



CoreLine Wall-mounted

WL120V LED16S/830 PSU GR

LED Module, system flux 1600 lm, 830 warm 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	LED16S [LED Module, system flux 1600 lm]	Warranty period	3 years + 2 years upon registration
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	ENEC mark	-
Driver included	Yes	Glow-wire test	Temperature 850 °C, duration 30 s
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.	EU RoHS compliant	Yes
Lighting Technology		Light Technical	
Lighting Technology	LED	Luminous Flux	1,600 lm
Value ladder	Performance	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	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

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Luminaire light beam spread	180°
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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	24 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
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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	(0.47, 0.42) SDCM<3
Power consumption tolerance	+/-10%

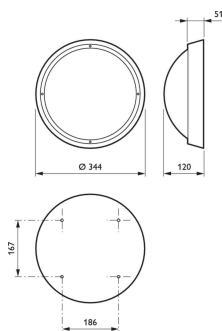
Application Conditions

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

Product Data

Order product name	WL120V LED16S/830 PSU GR
Full product name	WL120V LED16S/830 PSU GR
Full product code	871869606640999
Order code	910503910017
Material Nr. (12NC)	910503910017
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696066409
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696066522

Dimensional drawing



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