



# **Pacific LED Gen5**

## WT490C 42S/840 PSU VWB WA7 L1200

Pacific LED Gen5, Waterproof, 25.5 W, L1200 mm, 4200 lm, 4000 K, Very 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 (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, 2024, December 2 data subject to change

## Pacific LED Gen5

General Information	
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
Light Technical	
	4200 lm
Correlated Color Temperature (Nom)	4,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	165 lm/W >80
Color rendering index (CRI)	
Light source color	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	123° x 122°
Unified glare rating CEN	25
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	25.5 W
Power Factor (Fraction)	0.93
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 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Machanianianiani	
Mechanical and Housing	Deluganhamata
Housing Material	Polycarbonate
Reflector material	- Deli isanih amat -
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
( Worall longth	1,248 mm
Overall length	
Overall width	96 mm
	96 mm 68 mm 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  Approval and Application  Glow-wire test   Temperature 850 °C, duration 30 s   Flammability mark   For mounting on easily flammable surfaces  CE mark   Yes   ENEC plus mark   Photobiological risk   Photob		
Mech. impact protection code  Net Weight (Piece)  2.330 kg  Approval and Application  Glow-wire test  Temperature 850 °C, duration 30 s Flammability mark  For mounting on easily flammable surfaces  CE mark  Yes  ENEC mark  Photobiological risk  Photobiological risk pecification  EU RoHS compliant  Yes  Performance ambient temperature Tq  25 °C  Flickering value (PstLM) - Flickering value as per EM 61000-3-3  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  O.38, 0.38, 0.38) SDCM <3  Power consumption tolerance  4/-7%  Initial chromaticity  O.38, 0.38, 0.38) SDCM <3  Power consumption tolerance  4/-11%  Standard Deviation of Colour Matching  McAdam ellipse)  Over Time Performance (IEC Compliant)  Lumen maintenance at median useful life  50000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  50000 h  Lumen maintenance at median useful life  Formuna in the maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  100000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful life  10 %  10000 h  Lumen maintenance at median useful	Ingress protection code	IP66 [Dust penetration-protected, jet-
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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  Stroboscopic effect visibility measure (SVM) 0.4  Ambient temperature range -25 to +45 °C  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-7%  Initial chromaticity (0.38, 0.38) SDCM <3  Power consumption tolerance +/-11%  SDCM≤3  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 5 %  50000 h  Control gear failure rate at median useful life 100%  100000 h  Lumen maintenance at median useful life 25  50000 h  Product Data  Order product name WT490C 425/840 PSU VWB WA7 L1200  Full product code 871951462673700  Order code 910925868612  Material Nr. (12NC) 910925868612  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8719514626737  Numerator - Packs per outer box 1  EAN/UPC - Case 8779514626737	CE mark	Yes
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Control gear failure rate at median useful life 50000 h  Control gear failure rate at median useful life 10 %  100000 h  Lumen maintenance at median useful life* L95  50000 h  Lumen maintenance at median useful life* L90  100000 h  Product Data  Order product name WT490C 42S/840 PSU VWB WA7 L1200  Full product name WT490C 42S/840 PSU VWB WA7 L1200  Full product code 871951462673700  Order code 910925868612  Material Nr. (12NC) 910925868612  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8719514626737  Numerator - Packs per outer box 1  EAN/UPC - Case 8719514626737	(McAdam ellipse)	
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50000 h  Control gear failure rate at median useful life 10 %  100000 h  Lumen maintenance at median useful life* L95  50000 h  Lumen maintenance at median useful life* L90  100000 h  Product Data  Order product name WT490C 42S/840 PSU VWB WA7 L1200  Full product code 871951462673700  Order code 910925868612  Material Nr. (12NC) 910925868612  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8719514626737  Numerator - Packs per outer box 1  EAN/UPC - Case 8719514626737	Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 10 %  100000 h  Lumen maintenance at median useful life* L95  50000 h  Lumen maintenance at median useful life* L90  100000 h  Product Data  Order product name WT490C 42S/840 PSU VWB WA7 L1200  Full product code 871951462673700  Order code 910925868612  Material Nr. (12NC) 910925868612  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8719514626737  Numerator - Packs per outer box 1  EAN/UPC - Case 8719514626737	Control gear failure rate at median useful life	5 %
100000 h  Lumen maintenance at median useful life* L95 50000 h  Lumen maintenance at median useful life* L90 100000 h  Product Data  Order product name WT490C 42S/840 PSU VWB WA7 L1200 Full product name WT490C 42S/840 PSU VWB WA7 L1200 Full product code 871951462673700  Order code 910925868612  Material Nr. (12NC) 910925868612  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8719514626737  Numerator - Packs per outer box 1  EAN/UPC - Case 8719514626737	50000 h	
Lumen maintenance at median useful life*         L95           50000 h         Lumen maintenance at median useful life*         L90           100000 h         L90           Product Data           Order product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737	Control gear failure rate at median useful life	10 %
Lumen maintenance at median useful life*   L90		
Lumen maintenance at median useful life*         L90           100000 h           Product Data           Order product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		L95
Product Data		
Product Data         WT490C 42S/840 PSU VWB WA7 L1200           Full product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		190
Order product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737	100000 h	
Order product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737	Product Data	
Full product name         WT490C 42S/840 PSU VWB WA7 L1200           Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		WT490C 425/840 BSH VWB WA7 I 1200
Full product code         871951462673700           Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		
Order code         910925868612           Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		
Material Nr. (12NC)         910925868612           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737	<u> </u>	
Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		
EAN/UPC - Product/Case         8719514626737           Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		
Numerator - Packs per outer box         1           EAN/UPC - Case         8719514626737		
<b>EAN/UPC - Case</b> 8719514626737		
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## Pacific LED Gen5

### Dimensional drawing





