



CoreLine Waterproof

WT120C G2 LED60S/840 PSU ELB3 L1500

CoreLine Waterproof, 49.5 W, L1500 mm, 6000 lm, 4000 K, Wide beam, Frosted, IP65, IK08, TW1-ready, ELB3h

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 | |
|--------------------------|--|
| Lamp family code | LED60S [LED Module, system flux 6000 lm] |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Service tag | Yes |
| Lighting Technology | LED |
| 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 |
| Sustainability rating | - |
| | |
| Light Technical | |
| Luminous Flux | 6,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 121 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 840 neutral white |

Datasheet, 2025, June 6 data subject to change

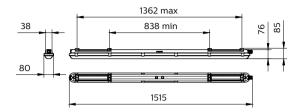
CoreLine Waterproof

| Unified glare rating CEN Unified Glare Unifi | Ontic type | Wide heam |
|--|--|----------------------------|
| Unified glare rating CEN Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz Inrush current 556 A Inrush time 0.047 ms Power Consumption 49.5 W Power Factor (Fraction) 0.9 Connection Push-in connector 4-pole Cable - Number of products on MCB of 16 A type 8 Suitable for random switching Not applicable Protection class IEC Safety class I Feed-through wiring Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) Total harmonic distortion 20 % Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output Maximum dim level Not applicable Mechanical and Housing Housing Material Reflector material Optical cover material Overall length (Piece) Image of the province of the protection code IKOR (50 Ju vandal-protected, jet-proof) Metch. impact protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (50 Ju vandal-protected) Image of the protection code IKOR (5 | Optic type | Wide beam |
| Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 or 60 Hz Inrush current 0,047 ms Power Consumption 49.5 W Power Consumption Push-in connector 4-pole Cable | | |
| Input Voltage | Unified glare rating CEN | 25 |
| Input Voltage | On another a seed Floreteined | |
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| Additional max. power consumption 3 W when emergency battery is charging | | 3 hour(s) |
| when emergency battery is charging | | |
| | | 3 W |
| Central Emergency No | | |
| | Central Emergency | No |

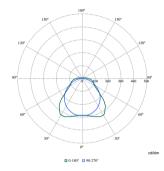
| Type of emergency lighting battery | Lithium |
|--|---|
| Emergency lighting | Emergency lighting 3 hours duration basic |
| | version |
| | |
| Approval and Application | |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| Flammability mark | For mounting on easily flammable surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 0 @200mm to |
| | EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Remarks | *-Per Lighting Europe guidance paper |
| | "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 | 1 |
| value as per EN 61000-3-3 | |
| Stroboscopic effect visibility measure | 1.6 |
| (SVM) | |
| Ambient temperature range | 0 to +25 °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 Compl | iant) |
| Control gear failure rate at median useful | |
| 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 LED60S/840 PSU ELB3 L1500 |
| Full product name | WT120C G2 LED60S/840 PSU ELB3 L1500 |
| Full product code | 871829185421000 |
| Order code | 910505100073 |
| Material Nr. (12NC) | 910505100073 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291854210 |
| Larry or C - Frouncy Case | |
| Numerator - Packs now outer how | |
| Numerator - Packs per outer box | 071020105 4210 |
| Numerator - Packs per outer box EAN/UPC - Case Product family code | 8718291854210 WT130C [Coreline Waterproof G2 LSC] |

CoreLine Waterproof

Dimensional drawing



Photometric data



Polar Normal (separate) - WT120CI - 910505100073



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