



CoreLine Wallmounted

WL131V LED12S/840 PSR EL3 MDU WH

CoreLine Wall-mounted, 12 W, D350 mm, 1200 lm, 4000 K, Sensor-based dim, IP65, EL3h

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy — it's a simple switch.

Product data

General Information	
Lamp family code	LED12 [LED Module 1200 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	WL131V [CORELINE GEN2 WALL LUMINAIRE]
Lighting Technology	LED
Value ladder	Performance

Embedded control	Movement detection unit
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white

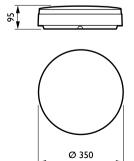
Datasheet, 2023, April 29 data subject to change

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Optical cover type Opal bowl with painted cover Luminaire light beam spread 120° Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.29 ms Power Consumption 12 W Power Factor (Fraction) Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range 0 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power saged dim Constant light output No
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Control interface Sensor-based dim
Constant light output No
Mechanical and Housing
Housing Material Polyamide
Reflector material -
Optic material Polycarbonate
Optical cover material Polycarbonate
Fixation material -
Housing Color White
Optical cover finish Opal
Overall length 350 mm
a II + III
Overall width 350 mm
Overall width 350 mm Overall height 96 mm

Dimensions (Height x Width x Depth)	96 x 350 x 350 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [5 J vandal-protected]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.39, 0.39) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	1%	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L70	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	20%	
Suitable for random switching	Yes	
Product Data		
Order product name	WL131V LED12S/840 PSR EL3 MDU WH	
Full product name	WL131V LED12S/840 PSR EL3 MDU WH	
Full product code	871869940283900	
Order code	910500465406	
Material Nr. (12NC)	910500465406	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699402839	
Numerator - Packs per outer box	1	

Dimensional drawing



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