



CoreLine Wall-mounted

WL131V LED20S/830 PSR EL3 MDU WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 2000 lm - 830 warm 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			
Lamp family code	LED20 [LED Module 2000 lm]	Cable	-
Beam angle of light source	120 °	Protection class IEC	Safety class I
Light source color	830 warm white	Glow-wire test	Temperature 850 °C, duration 30 s
Cap-Base	- [-]	Flammability mark	-
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Gear	-	Warranty period	5 years
Driver/power unit/transformer	Power supply unit regulating	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Driver included	Yes	Constant light output	No
Optic type	Opal prismatic reflector	Number of products on MCB of 16 A type B	18
Luminaire light beam spread	120°	RoHS mark	RoHS mark
Emergency lighting	-	Product family code	WL131V [CORELINE GEN2 WALL LUMINAIRE]
Embedded control	-		
Control interface	Analog		
Connection	Push-in connector 6-pole		

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Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	1-10 V DC
Initial CLO power consumption	22 W
Average CLO power consumption	22 W
End CLO power consumption	NA W
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
Gear tray material	NO
Fixation material	-
Optical cover/lens finish	Opal
Overall length	350 mm
Overall width	350 mm
Overall height	96 mm
Overall diameter	350 mm
Width	- mm
Height	96 mm
Diameter	-
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
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	91 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.44, 0.41) SDCM<3
Initial input power	22 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	61000 h
Median useful life L80B50	38000 h
Median useful life L90B50	18000 h
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

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

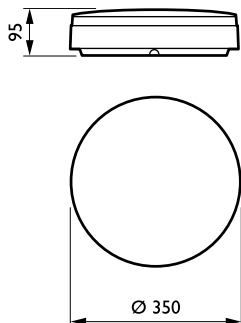
Product Data

Full product code	871869940284600
Order product name	WL131V LED20S/830 PSR EL3 MDU WH
EAN/UPC - Product	8718699402846
Order code	910500465407
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500465407
Net Weight (Piece)	1.900 kg



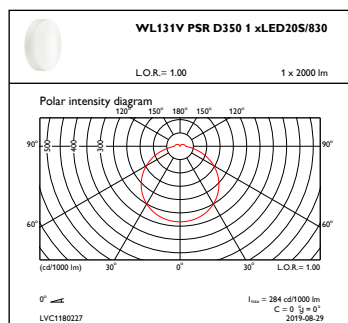
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Dimensional drawing

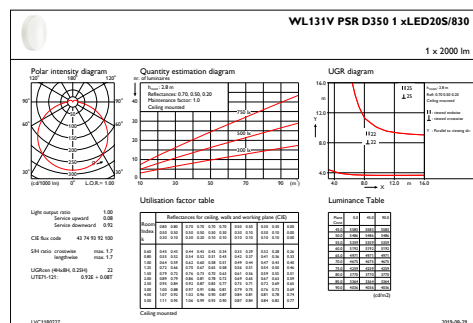


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Photometric data



OFPC1_WL131VPSRD3501xLED20S830



IFGU1_WL131VPSRD3501xLED20S830

