PHILIPS Lighting



CoreLine Waterproof

WT120C G2 LED60S/840 PSU WEC L1500

WT130C | Coreline Waterproof G2 LSC - LED60S | LED Module, system flux 6000 lm - 840 neutral white - Power supply unit

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. With its slim and stylish design, it retains the product architecture that the range is well-known and appreciated for. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. A direct replacement for traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W, it delivers significant energy savings. Interact Ready luminaires with integrated wireless communications are also available in the CoreLine waterproof range, ready to be used with Interact connected lighting system.

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- · Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information	
Lamp family code	LED60S [LED Module, system flux 6000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Feed-through wiring	Simple Connection and removable cover
	available for feed-through wiring 1-phase
	(internal wiring is not included)
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.
Service tag	Yes
Product family code	WT130C [Coreline Waterproof G2 LSC]
Lighting Technology	LED
Value ladder	Performance
Light Technical	
Luminous Flux	6,000 lumen

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	136 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	44 W
Inrush current	5.56 A
Inrush time	0.047 ms
Power Factor (Fraction)	0.9
Connection	Waterproof External plug-in connector 3-pole
Cable	-
Number of products on MCB of 10	6 A type 36

Number of products on MCB of 16 A type 36

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Wiring		
Connector Type	Adels	
Temperature		
Ambient temperature range	−20 to +35 °C	

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
Constant light output	No

Mechanical and Housing

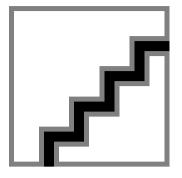
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover/lens finish	Frosted
Overall length	1,515 mm
Overall width	80 mm

Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proc
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surface
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
EU RoHS compliant	Yes
Initial Performance (IEC Compliant	:)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median	5 %
useful life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
	25 °C
Application Conditions	25 °C Not applicable
Application Conditions Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	Not applicable Not applicable
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code	Not applicable Not applicable 871869916318100
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name	Not applicable Not applicable 871869916318100 WT120C G2 LED60S/840 PSU WEC L1500
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code	Not applicable Not applicable 871869916318100 WT120C G2 LED60S/840 PSU WEC L1500 910505100069
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack	Not applicable Not applicable 871869916318100 WT120C G2 LED60S/840 PSU WEC L1500 910505100069 1
Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	Not applicable Not applicable 871869916318100 WT120C G2 LED60S/840 PSU WEC L1500 910505100069 1
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Dimensional drawing





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