



Smartbright Waterproof G2

WT066C NW LED18 L600 PSU TB

Smartbright Waterproof G2, 19.4 W, 1800 lm, 4000 K, 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, parking garages, 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 | | Light Technical | |
|--------------------------|----------------------------------|------------------------------------|-------------------------------|
| Light source replaceable | No | Luminous Flux | 1,800 lm |
| Number of gear units | 1 unit | Correlated Color Temperature (Nom) | 4000 K |
| Driver included | Yes | Luminous Efficacy (rated) (Nom) | 90 lm/W |
| Light source engine type | LED | Color rendering index (CRI) | >80 |
| Service tag | Yes | Beam angle of light source | - degree(s) |
| Glow-wire test | Temperature 750 °C, duration 5 s | Light source color | Neutral white |
| Flammability mark | - | Optic type | Symmetrical |
| CE mark | CE mark | Optical cover type | Polycarbonate bowl/cover opal |
| ENEC mark | - | Luminaire light beam spread | 120° |
| Warranty period | 3 years | Operating and Electrical | |
| EU RoHS compliant | Yes | Input Voltage | 220 to 240 V |
| | | Line Frequency | 50 to 60 Hz |

Smartbright Waterproof G2

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|--|------------------------|
| Inrush current | 6.9 A |
| Inrush time | 0.1 ms |
| Power Consumption | 19.4 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Screw connection block |
| Cable | - |
| Number of products on MCB of 16 A type B | 70 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -30 to +45 °C |
|---------------------------|---------------|

Controls and Dimming

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|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| 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 | Gray and white |
| Optical cover finish | Opal |
| Overall length | 626 mm |
| Overall width | 68 mm |
| Overall height | 60 mm |
| Dimensions (Height x Width x Depth) | 60 x 68 x 626 mm |

Approval and Application

| | |
|-------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
|-------------------------|--|

| | |
|------------------------------|-----------------|
| Mech. impact protection code | IK06 [1 J] |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

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|-----------------------------|--------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | SDCM<5 |
| Power consumption tolerance | +/-10% |

Over Time Performance (IEC Compliant)

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|-------------------------------|----------------|
| Driver failure rate at 5000 h | 0.0022 % |
| Median useful life L70B50 | 25,000 hour(s) |
| Median useful life L80B50 | 17,500 hour(s) |
| Median useful life L90B50 | 8,100 hour(s) |

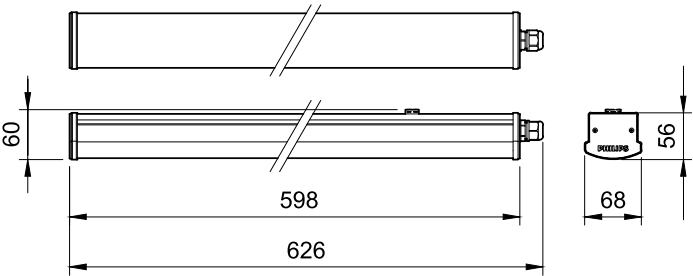
Application Conditions

| | |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

Product Data

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|---------------------------------|-----------------------------|
| Order product name | WT066C NW LED18 L600 PSU TB |
| Full product name | WT066C NW LED18 L600 PSU TB |
| Full product code | 871016331170899 |
| Order code | 911401822897 |
| Material Nr. (12NC) | 911401822897 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8710163311708 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8710163312002 |

Dimensional drawing



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