CoreLine Waterproof

WT120C LED60S/840 PSU L1500 EL3

Coreline Waterproof, 840 neutral white, Power supply unit (On/Off), Emergency lighting 3 hours duration

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.

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.
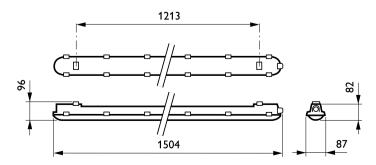
Product data

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
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 ℃, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	6,000 lm
Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	115 lm/W		Overall width	87 mm
Color rendering index (CRI)	≥80		Overall height	96 mm
Number of light sources	1		Dimensions (Height x Width x Depth)	96 x 87 x 1504 mm
Light source color	840 neutral white			
Optic type	–		**Approval and Application**	
Optical cover type	Polycarbonate bowl/cover		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	110°		Mech. impact protection code	IK08 [5 J vandal-protected]
Unified glare rating CEN	25		Protection class IEC	Safety class I
Operating and Electrical			**Initial Performance (IEC Compliant)**	
Input Voltage	220 to 240 V		Luminous flux tolerance	+/-10%
Line Frequency	50 to 60 Hz		Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush current	8 A		Power consumption tolerance	+/-10%
Inrush time	0.060 ms			
Power Consumption	52 W		**Over Time Performance (IEC Compliant)**	
Power Factor (Fraction)	0.9		Control gear failure rate at median useful life 50000 h	5 %
Connection	Push-in connector 4-pole			
Cable	–		Lumen maintenance at median useful life* 50000 h	L75
Number of products on MCB of 16 A type B	24			
			Application Conditions	
Temperature			Performance ambient temperature Tq	25 °C
Ambient temperature range	0 to +25 °C		Maximum dim level	Not applicable
			Suitable for random switching	Yes
Controls and Dimming				
Dimmable	No		**Product Data**	
Driver/power unit/transformer	Power supply unit (On/Off)		Order product name	WT120C LED60S/840 PSU L1500 EL3
Constant light output	No		Full product name	WT120C LED60S/840 PSU L1500 EL3
			Full product code	871829185421000
Mechanical and Housing			Order code	910500454306
Housing Material	Polycarbonate		Material Nr. (12NC)	910500454306
Reflector material	Steel		Numerator – Quantity Per Pack	1
Optic material	–		EAN/UPC – Product/Case	8718291854210
Optical cover material	Polycarbonate		Numerator – Packs per outer box	1
Fixation material	Stainless steel		EAN/UPC – Case	8718291854210
Housing Color	Grey			
Optical cover finish	Textured			
Overall length	1,504 mm			

Dimensional drawing

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2023, August 3 – data subject to change