



CoreLine Waterproof

WT120C G2 LED19S/840 PSU L600 BN

CoreLine Waterproof, 15 W, L600 mm, 1900 lm, 4000 K, Symmetrical, Clear, 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 |
| Feed-through wiring | Simple Connection and removable cover |
| | available for feed-through wiring 1-phase |
| | (internal wiring is not included) |
| Service tag | No |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | CE mark |

| Warranty period | 5 years |
|------------------------------------|------------------------------------|
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 850 °C, duration 30 s |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Luminous Flux | 1,900 lm |
| Saturated Red (R9) | <50 |
| Correlated Color Temperature (Nom) | 4000 K |

Datasheet, 2023, November 8 data subject to change

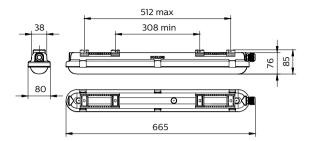
CoreLine Waterproof

| Luminous Efficacy (rated) (Nom) | 127 lm/W |
|--|----------------------------|
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| | |
| Stroboscopic effect value (SVM) | 1.6 840 neutral white |
| Light source color | |
| Optic type | Symmetrical |
| Luminaire light beam spread | 110° |
| Unified glare rating CEN | 25 |
| Operating and Electrical | |
| | 220 to 240 V |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 3.58 A |
| Inrush time | 0.04 ms |
| Power Consumption | 15 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 80 |
| | |
| Temperature | |
| Ambient temperature range | -20 to +40 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |
| Machanian and Hausing | |
| Mechanical and Housing | Delvearhonate |
| 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 | 665 mm |
| Overall width | 80 mm |
| Overall height | 76 mm |
| Dimensions (Height x Width x Depth) | 76 x 80 x 665 mm |

| Approval and Application | |
|--|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet- |
| | proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 0 @200mm to |
| | EN62778 |
| Photobiological risk specification | 0.2 m |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38,0.38)SDCM<=3 |
| Power consumption tolerance | +/-10% |
| | |
| Over Time Performance (IEC Complia | nt) |
| Control gear failure rate at median useful | 5 % |
| life 50000 h | |
| Lumen maintenance at median useful life* | 85 |
| 50000 h | |
| Lumen maintenance at median useful life* | 70 |
| 100000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |
| Product Data | |
| Order product name | WT120C G2 LED19S/840 PSU L600 BN |
| Full product name | WT120C G2 LED19S/840 PSU L600 BN |
| Full product code | 872016950215499 |
| Order code | 911401825885 |
| Material Nr. (12NC) | 911401825885 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169502154 |
| LAN OFC - FIDUUCY CASE | |
| Numerator - Packs per outer box | 9 |

CoreLine Waterproof

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.