



CoreLine Wall-mounted

WL131V LED20S/840 PSR MDU WH

LED Module 2000 lm - 840 neutral white - Power supply unit regulating - 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		Flammability mark	
Lamp family code	LED20 [LED Module 2000 lm]	CE mark	-
Beam angle of light source	120 °	ENEC mark	CE mark
Light source color	840 neutral white	Warranty period	ENEC mark
Light source replaceable	No	Constant light output	5 years
Number of gear units	1 unit	Number of products on MCB of 16 A type B	Yes
Driver/power unit/transformer	Power supply unit regulating	RoHS mark	18
Driver included	Yes	Operating and Electrical	
Optic type	Opal prismatic reflector	Input Voltage	220-240 V
Optical cover/lens type	Opal bowl with painted cover	Input Frequency	50 to 60 Hz
Luminaire light beam spread	120°	Control signal voltage	1-10 V DC
Control interface	-	Initial CLO power consumption	25 W
Connection	Push-in connector 6-pole	Average CLO power consumption	25 W
Cable	-	End CLO power consumption	NA W
Protection class IEC	Safety class II	Inrush current	27 A
Glow-wire test	Temperature 650 °C, duration 30 s		

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Inrush time	265 ms
Power Factor (Min)	0.8

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
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	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.39, 0.39) SDCM<3

Initial input power	25 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

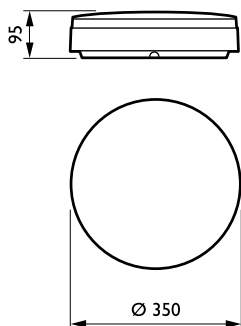
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Full product code	871869938789199
Order product name	WL131V LED20S/840 PSR MDU WH
EAN/UPC - Product	8718699387891
Order code	912401483193
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	912401483193
Net Weight (Piece)	2.100 kg

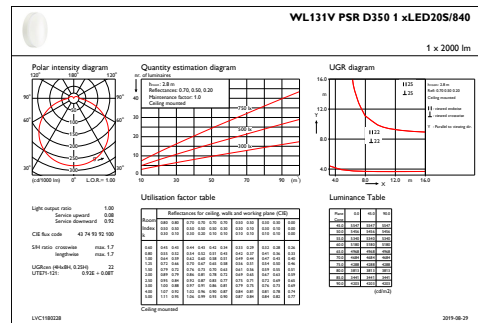
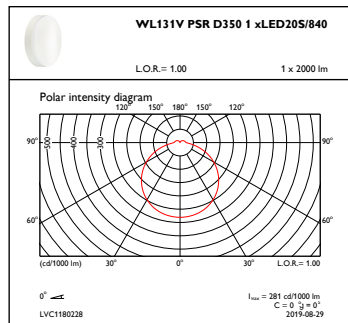


Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

Photometric data



OFPC1_WL131VPSRD3501xLED20S840

IFGU1_WL131VPSRD3501xLED20S840

