



# Greenperform Waterproof G2 - WT188C

## WT188C LED20 NW L1200 PSU TB

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

Greenperform Waterproof G2 luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser, stainless steel installation accessory). We design for friendly optical, energy saving, reliable quality, and easy wiring.;Beyond that, GreenParking wireless motion detective system is ready to provide the maximum energy saving and new lighting experience to you.

### Product data

| General Information           |                                |   |   |
|-------------------------------|--------------------------------|---|---|
| Beam angle of light source    | - °                            | Protection class IEC                    | Safety class I (I)                        |
| Lamp colour code              | Neutral 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       | Polycarbonate bowl/cover foggy | Number of products on MCB (16 A type B) | 24  |
| Luminaire light beam spread   | 120°                           | EU RoHS compliant                       | Yes                                       |
| Control interface             | -                              | Light source engine type                | LED                                       |
| Connection                    | Screw connection block         |   |   |

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## Operating and Electrical

|                     |              |
|---------------------|--------------|
| Input Voltage       | 220 to 240 V |
| Input frequency     | 50 to 60 Hz  |
| Inrush current      | 4 A          |
| Inrush time         | 0.058 ms     |
| Power factor (min.) | 0.9          |

## Controls and Dimming

|          |    |
|----------|----|
| 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              | 1183 mm         |
| Overall width               | 84 mm           |
| Overall height              | 83 mm           |
| Colour                      | Grey and White  |

## Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

## Initial Performance (IEC Compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 2000 lm |
|-------------------------------------|---------|

|                                |          |
|--------------------------------|----------|
| Luminous flux tolerance        | +/-10%   |
| Initial LED luminaire efficacy | 125 lm/W |
| Lamp colour temperature        | 4000 K   |
| Colour Rendering Index         | >80      |
| Initial chromaticity           | SDCM<5   |
| Initial input power            | 16 W     |
| Power consumption tolerance    | +/-10%   |

## Over Time Performance (IEC Compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 45000 h |
| Median useful life L90B50 | 35000 h |

## Application Conditions

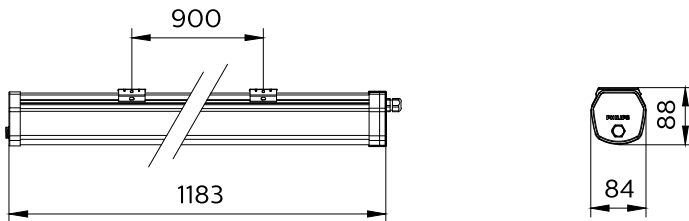
|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -30 to +45 °C  |
| Maximum dimming level     | Not applicable |

## Product Data

|                                   |                              |
|-----------------------------------|------------------------------|
| Full product code                 | 911401832797                 |
| Order product name                | WT188C LED20 NW L1200 PSU TB |
| Order code                        | 911401832797                 |
| SAP numerator – quantity per pack | 1                            |
| Numerator – packs per outer box   | 1                            |
| SAP material                      | 911401832797                 |
| SAP net weight (piece)            | 1.299 kg                     |



## Dimensional drawing



WT188C/WL020C

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