



CoreLine Wall-mounted

WL131V LED20S/840 PSED WH

LED Module 2000 lm - 840 neutral white - Power supply unit with DALI interface - 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		Glow-wire test	
Lamp family code	LED20 [LED Module 2000 lm]	Flammability mark	650/30 [Temperature 650 °C, duration 30 s]
Beam angle of light source	120 °	CE mark	NO [-]
Lamp colour code	840 neutral white	ENEC mark	CE mark
Light source replaceable	No	Warranty period	ENEC mark
Number of gear units	1 unit	Remarks	5 years
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]		*-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.
Driver included	Yes	Constant light output	No
Optic type	Opal prismatic reflector	Number of products on MCB	20
Optical cover/lens type	OP [Opal bowl with painted cover]		
Luminaire light beam spread	120°		
Control interface	DALI		
Connection	PI6 [Push-in connector 6-pole]		
Cable	-		
Protection class IEC	Safety class II (II)		

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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	2000 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	90 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	(0.39, 0.39) SDCM<3
Initial input power	23 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Median useful life L70B50	50000 h
Median useful life L80B50	38000 h
Median useful life L90B50	18000 h
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

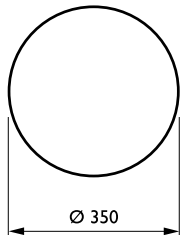
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	Yes

Product Data

Full product code	871869938795299
Order product name	WL131V LED20S/840 PSED WH
EAN/UPC – product	8718699387952
Order code	38795299
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	912401483199
Net weight (piece)	2.050 kg



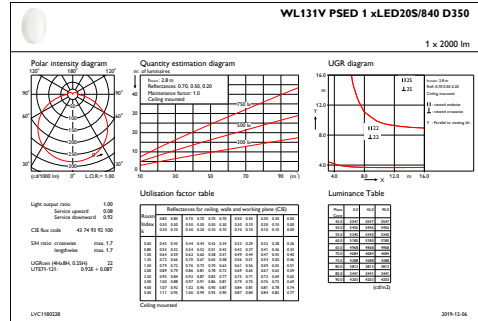
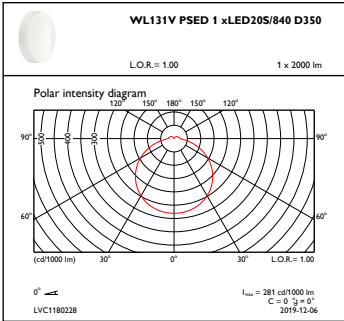
Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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Photometric data



OFPC1_WL131VPSED1xLED20S840D350

IFGU1_WL131VPSED1xLED20S840D350

