



# CoreLine Waterproof

## WT120C G2 LED37\_60S/840 PSU L1500

CoreLine Waterproof, All-in, 43 W, 25 W, L1500 mm, 3700 lm, 6000 lm, 4000 K, Symmetrical, Clear, IP65, IK08, TW1-ready

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 3700 lm, 6000 lm, 43 W, 25 W, 148 lm/W, 139 lm/W, 4000 K, (0.38,0.38)SDCM<=3, Symmetrical, Clear, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Push-in connector 3-pole, Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

### 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		Operating and Electrical	
Light source replaceable	No	Luminous efficacy (rated) (nom.)	148 139 lm/W
Number of gear units	Unit	Colour rendering index (CRI)	>80
Driver included	Yes	Light source colour	840 neutral white
Service Tag	Yes	Optic type	Symmetrical
Lighting Technology	LED	Luminaire light beam spread	110°
Value ladder	Performance	Unified Glare Rating (CEN)	25
Warranty period	5 years	All-in Type	All-in, Multi Lumen
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	3,700 6,000 lm	Line Frequency	50 or 60 Hz
Saturated Red (R9)	<50	Inrush current	14.2 A
Correlated Colour Temperature (Nom)	4000 K	Inrush time	0.222 ms

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Power Consumption	43 25 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB (16 A type B)	36
Suitable for random switching	Yes
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	12 %

## 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 Colour	Grey
Optical cover/lens 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)	1.670 kg

## Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	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%

## 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

## Sustainability Data

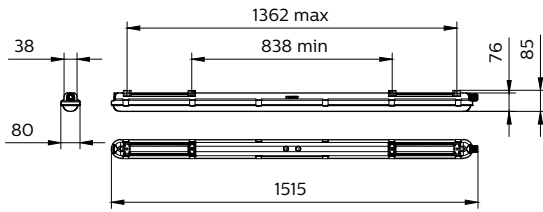
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon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

## Product Data

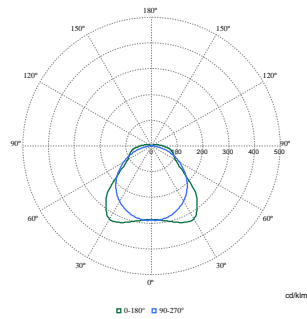
Order product name	WT120C G2 LED37_60S/840 PSU L1500
Full product name	WT120C G2 LED37_60S/840 PSU L1500
Full EOC	872016950020499
Order code	911401815085
Material no. (12 NC)	911401815085
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169500204
Numerator – packs per outer box	9
EAN/UPC - Case	8720169500303

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401815085

