



CoreLine waterproof gen3

WT120C G3 80S/840 PSD L1500

CoreLine waterproof gen3, 50 W, L1500 mm, 8000 lm, 4000 K, DALI, Symmetrical, Clear, IP66, IK08, EL-ready

L1500 mm, Polycarbonate, Grey, Power supply unit with DALI interface, 8000 lm, 50 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, 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
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	>80

Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	28
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	0/50/60 Hz
Inrush current	25.1 A
Inrush time	0.214 ms
Power Consumption	50 W
Power Factor (Fraction)	0.90

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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	-

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 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

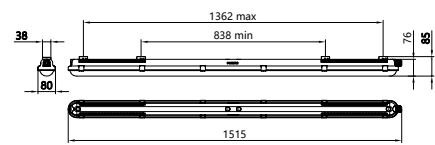
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable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

Product Data

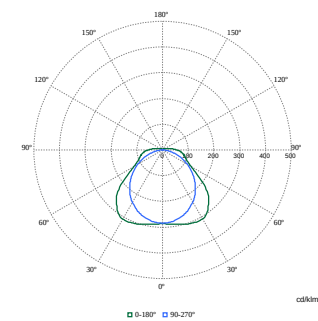
Order product name	WT120C G3 80S/840 PSD L1500
Full product name	WT120C G3 80S/840 PSD L1500
Full product code	872110333339199
Order code	911401838888
Material Nr. (12NC)	911401838888
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103333391
Numerator - Packs per outer box	9
EAN/UPC - Case	8721103334329

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401838888

