



# GreenPerform Waterproof G3

## WT198C LED18S/840 PSU PCO L600

Power supply unit - 135° -

GreenPerform Waterproof G3 is a superb choice for hard-working applications. Not only does it provide excellent optical performance, it also delivers substantial energy saving. And because it works seamlessly with IoT software like Interact, it also offers the option of customization, convenience, and data-driven insights.

### Product data

| General information           |                                   | Warranty period                          |                                     |
|-------------------------------|-----------------------------------|--|-------------------------------------|
| Beam angle of light source    | 120 °                             | Warranty period                          | 3 years + 2 years upon registration |
| Light source color            | 840 neutral white                 | Constant light output                    | No                                  |
| Light source replaceable      | No                                | Number of products on MCB of 16 A type B | 24                                  |
| Number of gear units          | 1 unit                            | EU RoHS compliant                        | No                                  |
| Driver/power unit/transformer | Power supply unit                 | Light source engine type                 | LED                                 |
| Driver included               | Yes                               | <b>Operating and electrical</b>          |                                     |
| Optic type                    | -                                 | Input Voltage                            | 220 to 240 V                        |
| Optical cover/lens type       | -                                 | Input Frequency                          | 50 or 60 Hz                         |
| Luminaire light beam spread   | 135°                              | Initial CLO power consumption            | - W                                 |
| Control interface             | -                                 | Average CLO power consumption            | - W                                 |
| Connection                    | -                                 | Inrush current                           | 3.58 A                              |
| Cable                         | -                                 | Inrush time                              | 40 ms                               |
| Protection class IEC          | Safety class I                    | Power Factor (Min)                       | 0.9                                 |
| Glow-wire test                | Temperature 850 °C, duration 30 s | <b>Controls and dimming</b>              |                                     |
| Flammability mark             | -                                 | Dimmable                                 | No                                  |
| CE mark                       | CE mark                           |  |                                     |
| ENEC mark                     | -                                 |  |                                     |

## GreenPerform Waterproof G3

### 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              | 665 mm          |
| Overall width               | 80 mm           |
| Overall height              | 85 mm           |
| Overall diameter            | 80 mm           |
| Color                       | Gray            |

### 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) | 1800 lm  |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 121 lm/W |
| Init. Corr. Color Temperature       | 4000 K   |
| Init. Color Rendering Index         | >80      |

|                             |             |
|-----------------------------|-------------|
| Initial chromaticity        | (0.38,0.38) |
| Initial input power         | 15 W        |
| Power consumption tolerance | +/-10%      |

### Over time performance (IEC compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L70B50 | 50000 h |
| Median useful life L80B50 | 42000 h |
| Median useful life L90B50 | 20000 h |

### Application conditions

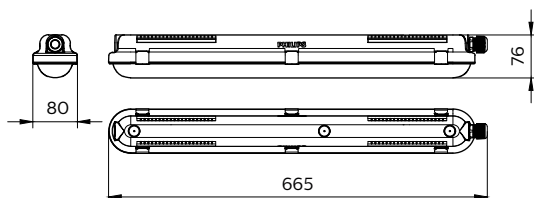
|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -20 to +45 °C  |
| Maximum dim level         | Not applicable |

### Product data

|                                 |                                |
|---------------------------------|--------------------------------|
| Full product code               | 911401826080                   |
| Order product name              | WT198C LED18S/840 PSU PCO L600 |
| Order code                      | 911401826080                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 9                              |
| Material Nr. (12NC)             | 911401826080                   |
| Net Weight (Piece)              | 0.800 kg                       |



## Dimensional drawing



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