

PHILIPS

Lighting



Smartbright Waterproof G2

WT066C CW LED45 L1500 PSU TB

Power supply unit - Symmetrical - Polycarbonate bowl/cover opal - 120°

SmartBright Waterproof G2 is an innovation from SmartBright Waterproof G1, can be used to replace traditional waterproof luminaires with fluorescent lamps or LED tubes, provides quality of light with substantial energy & maintenance savings. The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser), it is an ideal lighting solution for canopy, food industry, car parks, car washers. Beyond that, SmartBright Waterproof G2 is also maintenance free by seal for life integral design, and reliable 25K hrs lifetime.

Product data

| General Information | | Protection class IEC | |
|-------------------------------|--------------------------------------|---------------------------------|---|
| Beam angle of light source | - ° | Protection class IEC | Safety class II (II) |
| Light source colour | Cool white | Glow-wire test | 750/5 [Temperature 750 °C, duration 5 s] |
| Light source replaceable | No | Flammability mark | NO [-] |
| Number of gear units | 1 unit | CE mark | CE mark |
| Driver/power unit/transformer | PSU [Power supply unit] | ENEC mark | - |
| Driver included | Yes | Warranty period | 3 years |
| Optic type | Symmetrical | Constant light output | No |
| Optical cover/lens type | PCO [Polycarbonate bowl/cover opal] | Number of products on MCB | 45 |
| Luminaire light beam spread | 120° | LED engine type | LED |
| Control interface | - | Operating and Electrical | |
| Connection | Screw connection block | Input voltage | 220 to 240 V |
| Cable | - | Input frequency | 50 to 60 Hz |

Smartbright Waterproof G2

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|---------------------|--------|
| Inrush current | 12.5 A |
| Inrush time | 0.1 ms |
| Power factor (min.) | 0.9 |

Controls and Dimming

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|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|-----------------|
| Housing material | Polycarbonate |
| Reflector material | Steel |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Stainless steel |
| Optical cover/lens finish | Opal |
| Overall length | 1526 mm |
| Overall width | 68 mm |
| Overall height | 60 mm |
| Colour | Gray and white |

Approval and Application

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|------------------------------|---|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |

Initial Performance (IEC Compliant)

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|--------------------------------|---------|
| Initial luminous flux | 4500 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 90 lm/W |

| | |
|--------------------------------|--------|
| Init. Corr. colour temperature | 6500 K |
| Init. colour rendering index | >80 |
| Initial chromaticity | SDCM<5 |
| Initial input power | 49 W |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|---------------------------|---------|
| Median useful life L70B50 | 25000 h |
| Median useful life L80B50 | 17500 h |
| Median useful life L90B50 | 8100 h |

Application Conditions

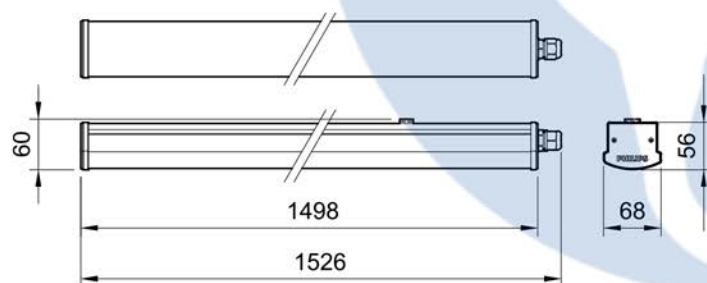
| | |
|---------------------------|----------------|
| Ambient temperature range | -30 to +45 °C |
| Maximum dimming level | Not applicable |

Product Data

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|---------------------------------|------------------------------|
| Full product code | 871016331175399 |
| Order product name | WT066C CW LED45 L1500 PSU TB |
| EAN/UPC – product | 8710163311753 |
| Order code | 31175399 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| Material no. (12NC) | 911401823397 |
| Net weight (piece) | 0.980 kg |



Dimensional drawing



WT066C/WT067C

