# Pacific LED Gen5

## WT490C 80S/840 PSU WB PI5 L1200

Pacific LED gen5, 840 neutral white, Power supply unit (On/Off), Wide beam, Push-in connector 5-pole

Pacific LED gen5 is an innovative and best-in-class LED waterproof luminaire that is praised for its optimal performance. It meets the demanding requirements of contemporary and harsh industries. It is a very robust, compact and reliable luminaire with excellent quality of light. With a high degree of mechanical (IK08), water and dust protection (IP66), combined with proven chemical resistance, the Pacific LED gen5 can perfectly withstand the harsh conditions of the automotive, food and heavy industries. But it also performs well in parking garages and warehouses. Pacific LED gen5 luminaires provide superior, artefact-free light quality and homogeneous light, offered with multiple optics and broad range of light outputs (up to 15,000 lm). This ensures more flexibility in optimized light scheme planning. They are also designed with a circular approach, which means these fully-serviceable luminaires can be upgraded to extend their overall lifecycle. The luminaires stand out because of their quick and easy installation that facilitates through wiring and various connection and mounting options. But also, because of their attractive TCO, energy efficiency, and ease of maintenance – with minimum of disruption to operations in demanding applications. To make the Pacific LED gen5 even more complete, system integration with Interact Industry opens up additional opportunities for optimized efficiency, energy savings, improved light management, productivity, and safety. Making it future proof in every aspect. Discover Pacific LED gen5. Optimal performance for demanding environments.

**Warnings and Safety**

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

### Product data

# Pacific LED Gen5

| General Information | |
|---|---|
| **Light source replaceable** | Yes |
| **Number of gear units** | 1 unit |
| **Driver included** | Yes |
| **Service tag** | Yes |
| **Product family code** | WT490C [Pacific LED gen5] |
| **Lighting Technology** | LED |
| **Value ladder** | Specification |
| **CE mark** | Yes |
| **Warranty period** | 5 years |
| **Flammability mark** | For mounting on easily flammable surfaces |
| **ENEC mark** | ENEC plus mark |
| **Glow-wire test** | Temperature 850 °C, duration 30 s |
| **EU RoHS compliant** | Yes |

| Light Technical | |
|---|---|
| **Luminous Flux** | 8,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 157 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Flickering value (PstLM) - Flickering value as per EN 61000-3-3** | 1 |
| **Stroboscopic effect visibility measure (SVM)** | 0.4 |
| **Light source color** | 840 neutral white |
| **Optic type** | Wide beam |
| **Luminaire light beam spread** | 93° x 93° |
| **Unified glare rating CEN** | 22 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 19 A |
| **Inrush time** | 0.28 ms |
| **Power Consumption** | 51 W |
| **Power Factor (Fraction)** | 0.97 |
| **Connection** | Push-in connector 5-pole |
| **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** | 1,248 mm |
| **Overall width** | 96 mm |
| **Overall height** | 68 mm |
| **Dimensions (Height x Width x Depth)** | 68 x 96 x 1248 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 |
| **Photobiological risk** | Photobiological risk group 1 @200mm to EN62778 |
| **Photobiological risk specification** | 0 m |

| 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 |
| **Lumen maintenance at median useful life* 100000 h** | L80 |

| Application Conditions | |
|---|---|
| **Performance ambient temperature Tq** | 25 °C |
| **Suitable for random switching** | No |

| Product Data | |
|---|---|
| **Order product name** | WT490C 80S/840 PSU WB PI5 L1200 |
| **Full product name** | WT490C 80S/840 PSU WB PI5 L1200 |
| **Full product code** | 871951462355200 |
| **Order code** | 910925868290 |
| **Material Nr. (12NC)** | 910925868290 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8719514623552 |
| **Numerator - Packs per outer box** | 1 |
| **EAN/UPC - Case** | 8719514623552 |

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## Dimensional drawing