31xLED34S840D480



IFGU1\_WL131VPSREL31xLED34S840D480

