



Pacific LED Gen5

WT490C 64S/840 PSU WB TW3 WA7L1200

Pacific LED Gen5, Waterproof, 40 W, L1200 mm, 6400 lm, 4000 K, Wide beam, Clear, IP66, IK08, TW3

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 (IKO8), 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 fullyserviceable 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

Datasheet, 2025, January 20 data subject to change

Pacific LED Gen5

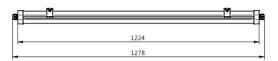
| General Information | | Overall height | 68 mm |
|---|--|---|--|
| Light source replaceable | Yes | Dimensions (Height x Width x Depth) | 68 x 96 x 1278 mm |
| Number of gear units | 1 unit | Ingress protection code | IP66 [Dust penetration-protected, jet- |
| Driver included | Yes | | proof] |
| Service tag | Yes | Mech. impact protection code | IK08 [5 J vandal-protected] |
| Lighting Technology | LED | Net Weight (Piece) | 2.330 kg |
| Value ladder | Specification | | |
| Warranty period | 5 years | Approval and Application | |
| Sustainability rating | Lighting for circularity | Glow-wire test | Temperature 850 °C, duration 30 s |
| | | Flammability mark | For mounting on easily flammable |
| Light Technical | | | surfaces |
| Luminous Flux | 6,400 lm | CE mark | Yes |
| Correlated Color Temperature (Nom) | 4000 K | ENEC mark | ENEC plus mark |
| Luminous Efficacy (rated) (Nom) | 160 lm/W | Photobiological risk | Photobiological risk group 1 @200mm |
| Color rendering index (CRI) | >80 | | to EN62778 |
| Light source color | 840 neutral white | Photobiological risk specification | 0 m |
| Optic type | Wide beam | EU RoHS compliant | Yes |
| Luminaire light beam spread | 93° x 93° | Performance ambient temperature Tq | 25 ℃ |
| Unified glare rating CEN | 22 | Flickering value (PstLM) - Flickering value as | 1 |
| | | per EN 61000-3-3 | |
| Operating and Electrical | | Stroboscopic effect visibility measure (SVM) | 0.4 |
| Input Voltage | 220 to 240 V | Ambient temperature range | -25 to +45 °C |
| Line Frequency | 50 to 60 Hz | | |
| Inrush current | 19 A | Initial Performance (IEC Compliant) | |
| Inrush time | 0.28 ms | Luminous flux tolerance | +/-7% |
| Power Consumption | 40 W | Initial chromaticity | (0.38, 0.38) SDCM <3 |
| | 1-11 | | |
| Power Factor (Fraction) | 0.96 | Power consumption tolerance | +/-11% |
| Power Factor (Fraction) | 0.96 Push-in connector 7-pole | Power consumption tolerance Standard Deviation of Colour Matching | +/-11% SDCM≤3 |
| Connection | Push-in connector 7-pole | · · · · · · · · · · · · · · · · · · · | |
| Connection Cable | Push-in connector 7-pole | Standard Deviation of Colour Matching | |
| Connection Cable Number of products on MCB of 16 A type B | Push-in connector 7-pole - 24 | Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching | Push-in connector 7-pole - 24 No | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC | Push-in connector 7-pole - 24 No Safety class I | Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC | Push-in connector 7-pole - 24 No Safety class I | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life | SDCM≤3 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h | SDCM≤3 5 % 10 % |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* | SDCM≤3 5 % 10 % |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h | SDCM≤3 5 % 10 % L95 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* | SDCM≤3 5 % 10 % L95 |
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| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h | SDCM≤3 5 % 10 % L95 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - No | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Product Data | SDCM≤3 5 % 10 % L95 L90 |
| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - No Polycarbonate | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Product Data | SDCM≤3 5 % 10 % L95 L90 WT490C 64S/840 PSU WB TW3 |
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| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - No Polycarbonate - Polycarbonate | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Product Data Order product name | SDCM≤3 5 % 10 % L95 L90 WT490C 645/840 PSU WB TW3 WA7L1200 WT490C 645/840 PSU WB TW3 |
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| Connection Cable Number of products on MCB of 16 A type B Suitable for random switching Protection class IEC Feed-through wiring Total harmonic distortion Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color | Push-in connector 7-pole - 24 No Safety class I Feed-through wiring 3-phase 20 % No Power supply unit (On/Off) - No Polycarbonate - Polycarbonate Polycarbonate Steel White | Standard Deviation of Colour Matching (McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | SDCM≤3 5 % 10 % L95 L90 WT490C 64\$/840 PSU WB TW3 WA7L1200 WT490C 64\$/840 PSU WB TW3 WA7L1200 871951462314900 910925868249 910925868249 |
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Product family code

WT490C [Pacific LED gen5]

Dimensional drawing







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