



CoreLine Waterproof

WT120C G2 LED75S/840 PSU PCO L1500

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		ENEC mark	
Beam angle of light source	- °	Warranty period	5 years
Light source color	840 neutral white	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.
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB of 16 A type	18
Driver/power unit/transformer	Power supply unit	B	
Driver included	Yes	RoHS mark	-
Optic type	Beam angle 110°	Service tag	Yes
Luminaire light beam spread	135°	Unified glare rating CEN	28
Control interface	-		
Connection	Push-in connector 3-pole		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 30 s		
Flammability mark	For mounting on easily flammable surfaces		
CE mark	CE mark		

CoreLine Waterproof

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	6.9 A
Inrush time	0.058 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1515 mm
Overall width	80 mm
Overall height	76 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)	7500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	131.35 lm/W

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<=3
Initial input power	57.1 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

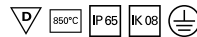
Control gear failure rate at median useful life 50000 h	1.75 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

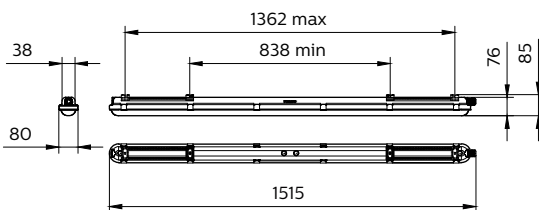
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016334981799
Order product name	WT120C G2 LED75S/840 PSU PCO L1500
EAN/UPC - Product	8710163349817
Order code	911401837480
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9
Material Nr. (12NC)	911401837480
Net Weight (Piece)	1.700 kg

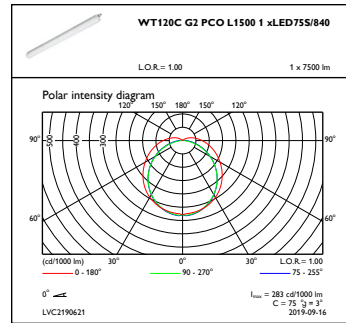
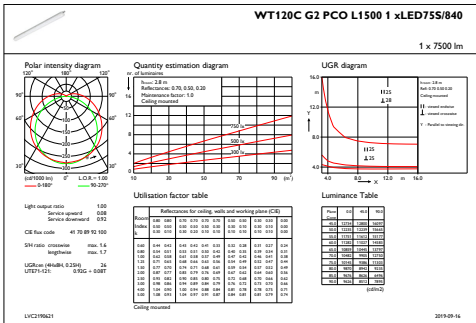


Dimensional drawing



CoreLine Waterproof WT120C

Photometric data



IFGU1_WT120CG2PCOL15002xLED75S840

OFPC1_WT120CG2PCOL15002xLED75S840

