



CoreLine Waterproof

WT120C LED60S/840 PSU TW1 WEC L1500

CoreLine Waterproof, 48 W, L1500 mm, 6000 lm, 4000 K, Textured, IP65, IK08, TW1, Adels

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			
Lamp family code	-		useful life (B50) value also represents the B10 value.
Light source replaceable	No	Product family code	WT120C [Coreline Waterproof]
Number of gear units	Unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Performance
Feed-through wiring	Feed-through wiring 1-phase	CE mark	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	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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Light Technical	
Luminous Flux	6,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	125 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Luminaire light beam spread	110°
Unified Glare Rating (CEN)	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	29 A
Inrush time	0.305 ms
Power Consumption	48 W
Power Factor (Fraction)	0.9
Connection	Waterproof External plug-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	13
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)
Constant light output	No
Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Steel
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel

Housing Colour	Grey
Optical cover/lens finish	Textured
Overall length	1,612 mm
Overall width	87 mm
Overall height	96 mm
Dimensions (height x width x depth)	96 x 87 x 1612 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L75
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Order product name	WT120C LED60S/840 PSU TW1 WEC L1500
Full product name	WT120C LED60S/840 PSU TW1 WEC L1500
Full EOC	871869916319800
Order code	16319800
Material no. (12 NC)	910500459303
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699163198
Numerator – packs per outer box	1
EAN/UPC – Case	8718699163198

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Dimensional drawing

