



CoreLine Wall-mounted

WL131V LED20S/830 PSED EL3 WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 2000 lm -
830 warm white - Power supply unit with DALI interface - - - - -
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]	Control interface	DALI
Beam angle of light source	120 °	Connection	Push-in connector 6-pole
Light source color	830 warm white	Cable	-
Cap-Base	- [-]	Protection class IEC	Safety class II
Light source replaceable	No	Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	1 unit	Flammability mark	-
Gear	-	CE mark	CE mark
Driver/power unit/transformer	Power supply unit with DALI interface	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	Opal prismatic reflector	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Luminaire light beam spread	120°	Constant light output	No
Emergency lighting	-	Number of products on MCB of 16 A type B	20
Embedded control	-		

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RoHS mark	RoHS mark
Product family code	WL131V [CORELINE GEN2 WALL LUMINAIRE]

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	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
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)

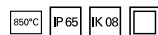
Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	61000 h
Median useful life L80B50	38000 h
Median useful life L90B50	18000 h
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	No

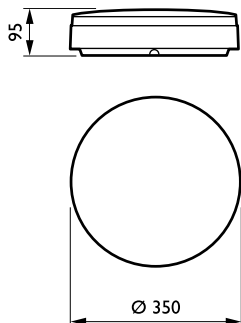
Product Data

Full product code	871869940270900
Order product name	WL131V LED20S/830 PSED EL3 WH
EAN/UPC - Product	8718699402709
Order code	910500465392
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500465392
Net Weight (Piece)	1.900 kg



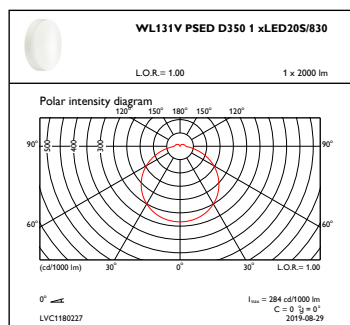
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Dimensional drawing

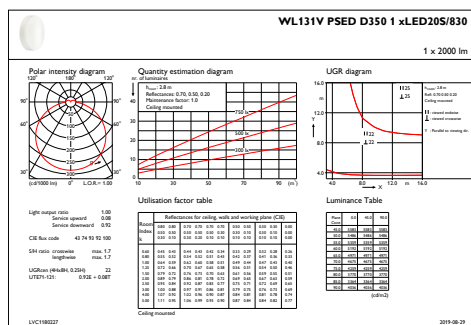


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Photometric data



OFPC1_WL131VPSEDD3501xLED20S830



IFGU1_WL131VPSEDD3501xLED20S830

