



# CoreLine Waterproof

## WT120C G2 LED120S/840 PSU L1500

CoreLine Waterproof, 75 W, L1500 mm, 12000 lm, 4000 K, Symmetrical, Clear, IP65, IK08

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), 12000 lm, 75 W, 160 lm/W, 4000 K, (0.38,0.38) SDCM $\leq$ 3, Symmetrical, Clear, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Push-in connector 3-pole

### 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		Luminaire light beam spread	
Number of gear units	1 unit	Luminaire light beam spread	110°
Driver included	Yes	Unified glare rating CEN	25
Service tag	Yes	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	19 A
Luminous Flux	12,000 lm	Inrush time	0.28 ms
Saturated Red (R9)	<50	Power Consumption	75 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	160 lm/W	Connection	Push-in connector 3-pole
Color rendering index (CRI)	>80	Cable	-
Light source color	840 neutral white	Number of products on MCB of 16 A type B	24
Optic type	Symmetrical	Suitable for random switching	No
		Protection class IEC	Safety class I

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Total harmonic distortion	20 %
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## 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 material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Clear
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)	1.730 kg

## Emergency Operation

Central Emergency	No
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## 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 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +40 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
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* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L65

## Sustainability Data

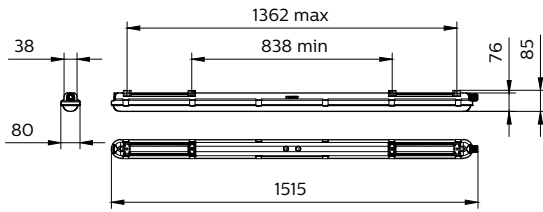
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	11.3 kg CO <sub>2</sub> e
Product non-virgin material ratio	12.1 %
Recyclable content ratio of the finished product	55.7 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kwh)

## Product Data

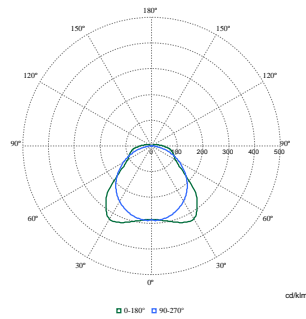
Order product name	WT120C G2 LED120S/840 PSU L1500
Full product name	WT120C G2 LED120S/840 PSU L1500
Full product code	872016975431799
Order code	75431799
Material Nr. (12NC)	911401815987
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169754317
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169754423

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401815987

