



CoreLine Wallmounted

WL130V LED20S/840 PSU WH

CoreLine Wall-mounted, 22 W, D350 mm, 2000 lm, 4000 K, IP65

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

Product data

General Information		
Lamp family code	LED20 [LED Module 2000 lm]	
Light source replaceable	No	
Number of gear units	Unit	
Driver included	Yes	
Remarks	*- According to the Lighting Europe	
	guidance paper 'Evaluating performance of	
	LED based luminaires – January 2018':	
	statistically there is no relevant difference in	
	lumen maintenance between the B50 and,	
	for example, the B10. Therefore, the median	
	useful life (B50) value also represents the	
	B10 value.	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	

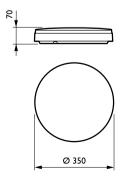
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 650 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	2,000 lm	
Correlated Colour Temperature	4000 K	
Luminous efficacy (rated) (nom.)	90 lm/W	
Colour rendering index (CRI)	80	
Beam angle of light source	120 degree(s)	
Light source colour	840 neutral white	
Optic type	Opal prismatic reflector	
Optical cover type	Opal bowl with painted cover	

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Luminaire light beam spread	120°	Dimensions (height x width x depth)	70 x 350 x 350 mm	
Operating and Electrical		Approval and Application		
Input Voltage	220-240 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proc	
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	NAW	Initial Performance (IEC Compliant)		
Inrush current	21.3 A	Luminous flux tolerance	+/-10%	
Inrush time	1.84 ms	Initial chromaticity	(0.44, 0.41) SDCM<3	
Power Consumption	22 W	Power consumption tolerance	+/-10%	
Power Factor (Fraction)	0.9			
Connection	Push-in connector 3-pole	Over Time Performance (IEC Compli	Over Time Performance (IEC Compliant)	
Cable	-	Driver failure rate at 5,000 hours	0.7 %	
Number of products on MCB of 16 A type	32	Control gear failure rate at median useful	5 %	
в		life 50,000 h		
		Lumen maintenance at median useful life*	L70	
Temperature		50,000 h		
Ambient temperature range	-20 to +40 °C			
		Application Conditions		
Controls and Dimming		Performance ambient temperature Tq	25 ℃	
Dimmable	No	Maximum dim level	Not applicable	
Driver/power unit/transformer	Power supply unit (On/Off)	Suitable for random switching	Yes	
Constant light output	No			
		Product Data		
Mechanical and Housing		Order product name	WL130V LED20S/840 PSU WH	
Housing material	Polyamide	Full product name	WL130V LED20S/840 PSU WH	
Reflector material	-	Full EOC	871869938781599	
Optic material	Polycarbonate	Order code	38781599	
Optical cover/lens material	Polycarbonate	Material no. (12 NC)	912401483185	
Fixation material	-	SAP numerator - quantity per pack	1	
Housing Colour	White	EAN/UPC — Product/Case	8718699387815	
Optical cover/lens finish	Opal	Numerator – packs per outer box	6	
Overall length	350 mm	EAN/UPC - Case	8718699387990	
Overall width	350 mm			
Overall height	70 mm			
Overall diameter	350 mm			

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 Complia	ant)	
Driver failure rate at 5,000 hours	0.7 %	
Control gear failure rate at median useful	5 %	
life 50,000 h		
Lumen maintenance at median useful life*	L70	
50,000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Suitable for random switching	Yes	
Product Data		
Order product name	WL130V LED20S/840 PSU WH	
Full product name	WL130V LED20S/840 PSU WH	
Full EOC	871869938781599	
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Dimensional drawing



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