



CoreLine Waterproof

WT120C G2 LED60S/840 PSD L1200

CoreLine Waterproof, 37.5 W, L1200 mm, 6000 lm, 4000 K, DALI, Symmetrical, Clear, IP65, IK08

CoreLine waterproof delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. With its slim and stylish design, it retains the product architecture that the range is well-known and appreciated for. Installation is quick and easy, all thanks to its efficient design. CoreLine waterproof provides better wide-beam light distribution for straightforward and effective lighting. A direct replacement for traditional waterproof luminaires with fluorescent lamps ranging from 18W up to 58W, it delivers significant energy savings. Interact Ready luminaires with integrated wireless communications are also available in the CoreLine waterproof range, ready to be used with Interact connected lighting system.

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 | | Sustainability rating | |
|------------------------------------|--|-----------------------|--|
| Number of gear units | 1 unit | - | |
| Driver included | Yes | | |
| Service tag | Yes | | |
| Value ladder | Performance | | |
| Serviceability class | Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts | | |
| Warranty period | 5 years | | |
| Light Technical | | | |
| Luminous Flux | 6,000 lm | | |
| Saturated Red (R9) | <50 | | |
| 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 | | |

CoreLine Waterproof

| | |
|-----------------------------|------|
| Luminaire light beam spread | 110° |
| Unified glare rating CEN | 25 |

Operating and Electrical

| | |
|--|--------------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 23.1 A |
| Inrush time | 0.221 ms |
| Power Consumption | 37.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 22 |
| Suitable for random switching | No |
| Protection class IEC | Safety class I |
| Total harmonic distortion | 20 % |

Controls and Dimming

| | |
|-------------------------------|---------------------------------------|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| 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 | 1,215 mm |
| Overall width | 80 mm |
| Overall height | 76 mm |
| Dimensions (Height x Width x Depth) | 76 x 80 x 1215 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Net Weight (Piece) | 1.330 kg |

Emergency Operation

| | |
|-------------------|----|
| Central Emergency | No |
|-------------------|----|

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 |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| Ambient temperature range | -20 to +40 °C |

Initial Performance (IEC Compliant)

| | |
|--|--------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38,0.38) SDCM≤3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life | 5 % |
| 50000 h | |
| Lumen maintenance at median useful life* | - |
| 35000 h | |
| Lumen maintenance at median useful life* | L80 |
| 50000 h | |
| Lumen maintenance at median useful life* | - |
| 75000 h | |
| Lumen maintenance at median useful life* | L65 |
| 100000 h | |

Product Data

| | |
|---------------------------------|--------------------------------|
| Order product name | WT120C G2 LED60S/840 PSD L1200 |
| Full product name | WT120C G2 LED60S/840 PSD L1200 |
| Full product code | 872016975433199 |
| Order code | 911401816187 |
| Material Nr. (12NC) | 911401816187 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169754331 |
| Numerator - Packs per outer box | 9 |
| EAN/UPC - Case | 8720169754447 |

CoreLine Waterproof

Dimensional drawing

