# Affordable and reliable energy saving LED Lighting Luminaires

## Smartbright Waterproof G2

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.

### Benefits
- Easy Wiring: 3 wiring options for select, fulfill with customer wiring habits.
- Excellent Performance: good uniformity SDCM<5, high quality light CRI>80, more brighter with higher lumen output.
- Reliable Quality: 25K hours with 70% lumen maintained, wide range working temperature from -30℃ to +45℃, can be applied in various industrial environments
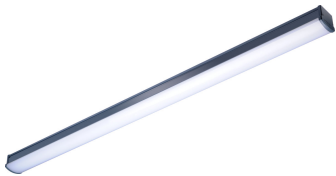
### Features
- Robust design: IP65 IK06, Anti UV Polycarbonate housing, dual extrusion technology.
- Easy Installation: Stainless Universal Mounting Clip, Stainless Screws, Stainless Hooks, all in 1 package with luminaire.

## Application

· Industry general area
· Food and beverage
· workshop and assembly line
· Car park
· Canopy, walkways
· Semi outdoor

## Versions

| | | |
|---|---|---|
| **WT066C** | **WT066C L600** | **WT066C with wire and bracket** |

# Smartbright Waterproof G2

## Application Conditions

| | |
|---|---|
| Ambient temperature range | −30 to +45 ℃ |

## Approval and Application

| | |
|---|---|
| Mech. impact protection code | IK06 |
| Ingress protection code | IP65 |

## Controls and Dimming

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

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |

## General Information

| | |
|---|---|
| CE mark | CE mark |
| Protection class IEC | Safety class II |
| Optical cover/lens type | Polycarbonate bowl/cover opal |
| Driver included | Yes |
| ENEC mark | – |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Optic type | Symmetrical |
| Service tag | Yes |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Initial chromaticy | SDCM<5 |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial LED luminaire efficacy | 90 lm/W |
| Luminous flux tolerance | +/-10% |

## Mechanical and Housing

| | |
|---|---|
| Color | Gray and white |

## Over Time Performance (IEC Compliant)

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

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial luminous flux | Initial input power |
|---|---|---|---|
| 911401853697 | WT066C NW LED45 L1500 PSU TB | 4500 lm | 49 W |
| 911401853797 | WT066C NW LED18 L600 PSU TB | 3600 lm | 40 W |
| 911401853897 | WT066C NW LED36 L1200 PSU TB | 1800 lm | 19.4 W |

www.lighting.philips.com

2020, June 8 – data subject to change