



CoreLine Waterproof

WT120C G2 LED25S/840 PSU PCO L1200

- 840 neutral white - Power supply unit (ON/OFF)

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
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes

Lighting Technology	LED
Value ladder	Performance
Light Technical	
Luminous Flux	2,500 lumen
Luminous Efficacy (rated) (Nom)	122 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	Very wide beam
Luminaire light beam spread	135°

Datasheet, 2023, May 5 data subject to change

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Unified glare rating CEN	26
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	20.5 W
Inrush current	3.58 A
Inrush time	0.04 ms
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type	80
В	
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
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 Color	Gray
Optical cover/lens finish	Opal
Overall length	1,215 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN 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%
Init. Corr. Color Temperature	4000 K
Initial chromaticity	(0.38,0.38)SDCM<=3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25℃
Performance ambient temperature Tq Maximum dim level	25 °C Not applicable
Maximum dim level	Not applicable
Maximum dim level	Not applicable
Maximum dim level Suitable for random switching	Not applicable
Maximum dim level Suitable for random switching Product Data	Not applicable Not applicable
Maximum dim level Suitable for random switching Product Data Full product code	Not applicable Not applicable 871016334977099
Maximum dim level Suitable for random switching Product Data Full product code Order product name	Not applicable Not applicable 871016334977099 WT120C G2 LED25S/840 PSU PCO L1200
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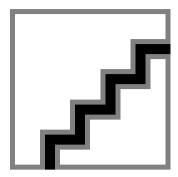


Full product name EAN/UPC - Case



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Dimensional drawing





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