



CoreLine waterproof gen3

WT120C G3 60S/840 PSD L1200

CoreLine waterproof gen3, 37.5 W, L1200 mm, 6000 lm, 4000 K, DALI, Symmetrical, Clear, IP66, IK08, EL-ready

L1200 mm, Polycarbonate, Grey, Power supply unit with DALI interface, 6000 lm, 37.5 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, 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		Luminaire light beam spread	
Number of gear units	Unit		110°
Driver included	Yes	Unified Glare Rating (CEN)	28
Warranty period	5 years	Operating and Electrical	
Light Technical		Input Voltage	220-240 V
Luminous Flux	6,000 lm	Line Frequency	0/50/60 Hz
Correlated Colour Temperature (Nom)	4000 K	Inrush current	23.1 A
Luminous efficacy (rated) (nom.)	160 lm/W	Inrush time	0.221 ms
Colour rendering index (CRI)	>80	Power Consumption	37.5 W
Light source colour	840 neutral white	Power Factor (Fraction)	0.90
Optic type	Symmetrical	Connection	Push-in connector 5-pole
		Cable	-

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Number of products on MCB (16 A type B)	22
Suitable for random switching	Yes
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/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	Grey
Optical cover/lens finish	Clear
Overall length	1,215 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (height x width x depth)	76 x 80 x 1215 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Net Weight (Piece)	1.350 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central 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

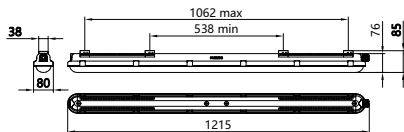
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Product Data

Order product name	WT120C G3 60S/840 PSD L1200
Full product name	WT120C G3 60S/840 PSD L1200
Full EOC	872110333336099
Order code	911401838588
Material no. (12 NC)	911401838588
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8721103333360
Numerator – packs per outer box	9
EAN/UPC - Case	8721103334299

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401838588

