PHILIPS Lighting



CoreLine Waterproof

WT120C LED34S/840 PSU TW3 L1500

Coreline Waterproof, 840 neutral white, Power supply unit (On/Off), Feed-through wiring 3-phase

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	-
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Feed-through wiring	Feed-through wiring 3-phase
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
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	110°
Unified glare rating CEN	23

Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Grey Optical cover finish Textured Overall length 1,530 mm Overall width 87 mm Overall height 96 mm Overall diameter 1,530 mm Dimensions (Height x Width x Depth) 96 x 87 x 1530 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	5 %
life 50000 h	
Lumen maintenance at median useful life*	L75
50000 h	

Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Suitable for random switching Yes

Product Data

Troduct Data	
Order product name	WT120C LED34S/840 PSU TW3 L1500
Full product name	WT120C LED34S/840 PSU TW3 L1500
Full product code	871869691686500
Order code	910500458795
Material Nr. (12NC)	910500458795
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696916865
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696916865

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	No W W
End CLO power consumption	- W
Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	29.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type	24
В	

Temperature

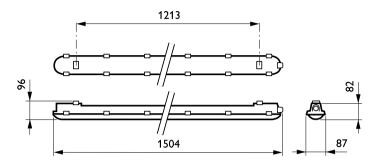
Ambient temperature range

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	-

-20 to +35 °C

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Dimensional drawing





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