# **PHILIPS** Lighting



# CoreLine Wallmounted

# WL131V LED20S/830 PSR MDU WH

CoreLine Wall-mounted, 25 W, D350 mm, 2000 lm, 3000 K, Sensor-based dim, IP65

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V is fast and straightforward. This family includes Interact ready luminaires with integrated wireless communications, ready for use with Interact gateways, sensors and software.

#### **Product data**

General Information	
Lamp family code	LED20 [LED Module 2000 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.

Service tag	Yes
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes
Value ladder	Performance
Embedded control	Movement detection unit

## **CoreLine Wall-mounted**

Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
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	NAW
Average CLO power consumption	NAW
End CLO power consumption	NA W
Inrush current	27 A
Inrush time	265 ms
Power Consumption	25 W
Power Factor (Fraction)	0.8
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type	18
В	
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	Yes
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	-

Polycarbonate

Polycarbonate

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White

Optical cover finish	Opal
Overall length	350 mm
Overall width	350 mm
Overall height	95 mm
Overall diameter	350 mm
Dimensions (Height x Width x Depth)	95 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	(0.44, 0.41) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Driver failure rate at 5000 h	0.7 %
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	<sup>6</sup> L70
50000 h	
Application Conditions	
	25 °C
Application Conditions	25 °C 10%
Application Conditions Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Maximum dim level	10%
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	10%
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	10% Yes
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	10% Yes WL131V LED20S/830 PSR MDU WH
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Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 912401483192 912401483192
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	10% Yes WL131V LED20S/830 PSR MDU WH WL131V LED20S/830 PSR MDU WH 871869938788499 912401483192 912401483192 1

Optic material

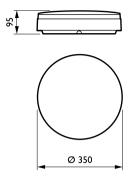
Fixation material

Housing Color

Optical cover material

## **CoreLine Wall-mounted**

Dimensional drawing





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