



# CoreLine Wall-mounted

## WL121V LED5S/830 PSU WH

CoreLine Wall-mounted, 8 W, 144x76 mm, 500 lm, 3000 K, IP65

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	LED5S [LED Module, system flux 500 lm]	ENEC mark	-
Light source replaceable	No	Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	Unit	EU RoHS compliant	Yes
Driver included	Yes	Light Technical	
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.	Luminous Flux	500 lm
Lighting Technology	LED	Correlated Colour Temperature	3000 K
Value ladder	Performance	Luminous efficacy (rated) (nom.)	63 lm/W
CE mark	Yes	Colour rendering index (CRI)	>80
Warranty period	3 years + 2 years upon registration	Beam angle of light source	120 degree(s)
Flammability mark	For mounting on normally flammable surfaces	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

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Inrush current	4 A
Inrush time	0.37 ms
Power Consumption	8 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	30

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/lens material	Polycarbonate
Fixation material	Polyamide
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	298 mm
Overall width	175.8 mm
Overall height	85 mm

Dimensions (height x width x depth)	85 x 176 x 298 mm
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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%

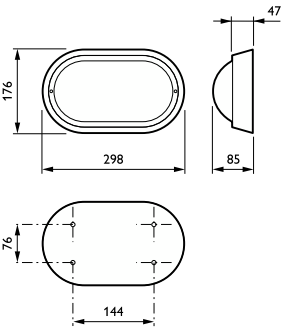
Application Conditions

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

Product Data

Order product name	WL121V LED5S/830 PSU WH
Full product name	WL121V LED5S/830 PSU WH
Full EOC	871869606643099
Order code	06643099
Material no. (12 NC)	910503910020
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696066430
Numerator – packs per outer box	12
EAN/UPC - Case	8718696066553

Dimensional drawing



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