



# CoreLine Waterproof

## WT120C G2 LED80S/840 WIA L1500

CoreLine Waterproof, 61 W, L1500 mm, 8000 lm, 4000 K, Wireless, Interact Ready, Wide beam, Frosted, 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		Lighting Technology	
Light source replaceable	No	Value ladder	Performance
Number of gear units	1 unit	CE mark	CE mark
Driver included	Yes	Warranty period	5 years
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)	Flammability mark	For mounting on easily flammable surfaces
Product family code	WT130C [Coreline Waterproof G2 LSC]	ENEC mark	ENEC mark
Connectivity	Interact Ready	Glow-wire test	Temperature 850 °C, duration 30 s
		EU RoHS compliant	Yes

## CoreLine Waterproof

### Light Technical

Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	105°
Unified glare rating CEN	25

### Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Inrush current	19 A
Inrush time	0.23 ms
Power Consumption	61 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

### Temperature

Ambient temperature range	-20 to +35 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Frosted
Overall length	1,515 mm
Overall width	80 mm

Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1515 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	(0.38,0.38)SDCM<=3
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	80
Lumen maintenance at median useful life* 100000 h	70

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Not applicable

### Product Data

Order product name	WT120C G2 LED80S/840 WIA L1500
Full product name	WT120C G2 LED80S/840 WIA L1500
Full product code	871951496534800
Order code	910505103013
Material Nr. (12NC)	910505103013
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514965348
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514965348

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### Dimensional drawing

