PHILIPS Lighting



CoreLine Wallmounted

WL131V LED20S/840 PSR MDU WH

CoreLine Wall-mounted, 25 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

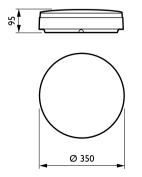
General Information	
Lamp family code	LED20 [LED Module 2000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in 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
Value ladder	Performance

Embedded control	ntrol Movement detection unit	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
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	

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Optic type	Opal prismatic reflector	Overall height	95 mm
Optical cover type	Opal bowl with painted cover	Overall diameter	350 mm
Luminaire light beam spread	120°	Dimensions (Height x Width x Depth)	95 x 350 x 350 mm
Operating and Electrical		Approval and Application	
Input Voltage	220-240 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proo
Line Frequency	50 to 60 Hz	Mech. impact protection code	IK08 [5 J vandal-protected]
Initial CLO power consumption	NA W	Protection class IEC	Safety class II
Average CLO power consumption	NAW		
End CLO power consumption	NA W	Initial Performance (IEC Compliant)	
Inrush current	27 A	Luminous flux tolerance	+/-10%
Inrush time	265 ms	Initial chromaticity	(0.39, 0.39) SDCM<3
Power Consumption	25 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.8		
Connection	Push-in connector 6-pole	Over Time Performance (IEC Compliant)	
Cable	-	Driver failure rate at 5000 h	0.7 %
Number of products on MCB of 16 A type	18	Control gear failure rate at median useful	5 %
В		life 50000 h	
		Lumen maintenance at median useful life	* L70
Temperature		50000 h	
Ambient temperature range	-20 to +40 °C		
		Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 ℃
Dimmable	Yes	Maximum dim level	10%
Driver/power unit/transformer	Power supply unit regulating	Suitable for random switching	Yes
Control interface	Sensor-based dim		
Constant light output	No	Product Data	
		Order product name	WL131V LED20S/840 PSR MDU WH
Mechanical and Housing		Full product name	WL131V LED20S/840 PSR MDU WH
Housing Material	Polyamide	Full product code	871869938789199
Reflector material	-	Order code	912401483193
Optic material	Polycarbonate	Material Nr. (12NC)	912401483193
Optical cover material	Polycarbonate	Numerator - Quantity Per Pack	1
Fixation material	-	EAN/UPC - Product/Case	8718699387891
Housing Color	White	Numerator - Packs per outer box	6
Optical cover finish	Opal	EAN/UPC - Case	8718699388072
Overall length	350 mm		
Overall width	350 mm		

Dimensional drawing



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