



CoreLine Waterproof

WT120C G2 LED65S/840 WIA ELB3 L1500

CoreLine Waterproof, 48 W, L1500 mm, 6500 lm, 4000 K, Wireless, Interact Ready, Wide beam, Frosted, IP65, IK08, TW1-ready, ELB3h

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			
Light source replaceable	No		driver, control units, surge-protection device, front cover and mechanical parts
Number of gear units	Unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	Unclassified
Service Tag	Yes		
Lighting Technology	LED		
Value ladder	Performance	Light Technical	
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable):	Luminous Flux	6,500 lm
		Correlated Colour Temperature (Nom)	4000 K
		Luminous efficacy (rated) (nom.)	135 lm/W
		Colour rendering index (CRI)	>80

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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	48 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB (16 A type B)	22
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System-ready
Control interface	Wireless
Constant light output	No
Maximum dim level	10%
Connectivity	Interact Ready

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	1,515 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (height x width x depth)	76 x 80 x 1515 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	2.820 kg

Emergency Operation

Emergency flux	500 lm
Rated duration of the emergency lighting (when fully charged)	3 h

Additional max. power consumption when emergency battery is charging	3 W
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3-hours duration basic version
Emergency function testing method	Manual/Test button
Emergency lighting operation mode	Maintained

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Ambient temperature range	0 to +25 °C

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)

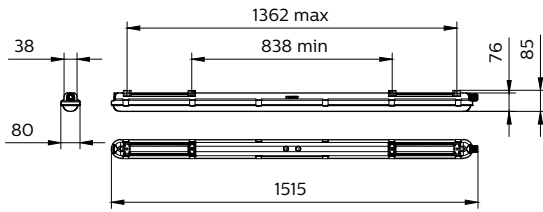
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L70

Product Data

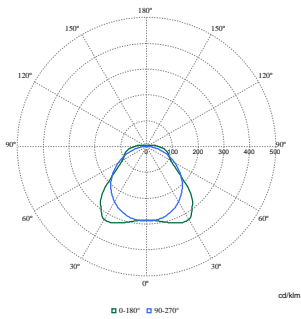
Order product name	WT120C G2 LED65S/840 WIA ELB3 L1500
Full product name	WT120C G2 LED65S/840 WIA ELB3 L1500
Full EOC	871869997579100
Order code	910505101272
Material no. (12 NC)	910505101272
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699975791
Numerator – packs per outer box	1
EAN/UPC – Case	8718699975791
Product family code	WT130C [Coreline Waterproof G2 LSC]

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Dimensional drawing



Photometric data



Polar Normal (separate) - WT120CI - 910505101272

