

CoreLine Wall-mounted

WL120V LED16S/830 PSU EL3 MDU WH

CoreLine Wall-mounted, LED Module, system flux 1600 lm, 830 warm white, Power supply unit regulating, Emergency lighting: three-hour duration, Movement detection unit, White

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

Product data

General Information	
Lamp family code	LED16S [LED Module, system flux 1600 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	WL120V [CoreLine Wall-mounted]
Lighting Technology	LED
Value ladder	Performance

Embedded control	Movement detection unit
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,600 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	67 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)

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Light source colour	830 warm 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

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
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polyamide
Housing Colour	White
Optical cover/lens 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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

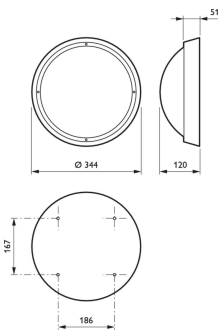
Application Conditions

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

Product Data

Order product name	WL120V LED16S/830 PSU EL3 MDU WH
Full product name	WL120V LED16S/830 PSU EL3 MDU WH
Full EOC	871869624108000
Order code	24108000
Material no. (12 NC)	910500454807
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696241080
Numerator – packs per outer box	1
EAN/UPC - Case	8718696241080

Dimensional drawing





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2023, April 29 - data subject to change