



CoreLine Waterproof

WT120C G2 LED75S/840 PSU PCO L1500

CoreLine Waterproof, 57.1 W, L1500 mm, 7500 lm, 4000 K, Very wide beam, Opal, IP65, IK08, TW1-ready

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 | |
|--------------------------|-------------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Service tag | Yes |
| Lighting Technology | LED |
| Value ladder | Performance |
| Warranty period | 5 years |
| Sustainability rating | - |
| | |

| Light Technical | |
|------------------------------------|-------------------|
| Luminous Flux | 7,500 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 131 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 840 neutral white |
| Optic type | Very wide beam |
| Luminaire light beam spread | 135° |
| Unified glare rating CEN | 28 |
| | |

Datasheet, 2025, March 19 data subject to change

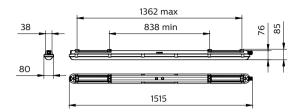
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| 220 to 240 V |
|--|
| 220 to 240 V |
| 50 or 60 Hz |
| 15 A |
| 0.24 ms |
| 57.1 W |
| 0.9 |
| Push-in connector 3-pole |
| - |
| 31 |
| |
| Not applicable |
| Safety class I |
| Simple Connection and removable cover |
| available for feed-through wiring 1-phase |
| (internal wiring is not included) |
| 20 % |
| |
| |
| No |
| Power supply unit (On/Off) |
| - |
| No |
| Not applicable |
| |
| |
| Polycarbonate |
| Steel |
| Polycarbonate |
| Polycarbonate |
| Stainless steel |
| Gray |
| Opal |
| 1,515 mm |
| 80 mm |
| |
| 76 mm |
| |
| 76 x 80 x 1515 mm |
| 76 x 80 x 1515 mm IP65 [Dust penetration-protected, jet-proof |
| 76 x 80 x 1515 mm IP65 [Dust penetration-protected, jet-proof IK08 [5 J vandal-protected] |
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| |

| CE mark | Yes |
|---|---|
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 0 @200mm to |
| T Hotoshotogheat HSK | EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 ℃ |
| Remarks | *-Per Lighting Europe guidance paper |
| Kellarks | "Evaluating performance of LED based |
| | luminaires - January 2018": statistically there |
| | is no relevant difference in lumen |
| | maintenance between B50 and for example |
| | B10. Therefore, the median useful life (B50) |
| | value also represents the B10 value. |
| Flickering value (PstLM) - Flickering value | · |
| as per EN 61000-3-3 | |
| Stroboscopic effect visibility measure | 1.6 |
| (SVM) | |
| 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% |
| | |
| Over Time Performance (IEC Compli | ant) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) | L80 |
| at median useful life* 50000 h | |
| Lumen maintenance (EN-IEC 62722-2-1) | L70 |
| at median useful life* 100000 h | |
| | |
| Product Data | |
| Order product name | WT120C G2 LED75S/840 PSU PCO L1500 |
| Full product name | WT120C G2 LED75S/840 PSU PCO L1500 |
| Full product code | 871016334981799 |
| Order code | 911401837480 |
| Material Nr. (12NC) | 911401837480 |
| | 1 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Quantity Per Pack EAN/UPC - Product/Case | 8710163349817 |
| | |
| EAN/UPC - Product/Case | 8710163349817 |

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Dimensional drawing





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