



CoreLine Waterproof

WT120C LED60S/840 PSU TW3 L1500

Coreline Waterproof – – 840 neutral white – Power supply unit

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. CoreLine waterproof products can directly replace traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W. With its slim and stylish design, it continues to keep its well-known and appreciated architecture. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. Interact Ready luminaires with integrated wireless communications are also available in this range, ready to be used with Interact gateways, sensors and software.

Product data

General Information			
Number of light sources	1 pc	Cable	-
Lamp family code	-	Protection class IEC	Safety class I
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 30 s
Light source color	840 neutral white	Flammability mark	For mounting on easily flammable surfaces
Cap-Base	- [-]	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	UL mark	-
Gear	-	Warranty period	5 years
Driver/power unit/transformer	Power supply unit	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.
Driver included	Yes	Constant light output	No
Optic type	-		
Luminaire light beam spread	110°		
Emergency lighting	-		
Control interface	-		
Connection	Push-in connector 5-pole		

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Number of products on MCB of 16 A type B 24	
RoHS mark	RoHS mark
Serviceability class	-
Product family code	WT120C [Coreline Waterproof]
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	8 A
Inrush time	0.060 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	-
Optical cover/lens material	Polycarbonate
Gear tray material	NO
Fixation material	Stainless steel
Optical cover/lens finish	Textured
Overall length	1530 mm
Overall width	87 mm
Overall height	96 mm
Color	Gray

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	6000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	48 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

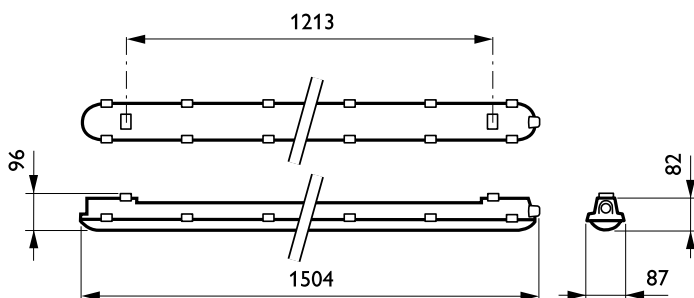
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871869691688900
Order product name	WT120C LED60S/840 PSU TW3 L1500
EAN/UPC - Product	8718696916889
Order code	910500458797
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500458797
Net Weight (Piece)	1.820 kg

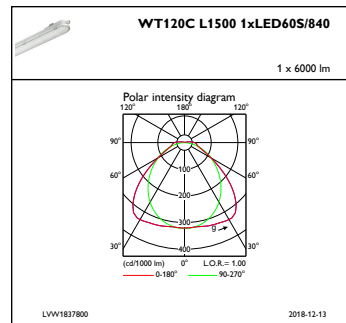
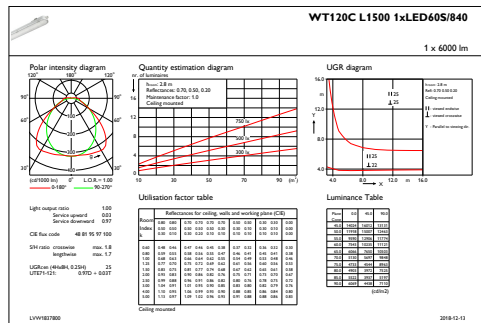


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



IFGU1_WT120CL15001xLED60S840

IFPC1_WT120CL15001xLED60S840

