CoreLine Waterproof

WT120C LED40S/840 PSU L1200

Coreline Waterproof, 840 neutral white, Power supply unit (On/Off)

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	–
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	WT120C [Coreline Waterproof]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces

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ENEC mark	ENEC mark		**Fixation material**	Stainless steel
Glow-wire test	Temperature 850 °C, duration 30 s		**Housing Color**	Grey
EU RoHS compliant	Yes		**Optical cover finish**	Textured
			Overall length	1,250 mm
Light Technical			**Overall width**	87 mm
Luminous Flux	4,100 lm		**Overall height**	96 mm
Correlated Color Temperature (Nom)	4000 K		**Dimensions (Height x Width x Depth)**	96 x 87 x 1250 mm
Luminous Efficacy (rated) (Nom)	115 lm/W			
Color rendering index (CRI)	≥80		**Approval and Application**	
Number of light sources	1		**Ingress protection code**	IP65 [Dust penetration-protected, jet-proof]
Beam angle of light source	120 degree(s)		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Light source color	840 neutral white		**Protection class IEC**	Safety class I
Optic type	–			
Optical cover type	Polycarbonate bowl/cover		**Initial Performance (IEC Compliant)**	
Luminaire light beam spread	110°		**Luminous flux tolerance**	+/-10%
Unified glare rating CEN	24		**Initial chromaticity**	(0.38, 0.38) SDCM <3
			Power consumption tolerance	+/-10%
Operating and Electrical				
Input Voltage	220 to 240 V		**Over Time Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		**Control gear failure rate at median useful life 50000 h**	5 %
Inrush current	8 A			
Inrush time	0.060 ms		**Lumen maintenance at median useful life* 50000 h**	L75
Power Consumption	35.5 W			
Power Factor (Fraction)	0.9			
Connection	Push-in connector 3-pole		**Application Conditions**	
Cable	–		**Performance ambient temperature Tq**	25 °C
Number of products on MCB of 16 A type B	24		**Maximum dim level**	Not applicable
			Suitable for random switching	Yes
Temperature				
Ambient temperature range	–20 to +35 °C		**Product Data**	
			Order product name	WT120C LED40S/840 PSU L1200
Controls and Dimming			**Full product name**	WT120C LED40S/840 PSU L1200
Dimmable	No		**Full product code**	871829184048000
Driver/power unit/transformer	Power supply unit (On/Off)		**Order code**	910500453338
Constant light output	No		**Material Nr. (12NC)**	910500453338
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**EAN/UPC – Product/Case**	8718291840480
Housing Material	Polycarbonate		**Numerator – Packs per outer box**	1
Reflector material	Steel		**EAN/UPC – Case**	8718291840480
Optic material	–			
Optical cover material	Polycarbonate			

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Dimensional drawing