PHILIPS Lighting



CoreLine Wallmounted

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	
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

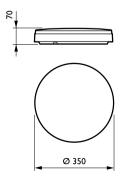
Embedded control	Movement detection unit
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	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
Optical cover type	Opal bowl with painted cover	Overall diameter
Luminaire light beam spread	120°	Dimensions (Height x Wi
Operating and Electrical		Approval and Applica
Input Voltage	220-240 V	Ingress protection code
Line Frequency	50 to 60 Hz	Mech. impact protection
Initial CLO power consumption	NAW	Protection class IEC
Average CLO power consumption	NAW	
End CLO power consumption	NAW	Initial Performance (
Inrush current	21.3 A	Luminous flux tolerance
Inrush time	1.84 ms	Initial chromaticity
Power Consumption	23 W	Power consumption tole
Power Factor (Fraction)	0.9	_
Connection	Push-in connector 3-pole	Over Time Performan
Cable	-	Driver failure rate at 500
Number of products on MCB of 16 A type	32	Control gear failure rate
в		life 50000 h
		Lumen maintenance at n
Temperature		50000 h
Ambient temperature range	-20 to +40 °C	
		Application Conditio
Controls and Dimming		Performance ambient te
Dimmable	No	Maximum dim level
Driver/power unit/transformer	Power supply unit regulating	Suitable for random swit
Control interface	Sensor-based dim	_
Constant light output	No	Product Data
		Order product name
Mechanical and Housing		Full product name
Housing Material	Polyamide	Full product code
Reflector material	-	Order code
Optic material	Polycarbonate	Material Nr. (12NC)
Optical cover material	Polycarbonate	Numerator - Quantity Pe
Fixation material	-	EAN/UPC - Product/Cas
Housing Color	White	Numerator - Packs per o
Optical cover finish	Opal	EAN/UPC - Case
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 Complia	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*	L70
50000 h	
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



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