



CoreLine waterproof gen3

WT120C G3 40S/840 PSU TW3 L1200

CoreLine waterproof gen3, 25 W, L1200 mm, 4000 lm, 4000 K, Symmetrical, Clear, IP66, IK08, TW3, EL-ready

L1200 mm, Polycarbonate, Grey, Power supply unit (On/Off), 4000 lm, 25 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, Feed-through wiring 3-phase, 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 | | Luminaire light beam spread | |
|------------------------------------|-------------------|---------------------------------|--------------------------|
| Number of gear units | 1 unit | Luminaire light beam spread | 110° |
| Driver included | Yes | Unified glare rating CEN | 25 |
| Warranty period | 5 years | Operating and Electrical | |
| Light Technical | | Input Voltage | 220-240 V |
| Luminous Flux | 4,000 lm | Line Frequency | 0/50/60 Hz |
| Correlated Color Temperature (Nom) | 4000 K | Inrush current | 24.5 A |
| Luminous Efficacy (rated) (Nom) | 160 lm/W | Inrush time | 0.136 ms |
| Color rendering index (CRI) | >80 | Power Consumption | 25 W |
| Light source color | 840 neutral white | Power Factor (Fraction) | 0.95 |
| Optic type | Symmetrical | Connection | Push-in connector 5-pole |
| | | Cable | - |

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| | |
|------------------------------------------|-----------------------------|
| Number of products on MCB of 16 A type B | 35 |
| Suitable for random switching | Yes |
| Protection class IEC | Safety class I |
| Feed-through wiring | Feed-through wiring 3-phase |

Controls and Dimming

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|-------------------------------|----------------------------|
| 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 | 1,235 mm |
| Overall width | 80 mm |
| Overall height | 76 mm |
| Dimensions (Height x Width x Depth) | 76 x 80 x 1235 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J] |
| Net Weight (Piece) | 1.450 kg |

Emergency Operation

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|--------------------|-------------------------------------------------------------------------------------------------|
| 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

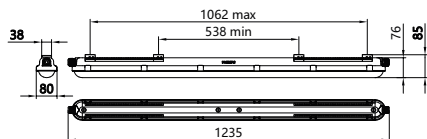
| | |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainability rating | Unclassified |
| Repair class | Repair Class B, the driver and light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

Product Data

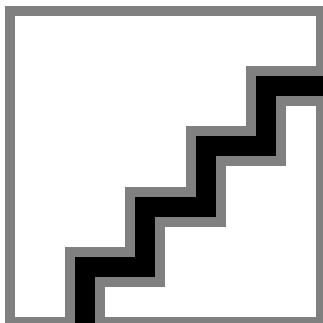
| | |
|---------------------------------|---------------------------------|
| Order product name | WT120C G3 40S/840 PSU TW3 L1200 |
| Full product name | WT120C G3 40S/840 PSU TW3 L1200 |
| Full product code | 872110335978000 |
| Order code | 35978000 |
| Material Nr. (12NC) | 910505106532 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103359780 |
| Numerator - Packs per outer box | 9 |
| EAN/UPC - Case | 8721103348739 |

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Dimensional drawing



Photometric data



Polar Normal (separate) - 910505106532

