



CoreLine waterproof gen3

WT120C G3 70_86_100_120S/840 PSU L1500

CoreLine waterproof gen3, All-in, 75 W, 43 W, L1500 mm, 7000 lm, 8600 lm, 10000 lm, 12000 lm, 4000 K, Symmetrical, Clear, IP66, IK08, EL-ready

L1500 mm, Polycarbonate, Grey, Power supply unit (On/Off), All-in, Multi Lumen, 7000 lm, 8600 lm, 10000 lm, 12000 lm, 75 W, 43 W, 163 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, Emergency lighting ready (through 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 colour	
Number of gear units	Unit	840 neutral white	
Driver included	Yes	Optic type	
Warranty period	5 years	Symmetrical	
Light Technical		Luminaire light beam spread	
Luminous Flux	7,000 8,600 10,000 12,000 lm	110°	
Correlated Colour Temperature (Nom)	4000 K	Unified Glare Rating (CEN)	
Luminous efficacy (rated) (nom.)	163 160 lm/W	31	
Colour rendering index (CRI)	>80	All-in Type	
Operating and Electrical		All-in, Multi Lumen	
Input Voltage		220-240 V	
Line Frequency		0/50/60 Hz	
Inrush current		49 A	

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Inrush time	0.188 ms
Power Consumption	75 43 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB (16 A type B)	12
Suitable for random switching	Yes
Protection class IEC	Safety class I
Feed-through wiring	-

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/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	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	1.600 kg

Emergency Operation

Central Emergency	No
Emergency lighting	Emergency lighting ready (through 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	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 50,000 h	5 %
Control gear failure rate at median useful life 100,000 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

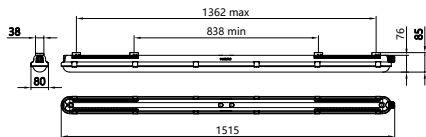
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Product Data

Order product name	WT120C G3 70_86_100_120S/ 840 PSU L1500
Full product name	WT120C G3 70_86_100_120S/ 840 PSU L1500
Full EOC	872110333350699
Order code	911401839988
Material no. (12 NC)	911401839988
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8721103333506
Numerator – packs per outer box	9
EAN/UPC - Case	8721103334435

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401839988

