



CoreLine Wall-mounted

WL120V LED16S/840 PSU EL3 MDU WH

CoreLine Wall-mounted, LED Module, system flux 1600 lm, 840 neutral white, Power supply unit regulating, Emergency lighting 3 hours duration, Movement detection unit, White

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V is fast and straightforward. This family includes Interact ready luminaires with integrated wireless communications, ready for use with Interact gateways, sensors and software.

Product data

General Information			
Lamp family code	LED16S [LED Module, system flux 1600 lm]	B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Light source replaceable	No	Product family code	WL120V [CoreLine Wall-mounted]
Number of gear units	1 unit	Lighting Technology	LED
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	Flammability mark	For mounting on normally flammable surfaces
		CE mark	Yes
		ENEC mark	ENEC mark
		Warranty period	3 years + 2 years upon registration
		EU RoHS compliant	Yes
		Value ladder	Performance

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Embedded control	Movement detection unit
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Light Technical

Luminous Flux	1,600 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°

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)	0.95
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	15

Temperature

Ambient temperature range	0 to +25 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No

Mechanical and Housing

Housing Material	Composite materials
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Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polyamide
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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

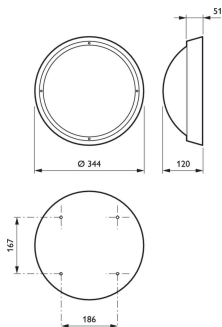
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Order product name	WL120V LED16S/840 PSU EL3 MDU WH
Full product name	WL120V LED16S/840 PSU EL3 MDU WH
Full product code	871869624114100
Order code	910500454813
Material Nr. (12NC)	910500454813
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696241141
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696241141

Dimensional drawing



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