



# CoreLine Waterproof

## WT120C G2 LED19S/840 PSU L600

CoreLine Waterproof, 15 W, L600 mm, 1900 lm, 4000 K, Wide beam, Matte, IP65, IK08, TW1-ready

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 Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

### 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			
Light source replaceable	No	example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Number of gear units	Unit		
Driver included	Yes		
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	Lighting Technology	LED
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	Value ladder	Performance
		CE mark	CE mark
		Warranty period	5 years
		Flammability mark	For mounting on easily flammable surfaces
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 850 °C, duration 30 s
		EU RoHS compliant	Yes

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<b>Light Technical</b>	
Luminous Flux	1,900 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	127 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified Glare Rating (CEN)	25

<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	3.58 A
Inrush time	0.04 ms
Power Consumption	15 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	80

<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C

<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

<b>Mechanical and Housing</b>	
Housing material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	Grey
Optical cover/lens finish	Matte
Overall length	665 mm
Overall width	80 mm

Overall height	76 mm
Dimensions (height x width x depth)	76 x 80 x 665 mm

<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%

<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	85
Lumen maintenance at median useful life* 100,000 h	70

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

<b>Product Data</b>	
Order product name	WT120C G2 LED19S/840 PSU L600
Full product name	WT120C G2 LED19S/840 PSU L600
Full EOC	871829184045900
Order code	84045900
Material no. (12 NC)	911401823480
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291840459
Numerator – packs per outer box	9
EAN/UPC - Case	8710163346311

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Dimensional drawing

