



# **Pacific LED Gen5**

## WT492C 80S/840 PSD WB W5 L1800

Pacific LED Gen5, Waterproof, 48.5 W, L1800 mm, 8000 lm, 4000 K, DALI, Wide beam, Clear, IP66, IK08, ATEX 2/22

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

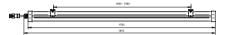
## Pacific LED Gen5

General Information		Overall width	96 mm
Light source replaceable	Yes	Overall height	68 mm
Number of gear units	1 unit	Dimensions (Height x Width x Depth)	68 x 96 x 1810 mm
Driver included	Yes	Ingress protection code	IP66 [Dust penetration-protected, jet-
Service tag	Yes		proof]
Lighting Technology	LED	Mech. impact protection code	IK08 [5 J vandal-protected]
Value ladder	Specification	Explosion hazard class	Zone 2 and 22
Warranty period	5 years	Net Weight (Piece)	3.200 kg
Sustainability rating	Lighting for circularity		
		Approval and Application	
Light Technical		Glow-wire test	Temperature 850 °C, duration 30 s
Luminous Flux	8,000 lm	Flammability mark	For mounting on easily flammable
Correlated Color Temperature (Nom)	4000 K		surfaces
Luminous Efficacy (rated) (Nom)	165 lm/W	CE mark	Yes
Color rendering index (CRI)	>80	ENEC mark	ENEC plus mark
Light source color	840 neutral white	Photobiological risk	Photobiological risk group 1 @200mm to
Optic type	Wide beam		EN62778
Luminaire light beam spread	93° x 93°	Photobiological risk specification	0 m
Unified glare rating CEN	22	EU RoHS compliant	Yes
		Performance ambient temperature Tq	25 °C
Operating and Electrical		Flickering value (PstLM) - Flickering value as	1
Input Voltage	220 to 240 V	per EN 61000-3-3	
Line Frequency	50 to 60 Hz	Stroboscopic effect visibility measure (SVM)	0.4
Inrush current	25.1 A	Ambient temperature range	-25 to +45 °C
Inrush time	0.214 ms		
Power Consumption	48.5 W	Initial Performance (IEC Compliant)	
Power Factor (Fraction)	0.99	Luminous flux tolerance	+/-7%
Connection	Plug-in connector 5-pole Wieland/Adels	Initial chromaticity	(0.38, 0.38) SDCM <3
Connection	compatible	Power consumption tolerance	+/-11%
Cable	Cord with plug Wieland/Adels	Standard Deviation of Colour Matching	SDCM≤3
Cable	compatible 5-pole	(McAdam ellipse)	
Number of products on MCB of 16 A type B	21	(	
Suitable for random switching	No	Over Time Performance (IEC Compliant	)
Protection class IEC	Safety class I	Control gear failure rate at median useful life	·
Total harmonic distortion	20 %	50000 h	
- Total Harmonic distortion	20 /6	Control gear failure rate at median useful life	10 %
Controls and Dimming		100000 h	
Dimmable	Vaa	Lumen maintenance at median useful life*	L90
	Power supply unit with DALI interface	50000 h	
Driver/power unit/transformer		Lumen maintenance at median useful life*	L80
Control interface  Constant light output	DALI	100000 h	
	No DALL ST		
DALI Standard	DALI-2™	Product Data	
Machanian and Hausing		Order product name	WT492C 80S/840 PSD WB W5 L1800
Mechanical and Housing		Full product name	WT492C 80S/840 PSD WB W5 L1800
Housing Material	Polycarbonate	Full product code	871951462767300
Reflector material	-	Order code	910925868707
Optic material	Polycarbonate	Material Nr. (12NC)	910925868707
Optical cover material	Polycarbonate	Numerator - Quantity Per Pack	1
Fixation material	Steel	EAN/UPC - Product/Case	8719514627673
Housing Color	White	Numerator - Packs per outer box	1
Optical cover finish	Clear	EAN/UPC - Case	8719514627673
Overall length	1,810 mm	Entry OF C - Case	

Product family code

WT492C [Pacific LED gen5 ATEX 2/22]

### Dimensional drawing







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