



CoreLine waterproof gen3

WT120C G3 120S/840 PSD L1500

CoreLine waterproof gen3, 75 W, L1500 mm, 12000 lm, 4000 K, DALI, Symmetrical, Clear, IP66, IK08

L1500 mm, Polycarbonate, Grey, Power supply unit with DALI interface, 12000 lm, 75 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, DC operated central emergency lighting

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		Unified glare rating CEN	
Number of gear units	1 unit	Unified glare rating CEN	31
Driver included	Yes	Operating and Electrical	
Warranty period	5 years	Input Voltage	220-240 V
Light Technical		Line Frequency	0/50/60 Hz
Luminous Flux	12,000 lm	Inrush current	25 A
Correlated Color Temperature (Nom)	4000 K	Inrush time	0.230 ms
Luminous Efficacy (rated) (Nom)	160 lm/W	Power Consumption	75 W
Color rendering index (CRI)	>80	Power Factor (Fraction)	0.95
Light source color	840 neutral white	Connection	Push-in connector 5-pole
Optic type	Symmetrical	Cable	-
Luminaire light beam spread	110°	Number of products on MCB of 16 A type B	20
		Suitable for random switching	Yes

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Protection class IEC	Safety class I
Feed-through wiring	-

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

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)	1.710 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

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

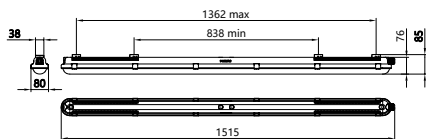
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Product Data

Order product name	WT120C G3 120S/840 PSD L1500
Full product name	WT120C G3 120S/840 PSD L1500
Full product code	872110335992600
Order code	910505106546
Material Nr. (12NC)	910505106546
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103359926
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103348876

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Dimensional drawing



Photometric data



Polar Normal (separate) - 910505106546

