

# Pacific LED gen4

## WT470C LED64S/840 PSU NB L1600

PACIFIC LED WATERPROOF, 840 neutral white, Power supply unit (On/Off), Narrow 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 | |
|---|---|
| **Light source replaceable** | Yes |
| **Number of gear units** | 1 unit |
| **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. |

| | |
|---|---|
| **Product family code** | WT470C [PACIFIC LED WATERPROOF] |
| **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 |

# Pacific LED gen4

| Light Technical | |
|---|---|
| **Luminous Flux** | 6,600 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 142 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Flickering value (PstLM)** | 1 |
| **Stroboscopic effect value (SVM)** | 0.4 |
| **Beam angle of light source** | 120 degree(s) |
| **Light source color** | 840 neutral white |
| **Optic type** | Narrow beam |
| **Luminaire light beam spread** | 50° x 60° |
| **Unified glare rating CEN** | 16 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 17.8 A |
| **Inrush time** | 0.282 ms |
| **Power Consumption** | 46.5 W |
| **Power Factor (Fraction)** | 0.98 |
| **Connection** | Screw connection with pug and socket |
| **Cable** | - |
| **Number of products on MCB of 16 A type B** | 24 |

| Temperature | |
|---|---|
| **Ambient temperature range** | -25 to +45 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |
| **Driver/power unit/transformer** | Power supply unit (On/Off) |
| **Constant light output** | No |

| Mechanical and Housing | |
|---|---|
| **Housing Material** | Polycarbonate |
| **Reflector material** | - |
| **Optic material** | Polycarbonate |
| **Optical cover material** | Polycarbonate |
| **Fixation material** | Steel |
| **Housing Color** | White |
| **Optical cover finish** | Clear |
| **Overall length** | 1,621 mm |
| **Overall width** | 96 mm |
| **Overall height** | 108 mm |
| **Dimensions (Height x Width x Depth)** | 108 x 96 x 1621 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% |

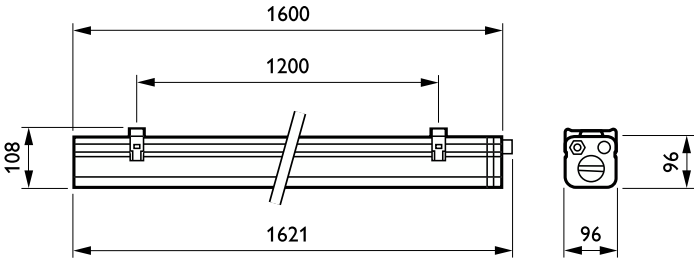
| Over Time Performance (IEC Compliant) | |
|---|---|
| **Control gear failure rate at median useful life 50000 h** | 5 % |
| **Control gear failure rate at median useful life 100000 h** | 10 % |
| **Lumen maintenance at median useful life* 50000 h** | L90 |

| Application Conditions | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Suitable for random switching** | Not applicable |

| Product Data | |
|---|---|
| **Order product name** | WT470C LED64S/840 PSU NB L1600 |
| **Full product name** | WT470C LED64S/840 PSU NB L1600 |
| **Full product code** | 871869637955400 |
| **Order code** | 910925863833 |
| **Material Nr. (12NC)** | 910925863833 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718696379554 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8718696379554 |

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## Dimensional drawing




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