![Philips Lighting logo]

CoreLine Wall-mounted

WL120V LED12S/830 PSU EL3 GR

CoreLine Wall-mounted, LED module, system flux 1200 lm, 830 warm white, Power supply unit (On/Off), Emergency lighting 3 hours duration, 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.
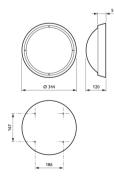
Product data

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.
Product family code	WL120V [CoreLine Wall-mounted]
Lighting Technology	LED

Value ladder	Performance
Embedded control	–
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	1,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	67 lm/W

CoreLine Wall-mounted

Color rendering index (CRI)	80		Housing Color	Grey
Number of light sources	1		Optical cover finish	Opal
Beam angle of light source	120 degree(s)		Overall height	120 mm
Light source color	830 warm white		Overall diameter	344 mm
Optic type	Symmetrical			
Luminaire light beam spread	180°		**Approval and Application**	
			Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Operating and Electrical			Mech. impact protection code	IK10 [20 J vandal-resistant]
Input Voltage	220 to 240 V		Protection class IEC	Safety class I
Line Frequency	50 to 60 Hz			
Inrush current	22 A		**Initial Performance (IEC Compliant)**	
Inrush time	0.32 ms		Luminous flux tolerance	+/-10%
Power Consumption	18 W		Initial chromaticity	(0.43, 0.40) SDCM <3
Power Factor (Fraction)	0.95		Power consumption tolerance	+/-10%
Connection	Push-in connector and pull relief			
Cable	–		**Application Conditions**	
Number of products on MCB of 16 A type B	15		Performance ambient temperature Tq	25 °C
			Maximum dim level	Not applicable
Temperature			Suitable for random switching	No
Ambient temperature range	0 to +25 °C			
			Product Data	
Controls and Dimming			Order product name	WL120V LED12S/830 PSU EL3 GR
Dimmable	No		Full product name	WL120V LED12S/830 PSU EL3 GR
Driver/power unit/transformer	Power supply unit (On/Off)		Full product code	871869624291900
Constant light output	No		Order code	910500454792
			Material Nr. (12NC)	910500454792
Mechanical and Housing			Numerator – Quantity Per Pack	1
Housing Material	Composite materials		EAN/UPC – Product/Case	8718696240946
Reflector material	–		Numerator – Packs per outer box	1
Optic material	Polycarbonate		EAN/UPC – Case	8718696242919
Optical cover material	Polycarbonate			
Fixation material	Polyamide			

Dimensional drawing