



CoreLine Wall-mounted

WL130V LED20S/840 PSU MDU WH

LED Module 2000 lm - 840 neutral white - Power supply unit - Movement detection unit - 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		Glow-wire test	
Lamp family code	LED20 [LED Module 2000 lm]	Flammability mark	NO [-]
Beam angle of light source	120 °	CE mark	CE mark
Light source colour	840 neutral white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	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.
Driver/power unit/transformer	PSU [Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	32
Optic type	Opal prismatic reflector	EU RoHS compliant	Yes
Optical cover/lens type	OP [Opal bowl with painted cover]		
Luminaire light beam spread	120°		
Embedded control	MDU [Movement detection unit]		
Control interface	-		
Connection	Push-in connector 3-pole		
Cable	-		
Protection class IEC	Safety class II		

CoreLine Wall-mounted

Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	-
Initial CLO power consumption	NA W
Average CLO power consumption	NA W
End CLO power consumption	NA W
Inrush current	21.3 A
Inrush time	1.84 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
----------	----

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	70 mm
Overall diameter	350 mm
Colour	White
Dimensions (height x width x depth)	70 x 350 x 350 mm (2.8 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	2000 lm
-----------------------	---------

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	80 lm/W
Init. Corr. Colour Temperature	4000 K
Init. 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 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

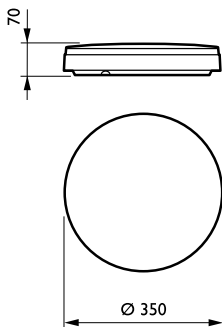
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869938783999
Order product name	WL130V LED20S/840 PSU MDU WH
EAN/UPC – product	8718699387839
Order code	38783999
Numerator – quantity per pack	1
SAP numerator – packs per outer box	6
Material no. (12 NC)	912401483187
SAP net weight (piece)	1.450 kg



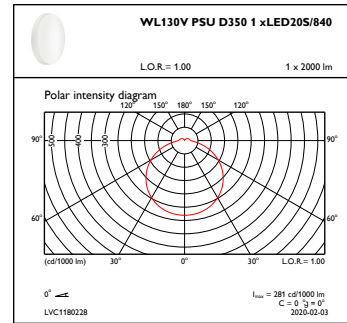
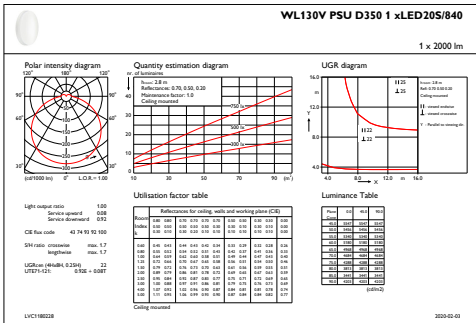
Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

CoreLine Wall-mounted

Photometric data



IFGU1_WL130VPSUD3501xLED20S840

OFPC1_WL130VPSUD3501xLED20S840

