PHILIPS Lighting



CoreLine Wallmounted

WL120V LED16S/830 PSU WH

CoreLine Wall-mounted, 24 W, D344 mm, 1600 lm, 3000 K, 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	LED16S [LED Module, system flux 1600 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.	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	3 years + 2 years upon registration	

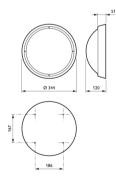
Flammability mark	For mounting on normally flammable surfaces	
ENEC mark	-	
Glow-wire test	Temperature 850 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	1,600 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	67 lm/W	
Color rendering index (CRI)	>80	
Number of light sources	1	
Beam angle of light source	120 degree(s)	
Light source color	830 warm white	
Optic type	Symmetrical	
Luminaire light beam spread	180°	

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Operating and Electrical		Overall d
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Approv
Inrush current	22 A	Ingress p
Inrush time	0.32 ms	Mech. im
Power Consumption	24 W	Protectio
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	Initial P
Cable	-	Luminou
Number of products on MCB of 16 A	15	Initial ch
type B		Power co
Temperature		Applica
Ambient temperature range	-20 to +35 °C	Performa
		Suitable
Controls and Dimming		
Dimmable	No	Product
Driver/power unit/transformer	Power supply unit (On/Off)	Order pro
Constant light output	No	Full prod
		Full prod
Mechanical and Housing		Order co
Housing Material	Composite materials	Material
Reflector material	-	Numerat
Optic material	Polycarbonate	EAN/UP
Optical cover material	Polycarbonate	Numerat
Fixation material	Polyamide	EAN/UP
Housing Color	White	
Optical cover finish	Opal	
Overall height	120 mm	

Overall diameter	344 mm	
Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK10 [20 J vandal-resistant]	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.47, 0.42) SDCM<3	
Power consumption tolerance	+/-10%	
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Suitable for random switching	No	
Product Data		
Order product name	WL120V LED16S/830 PSU WH	
Full product name	WL120V LED16S/830 PSU WH	
Full product code	871869606639399	
Order code	910503910016	
Material Nr. (12NC)	910503910016	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696066393	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8718696066515	

Dimensional drawing



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