



CoreLine Waterproof

WT120C G2 LED40S/840 WIA TW3 L1200

CoreLine Waterproof, 30 W, L1200 mm, 4000 lm, 4000 K, Wireless, Interact Ready, Wide beam, Frosted, IP65, IK08, TW3

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Waterproof range of LED products can be used to replace traditional waterproof luminaires with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch. Also available as an Interact Ready wireless CoreLine waterproof luminaire that works with Interact Pro lighting software and Interact Ready devices to provide a connected lighting system for SMEs

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		Flammability mark	
Light source replaceable	No	For mounting on easily flammable surfaces	
Number of gear units	Unit	ENEC mark	
Driver included	Yes	Glow-wire test	
Feed-through wiring	Feed-through wiring 3-phase	Temperature 850 °C, duration 30 s	
Product family code	WT130C [Coreline Waterproof G2 LSC]	EU RoHS compliant	
Connectivity	Interact Ready	Yes	
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	
CE mark	CE mark	4,000 lm	
Warranty period	5 years	Correlated Colour Temperature	
		4000 K	
		Luminous efficacy (rated) (nom.)	
		133 lm/W	
		Colour rendering index (CRI)	
		>80	

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Flickering value (PstLM)	1
Stroboscopic effect	1.6
Light source colour	840 neutral white
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	19 A
Inrush time	0.23 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	22

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/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	Grey
Optical cover/lens finish	Frosted
Overall length	1,215 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (height x width x depth)	76 x 80 x 1215 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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	85
Lumen maintenance at median useful life* 100,000 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 LED40S/840 WIA TW3 L1200
Full product name	WT120C G2 LED40S/840 WIA TW3 L1200
Full EOC	871869997580700
Order code	97580700
Material no. (12 NC)	910505101273
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699975807
Numerator – packs per outer box	1
EAN/UPC - Case	8718699975807

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Dimensional drawing

