



# Pacific LED gen4

## WT470C LED35S/840 PSU WB L1600

PACIFIC LED WATERPROOF - 840 neutral white - Power supply unit - Wide beam - Screw connection with pug and socket

PacificLED gen4 is a highly efficient and reliable LED waterproof luminaire that offers an excellent quality of light, with a uniform light distribution without visible striping or color artefacts. The range offers modular construction to enable ease of upgrade and maintenance.;The new optical system provides distortion-free lighting with improved visual guidance, which makes it ideally suited to general industry, warehouses and parking areas. The range also offers the option of multiple optics to ensure an optimized lighting scheme for a wide range of applications.;For industrial applications, PacificLED gen4 offers an open product architecture with toolless access to the gear tray and an innovative end-cap design with built-in connector for fast and easy installation. The single-piece mounting clamp ensures no small, loose components which could affect the primary production process.

### Product data

| General Information           |                                      |                       |  |
|-------------------------------|--------------------------------------|-----------------------|--|
| Beam angle of light source    | 120 °                                | Glow-wire test        | Temperature 850 °C, duration 5 s   |
| Light source color            | 840 neutral white                    | Flammability mark     | For mounting on easily flammable surfaces  |
| Light source replaceable      | Yes                                  | CE mark               | CE mark  |
| Number of gear units          | 1 unit                               | ENEC mark             | ENEC mark  |
| Driver/power unit/transformer | Power supply unit                    | Warranty period       | 5 years  |
| Driver included               | Yes                                  | Remarks               | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Optic type                    | Wide beam                            | Constant light output | No   |
| Luminaire light beam spread   | 110° x 110°                          |                       |  |
| Connection                    | Screw connection with pug and socket |                       |  |
| Cable                         | -                                    |                       |  |
| Protection class IEC          | Safety class I                       |                       |  |

## Pacific LED gen4

|  |                                   |
|--|-----------------------------------|
| Number of products on MCB of 16 A type B | 24                                |
| EU RoHS compliant                        | Yes                               |
| Product family code                      | WT470C [ PACIFIC LED WATERPROOF ] |
| Unified glare rating CEN                 | 19                                |

### Operating and Electrical

|                    |             |
|--------------------|-------------|
| Input Voltage      | 220-240 V   |
| Input Frequency    | 50 to 60 Hz |
| Inrush current     | 17.8 A      |
| Inrush time        | 0.282 ms    |
| Power Factor (Min) | 0.96        |

### Controls and Dimming

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

### Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| Housing Material                    | Polycarbonate                            |
| Reflector material                  | -  |
| Optic material                      | Polycarbonate                            |
| Optical cover/lens material         | Polycarbonate                            |
| Fixation material                   | Steel                                    |
| Optical cover/lens finish           | Clear                                    |
| Overall length                      | 1621 mm                                  |
| Overall width                       | 96 mm                                    |
| Overall height                      | 108 mm                                   |
| Color                               | White                                    |
| Dimensions (Height x Width x Depth) | 108 x 96 x 1621 mm (4.3 x 3.8 x 63.8 in) |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |

### Initial Performance (IEC Compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 3600 lm |
|-------------------------------------|---------|

|                                |                      |
|--------------------------------|----------------------|
| Luminous flux tolerance        | +/-7%                |
| Initial LED luminaire efficacy | 147 lm/W             |
| Init. Corr. Color Temperature  | 4000 K               |
| Init. Color Rendering Index    | >80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM <3 |
| Initial input power            | 24.5 W               |
| Power consumption tolerance    | +/-11%               |

### Over Time Performance (IEC Compliant)

|  |      |
|--|------|
| Control gear failure rate at median useful life 50000 h  | 5 %  |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 50000 h         | L90  |

### Application Conditions

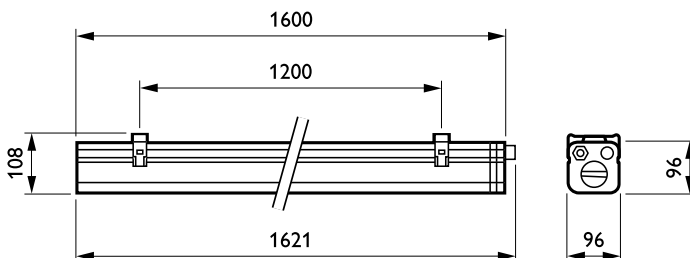
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -25 to +45 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Suitable for random switching      | Not applicable |

### Product Data

|                                 |                                |
|---------------------------------|--------------------------------|
| Full product code               | 871869637928800                |
| Order product name              | WT470C LED35S/840 PSU WB L1600 |
| EAN/UPC - Product               | 8718696379288                  |
| Order code                      | 910925863806                   |
| Numerator - Quantity Per Pack   | 1                              |
| Numerator - Packs per outer box | 1                              |
| Material Nr. (12NC)             | 910925863806                   |
| Net Weight (Piece)              | 3.150 kg                       |

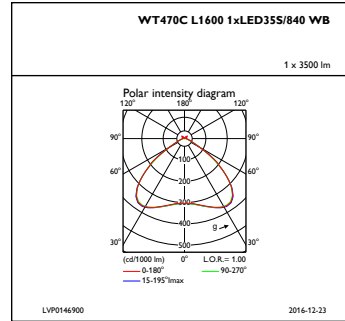
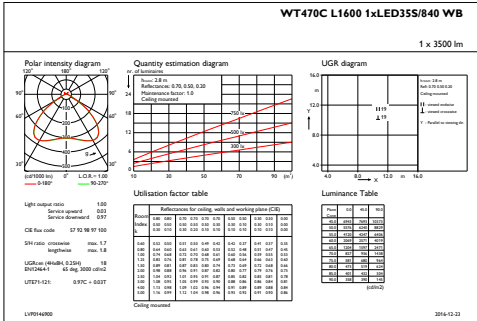


## Dimensional drawing



Pacific LED WT470C-WT482C

Photometric data



IFGU1\_WT470CL16001xLED35S840WB

IFPC1\_WT470CL16001xLED35S840WB

