



# CoreLine waterproof gen3

**WT120C G3 46\_57\_69\_80S/840 PSU TW3 L1500**

CoreLine waterproof gen3, All-in, 50 W, 28.5 W, L1500 mm, 4600 lm, 5700 lm, 6800 lm, 8000 lm, 4000 K, Symmetrical, Clear, IP66, IK08, TW3, EL-ready

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 4600 lm, 5700 lm, 6800 lm, 8000 lm, 50 W, 28.5 W, 162 lm/W, 160 lm/W, 4000 K, (0.38, 0.37) SDCM<3, Symmetrical, Clear, Polycarbonate, IP66 | Dust penetration-protected, jet-proof, IK08 | 6 J, Safety class I, Push-in connector 5-pole, Feed-through wiring 3-phase, Self-contained emergency lighting is possible when used with a compatible battery kit accessory

## 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 color	
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Symmetrical
Warranty period	5 years	Luminaire light beam spread	110°
		Unified glare rating CEN	28
		All-in Type	All-in, Multi Lumen
Light Technical		Operating and Electrical	
Luminous Flux	4,600 5,700 6,800 8,000 lm	Input Voltage	220-240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	0/50/60 Hz
Luminous Efficacy (rated) (Nom)	162 160 lm/W	Inrush current	38.4 A
Color rendering index (CRI)	>80		

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Inrush time	0.141 ms
Power Consumption	50 28.5 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	Feed-through wiring 3-phase

### Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	1,535 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1535 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	1.760 kg

### Emergency Operation

Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory

### 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

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 40 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+15%/-5%
Initial chromaticity	(0.38, 0.37) SDCM<3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Sustainability Data

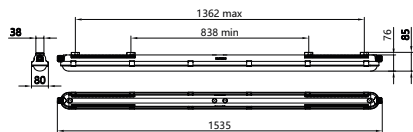
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

### Product Data

Order product name	WT120C G3 46_57_69_80S/840 PSU TW3 L1500
Full product name	WT120C G3 46_57_69_80S/840 PSU TW3 L1500
Full product code	872110333349099
Order code	911401839888
Material Nr. (12NC)	911401839888
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103333490
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103334428

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401839888

