CoreLine Wall-mounted

WL131V LED20S/830 PSED WH

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	
Beam angle of light source	120 °
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Opal prismatic reflector
Optical cover/lens type	Opal bowl with painted cover
Luminaire light beam spread	120°
Control interface	DALI
Connection	Push-in connector 6-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	Yes

Number of products on MCB of 16 A type B	20
RoHS mark	RoHS mark

Operating and Electrical	
Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	23 W
Average CLO power consumption	23 W
Inrush current	22 A
Inrush time	290 ms
Power Factor (Min)	0.9

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing Material	Polyamide
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

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Fixation material	-
Optical cover/lens finish	Opal
Overall height	95 mm
Overall diameter	480 mm

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)

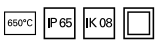
Initial luminous flux (system flux)	2000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.4440, 0.4111)
Initial input power	23 W
Power consumption tolerance	+/-10%

Application Conditions

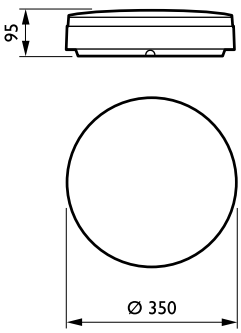
Ambient temperature range	0 to +25 °C
Maximum dim level	10%
Suitable for random switching	Yes (relates to presence/ movement detection)

Product Data

Full product code	871869938794599
Order product name	WL131V LED20S/830 PSED WH
EAN/UPC - Product	8718699387945
Order code	912401483198
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	912401483198
Net Weight (Piece)	2.050 kg



Dimensional drawing



CoreLine Wall-mounted WL130V/WL131V

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