



CoreLine Waterproof

WT120C G2 LED40S/865 PSU L1200

CoreLine Waterproof, 28.5 W, L1200 mm, 4000 lm, 6500 K, Wide beam, Matte, IP65, IK08, TW1-ready

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 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)
Lighting Technology	LED
Value ladder	Performance
CE mark	CE mark
Warranty period	5 years

Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80

Datasheet, 2023, October 25 data subject to change

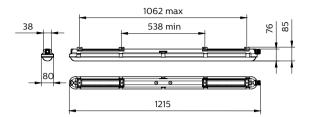
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Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	865 cool daylight
Optic type	Wide beam
Luminaire light beam spread	105°
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	14.2 A
Inrush time	0.222 ms
Power Consumption	28.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	36
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	
Driver/power unit/transformer	No
Driver/power unit/transformer	No Power supply unit (On/Off)
Constant light output	
	Power supply unit (On/Off)
	Power supply unit (On/Off)
Constant light output	Power supply unit (On/Off)
Constant light output Mechanical and Housing	Power supply unit (On/Off) No
Constant light output Mechanical and Housing Housing Material	Power supply unit (On/Off) No Polycarbonate
Mechanical and Housing Housing Material Reflector material	Power supply unit (On/Off) No Polycarbonate Steel
Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate Polycarbonate
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate Polycarbonate Stainless steel
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate Polycarbonate Stainless steel Gray
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate Polycarbonate Stainless steel Gray Matte
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish Overall length	Power supply unit (On/Off) No Polycarbonate Steel Polycarbonate Polycarbonate Stainless steel Gray Matte 1,215 mm

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31,0.32)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	nt)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life $\!\!\!\!^*$	85
50000 h	
Lumen maintenance at median useful life*	70
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	WT120C G2 LED40S/865 PSU L1200
Full product name	WT120C G2 LED40S/865 PSU L1200
Full product code	871016336933499
Order code	911401824381
Material Nr. (12NC)	911401824381
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163369334
Numerator - Packs per outer box	9
EAN/UPC - Case	8710163369389

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Dimensional drawing





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