



CoreLine Waterproof

WT120C G2 LED60S/865 PSU L1500

865 cool daylight - Power supply unit

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			
Light source color	865 cool daylight	Glow-wire test	Temperature 850 °C, duration 30 s
Light source replaceable	No	Flammability mark	For mounting on easily flammable surfaces
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	Beam angle 110°	Constant light output	No
Luminaire light beam spread	105°	Number of products on MCB of 16 A type B	45
Control interface	-	EU RoHS compliant	Yes
Connection	Push-in connector 3-pole	Unified glare rating CEN	25
Cable	-		
Protection class IEC	Safety class I		

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Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	5.56 A
Inrush time	0.047 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	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	-
Overall length	1515 mm
Overall width	80 mm
Overall height	76 mm
Color	Gray
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm (3 x 3.1 x 59.6 in)

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	140 lm/W
Init. Corr. Color Temperature	6500 K

Init. Color Rendering Index	>80
Initial chromaticity	(0.31,0.32)SDCM<=3
Initial input power	43 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

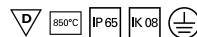
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80
Lumen maintenance at median useful life* 75000 h	-
Lumen maintenance at median useful life* 100000 h	-

Application conditions

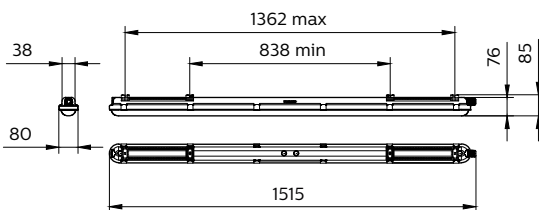
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product data

Full product code	871016336935899
Order product name	WT120C G2 LED60S/865 PSU L1500
EAN/UPC - Product	8710163369358
Order code	911401824581
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9
Material Nr. (12NC)	911401824581
Net Weight (Piece)	1.700 kg



Dimensional drawing



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