



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, 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			
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	163 160 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Light source color	840 neutral white
Value ladder	Performance	Optic type	Symmetrical
Warranty period	5 years	Luminaire light beam spread	110°
Light Technical		Unified glare rating CEN	31
Luminous Flux	7,000 8,600 10,000 12,000 lm	All-in Type	All-in, Multi Lumen
Correlated Color Temperature (Nom)	4000 K	Operating and Electrical	
		Input Voltage	220-240 V

CoreLine waterproof gen3

Line Frequency	0/50/60 Hz
Inrush current	49 A
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 of 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 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	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	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

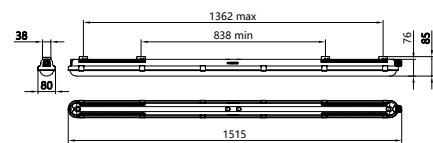
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

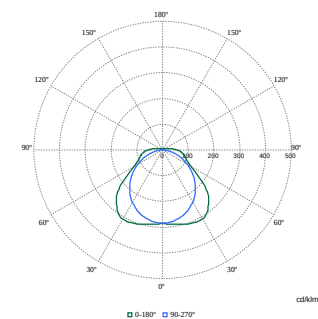
Order product name	WT120C G3 70_86_100_120S/840 PSU L1500
Full product name	WT120C G3 70_86_100_120S/840 PSU L1500
Full product code	872110333350699
Order code	911401839988
Material Nr. (12NC)	911401839988
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103333506
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103334435

CoreLine waterproof gen3

Dimensional drawing



Photometric data



Polar Normal (separate) - 911401839988

