



CoreLine Wall-mounted

WL130V LED20S/830 PSU MDU WH

LED Module 2000 lm - 830 warm white - Power supply 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		Operating and Electrical	
Lamp family code	LED20 [LED Module 2000 lm]	Flammability mark	-
Beam angle of light source	120 °	CE mark	CE mark
Light source color	830 warm white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Constant light output	Yes
Driver/power unit/transformer	Power supply unit	Number of products on MCB of 16 A type B	32
Driver included	Yes	RoHS mark	RoHS mark
Optic type	Opal prismatic reflector		
Optical cover/lens type	Opal bowl with painted cover	Input Voltage	220-240 V
Luminaire light beam spread	120°	Input Frequency	50 to 60 Hz
Control interface	-	Control signal voltage	-
Connection	Push-in connector 3-pole	Initial CLO power consumption	23 W
Cable	-	Average CLO power consumption	23 W
Protection class IEC	Safety class II	End CLO power consumption	NA W
Glow-wire test	Temperature 650 °C, duration 30 s	Inrush current	21.3 A

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Inrush time	1.84 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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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	70 mm
Overall diameter	350 mm
Color	White

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 (system flux)	2000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	80 lm/W
Init. Corr. Color Temperature	3000 K

Init. Color Rendering Index	80
Initial chromaticity	(0.44, 0.41) SDCM<3
Initial input power	23 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

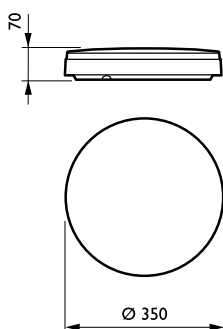
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869938782299
Order product name	WL130V LED20S/830 PSU MDU WH
EAN/UPC - Product	8718699387822
Order code	912401483186
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	912401483186
Net Weight (Piece)	1.450 kg



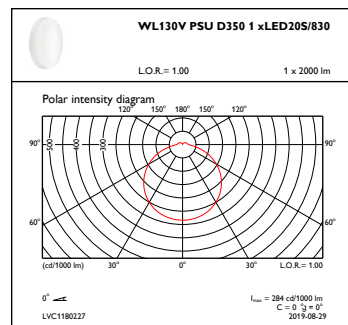
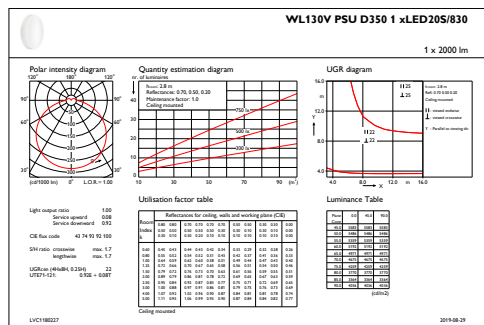
Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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Photometric data



IFGU1_WL130VPSUD3501xLED20S830

OFPC1_WL130VPSUD3501xLED20S830

