



# Pacific LED Gen5

## WT490C 80S/840 PSU WB WA7 L1200

Pacific LED Gen5, Waterproof, 51 W, L1200 mm, 8000 lm, 4000 K, Wide beam, Clear, IP66, IK08

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

|  |                            |
|--|----------------------------|
| <b>General Information</b>               |                            |
| Light source replaceable                 | Yes                        |
| Number of gear units                     | 1 unit                     |
| Driver included                          | Yes                        |
| Service tag                              | Yes                        |
| Lighting Technology                      | LED                        |
| Value ladder                             | Specification              |
| Warranty period                          | 5 years                    |
| Sustainability rating                    | Lighting for circularity   |
| <b>Light Technical</b>                   |                            |
| Luminous Flux                            | 8,000 lm                   |
| Correlated Color Temperature (Nom)       | 4000 K                     |
| Luminous Efficacy (rated) (Nom)          | 157 lm/W                   |
| Color rendering index (CRI)              | >80                        |
| Light source color                       | 840 neutral white          |
| Optic type                               | Wide beam                  |
| Luminaire light beam spread              | 93° x 93°                  |
| Unified glare rating CEN                 | 22                         |
| <b>Operating and Electrical</b>          |                            |
| 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 7-pole   |
| Cable                                    | -                          |
| Number of products on MCB of 16 A type B | 24                         |
| Suitable for random switching            | No                         |
| Protection class IEC                     | Safety class I             |
| Total harmonic distortion                | 20 %                       |
| <b>Controls and Dimming</b>              |                            |
| Dimmable                                 | No                         |
| Driver/power unit/transformer            | Power supply unit (On/Off) |
| Control interface                        | -                          |
| Constant light output                    | No                         |
| <b>Mechanical and Housing</b>            |                            |
| 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          |

|   |  |
|---|--|
| Ingress protection code   | IP66 [Dust penetration-protected, jet-proof]   |
| Mech. impact protection code                                    | IK08 [5 J vandal-protected]                    |
| Net Weight (Piece)  | 2.330 kg                                       |
| <b>Approval and Application</b>                                 |  |
| Glow-wire test  | Temperature 850 °C, duration 30 s              |
| Flammability mark   | For mounting on easily flammable surfaces      |
| CE mark   | Yes  |
| ENEC mark   | ENEC plus mark                                 |
| Photobiological risk  | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification                              | 0 m  |
| EU RoHS compliant   | Yes  |
| Performance ambient temperature Tq                              | 25 °C  |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1  |
| Stroboscopic effect visibility measure (SVM)                    | 0.4  |
| Ambient temperature range                                       | -25 to +45 °C                                  |
| <b>Initial Performance (IEC Compliant)</b>                      |  |
| Luminous flux tolerance   | +/-7%  |
| Initial chromaticity  | (0.38, 0.38) SDCM <3                           |
| Power consumption tolerance                                     | +/-11%   |
| Standard Deviation of Colour Matching (McAdam ellipse)          | SDCM≤3   |
| <b>Over Time Performance (IEC Compliant)</b>                    |  |
| 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  |
| <b>Product Data</b>   |  |
| Order product name  | WT490C 80S/840 PSU WB WA7 L1200                |
| Full product name   | WT490C 80S/840 PSU WB WA7 L1200                |
| Full product code   | 871951462324800                                |
| Order code  | 910925868259                                   |
| Material Nr. (12NC)   | 910925868259                                   |
| Numerator - Quantity Per Pack                                   | 1  |
| EAN/UPC - Product/Case  | 8719514623248                                  |
| Numerator - Packs per outer box                                 | 1  |
| EAN/UPC - Case  | 8719514623248                                  |
| Product family code   | WT490C [Pacific LED gen5]                      |

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### Dimensional drawing

