



# CoreLine Wall-mounted

## WL131V LED20S/840 PSED EL3 WH

CORELINE GEN2 WALL LUMINAIRE - LED Module 2000 lm -  
840 neutral white - Power supply unit with DALI interface -  
Emergency lighting 3 hours duration - - - 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		Control interface	DALI
Lamp family code	LED20 [ LED Module 2000 lm]	Connection	Push-in connector 6-pole
Beam angle of light source	120 °	Cable	-
Light source color	840 neutral white	Protection class IEC	Safety class II
Cap-Base	- [ -]	Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No	Flammability mark	-
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	ENEC mark
Driver/power unit/transformer	Power supply unit with DALI interface	Warranty period	5 years
Driver included	Yes	Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options
Optic type	Opal prismatic reflector	Constant light output	No
Luminaire light beam spread	120°	Number of products on MCB of 16 A type B	20
Emergency lighting	Emergency lighting 3 hours duration		
Embedded control	-		

## CoreLine Wall-mounted

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
----------	-----

### 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	4000 K
Init. Color Rendering Index	80
Initial chromaticity	(0.39, 0.39) SDCM<3
Initial input power	22 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

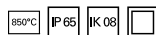
Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	61000 h
Median useful life L80B50	38000 h
Median useful life L90B50	18000 h
Lumen maintenance at median useful life* 50000 h	L80

### Application Conditions

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

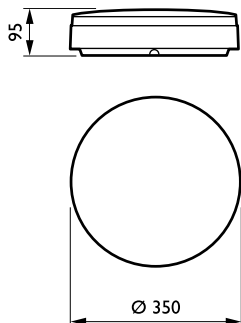
### Product Data

Full product code	871869940271600
Order product name	WL131V LED20S/840 PSED EL3 WH
EAN/UPC - Product	8718699402716
Order code	910500465393
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500465393
Net Weight (Piece)	1.900 kg



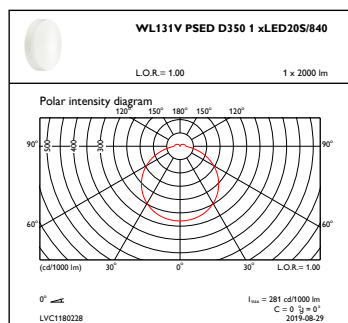
## CoreLine Wall-mounted

## Dimensional drawing

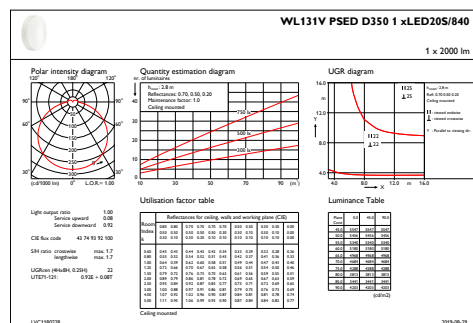


## CoreLine Wall-mounted WL130V/WL131V

## Photometric data



OFPC1\_WL131VPSEDD3501xLED20S840



IFGU1\_WL131VPSEDD3501xLED20S840

