



# CoreLine Wall-mounted

## WL130V LED20S/840 PSU MDU WH

CoreLine Wall-mounted, 23 W, D350 mm, 2000 lm, 4000 K, Sensor-based dim, IP65

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		Embedded control	
Lamp family code	LED20 [LED Module 2000 lm]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	-
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 650 °C, duration 30 s
Service tag	Yes	EU RoHS compliant	Yes
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	2,000 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	80 lm/W
		Color rendering index (CRI)	80
		Beam angle of light source	120 degree(s)
		Light source color	840 neutral white

## CoreLine Wall-mounted

Optic type	Opal prismatic reflector
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
Initial CLO power consumption	NA W
Average CLO power consumption	NA W
End CLO power consumption	NA W
Inrush current	21.3 A
Inrush time	1.84 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	32

### Temperature

Ambient temperature range	-20 to +40 °C
---------------------------	---------------

### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
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
Overall width	350 mm

Overall height	70 mm
Overall diameter	350 mm
Dimensions (Height x Width x Depth)	70 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	0.7 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

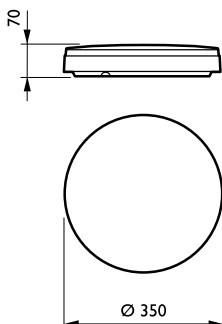
### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

### Product Data

Order product name	WL130V LED20S/840 PSU MDU WH
Full product name	WL130V LED20S/840 PSU MDU WH
Full product code	871869938783999
Order code	912401483187
Material Nr. (12NC)	912401483187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699387839
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699388010

## Dimensional drawing



## CoreLine Wall-mounted

