



CoreLine Waterproof

WT120C G2 LED60S/840 PSU L1500

- 840 neutral white - Power supply unit

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.

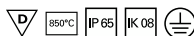
Product data

General information		Value ladder	Performance
Light source replaceable	No		
Number of gear units	Unit		
Driver included	Yes		
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.		
Lighting Technology	LED		
Light technical			
Luminous Flux		6,000 lm	
Correlated Colour Temperature		4000 K	
Luminous Efficacy (rated) (Nom)		140 lm/W	
Colour rendering index (CRI)		>80	
Flickering		1	
Stroboscopic effect		1.6	
Light source colour		840 neutral white	
Optic type		Wide beam	
Luminaire light beam spread		105°	

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Unified Glare Rating (CEN)	25
Operating and electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input frequency	50 or 60 Hz
Power Consumption	42.9 W
Inrush current	14.2 A
Inrush time	0.222 ms
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	No
Driver/power unit/transformer	Power supply unit
Control interface	-
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	Matte
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
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
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	L80
Application conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product data	
Full EOC	871829184049700
Order product name	WT120C G2 LED60S/840 PSU L1500
Order code	84049700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	9
Material number (12NC)	911401823880
Full product name	WT120C G2 LED60S/840 PSU L1500
EAN/UPC – Case	8710163346359



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Dimensional drawing

