PHILIPS Lighting



CoreLine Wallmounted

WL120V LED12S/840 PSU WH

CoreLine Wall-mounted, 18 W, D344 mm, 1200 lm, 4000 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	LED12S [LED module, system flux 1200 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

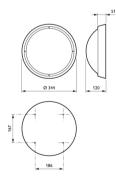
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	67 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	180°

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Operating and Electrical		Overall dia
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Approval
Inrush current	22 A	Ingress pro
Inrush time	0.32 ms	Mech. impa
Power Consumption	18 W	Protection
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	Initial Per
Cable	-	Luminous f
Number of products on MCB of 16 A	15	Initial chror
type B		Power cons
Temperature		Applicatio
Ambient temperature range	-20 to +35 °C	Performance
		Suitable for
Controls and Dimming		
Dimmable	No	Product D
Driver/power unit/transformer	Power supply unit (On/Off)	Order prod
Constant light output	No	Full produc
		Full produc
Mechanical and Housing		Order code
Housing Material	Composite materials	Material Nr
Reflector material	-	Numerator
Optic material	Polycarbonate	EAN/UPC -
Optical cover material	Polycarbonate	Numerator
Fixation material	Polyamide	EAN/UPC -
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 Complian	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.37, 0.37) SDCM<3
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
8	110
Product Data	
	WL120V LED12S/840 PSU WH
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Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	WL120V LED12S/840 PSU WH WL120V LED12S/840 PSU WH 871869606635599 06635599 910503910012
Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	WL12OV LED12S/840 PSU WH WL12OV LED12S/840 PSU WH 871869606635599 06635599 910503910012 1
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Dimensional drawing



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