

CoreLine Wall-mounted

WL120V LED12S/840 PSU GR

LED module, system flux 1200 lm, 840 neutral white, Power supply unit (On/Off), Grey

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

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Luminaire light beam spread	180°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.32 ms
Power Consumption	18 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	15

Temperature

Ambient temperature range	-20 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Composite materials
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polyamide
Housing Color	Grey
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	(0.37, 0.37) SDCM<3
Power consumption tolerance	+/-10%

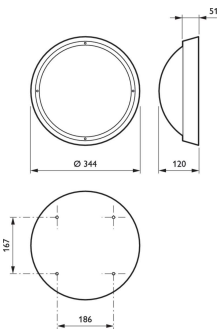
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	WL120V LED12S/840 PSU GR
Full product name	WL120V LED12S/840 PSU GR
Full product code	871869606636299
Order code	910503910013
Material Nr. (12NC)	910503910013
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696066362
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696066485

Dimensional drawing





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2023, April 29 - data subject to change