# Pacific LED gen4

## WT470X LED35S/840 VWB ELP3 ACW TW1 L1600

PACIFIC LED GREEN PARKING, 840 neutral white, Very wide beam, Screw connection with plug 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 colour 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 optimised lighting scheme for a wide range of applications. For industrial applications, PacificLED gen4 offers an open product architecture with tool-less 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 that could affect the primary production process.

## Product data

### General Information

| | |
|---|---|
| **Light source replaceable** | Yes |
| **Number of gear units** | Unit |
| **Driver included** | Yes |
| **Remarks** | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| **Product family code** | WT470X [PACIFIC LED GREEN PARKING] |

| | |
|---|---|
| **Lighting Technology** | LED |
| **Value ladder** | Specification |
| **CE mark** | Yes |
| **Warranty period** | 5 years |
| **Flammability mark** | For mounting on easily flammable surfaces |
| **ENEC mark** | ENEC mark |
| **Glow-wire test** | Temperature 850 °C, duration 5 s |
| **EU RoHS compliant** | Yes |

### Light Technical

| | |
|---|---|
| **Luminous Flux** | 3,500 lm |
| **Correlated Colour Temperature** | 4000 K |

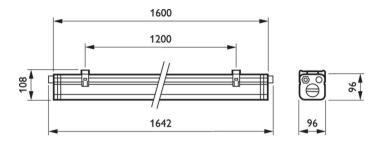# Pacific LED gen4

| | |
|---|---|
| Luminous efficacy (rated) (nom.) | 121 lm/W |
| Colour rendering index (CRI) | >80 |
| Beam angle of light source | 120 degree(s) |
| Light source colour | 840 neutral white |
| Optic type | Very wide beam |
| Luminaire light beam spread | 120° x 120° |
| Unified Glare Rating (CEN) | 22 |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220–240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 21 A |
| Inrush time | 0.28 ms |
| Power Consumption | 29 W |
| Power Factor (Fraction) | 0.96 |
| Connection | Screw connection with plug and socket |
| Cable | – |
| Number of products on MCB of 16 A type B | 24 |

## Temperature

| | |
|---|---|
| Ambient temperature range | 0 to +35 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing material | Polycarbonate |
| Reflector material | – |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Fixation material | Steel |
| Housing Colour | White |
| Optical cover/lens finish | Clear |
| Overall length | 1,642 mm |
| Overall width | 96 mm |
| Overall height | 108 mm |

| | |
|---|---|
| Dimensions (height x width x depth) | 108 x 96 x 1642 mm |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class I |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/–7% |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/–11% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 50,000 h | L80 |

## Application Conditions

| | |
|---|---|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | Not applicable |

## Product Data

| | |
|---|---|
| Order product name | WT470X LED35S/840 VWB ELP3 ACW TW1 L1600 |
| Full product name | WT470X LED35S/840 VWB ELP3 ACW TW1 L1600 |
| Full EOC | 871869638032100 |
| Order code | 38032100 |
| Material no. (12 NC) | 910925863911 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718696380321 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718696380321 |

# Pacific LED gen4

**Dimensional drawing**

www.lighting.philips.com

2023, December 5 – data subject to change