



Pacific LED Gen5

WT490C 80S/840 PSD NB-HRO WA7L1200

Pacific LED Gen5, Waterproof, 51 W, L1200 mm, 8000 lm, 4000 K, DALI, Narrow beam - High-rack optic, 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, 2025, January 20 data subject to change

Pacific LED Gen5

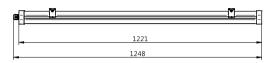
General Information		Overall height	68 mm
Light source replaceable	Yes	Dimensions (Height x Width x Depth)	68 x 96 x 1248 mm
Number of gear units	1 unit	Ingress protection code	IP66 [Dust penetration-protected, jet-
Driver included	Yes		proof]
Service tag	Yes	Mech. impact protection code	IKO8 [5 J vandal-protected]
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	8,000 lm	CE mark	Yes
Correlated Color Temperature (Nom)	4000 K	ENEC mark	ENEC plus mark
Luminous Efficacy (rated) (Nom)	157 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	Narrow beam - High-rack optic	EU RoHS compliant	Yes
Luminaire light beam spread	50° x 74°	Performance ambient temperature Tq	25 °C
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 ℃
Line Frequency	50 to 60 Hz		
Inrush current	25.1 A	Initial Performance (IEC Compliant)	
Inrush time	0.214 ms	Luminous flux tolerance	+/-7%
Power Consumption	51 W	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Factor (Fraction)	0.99	Power consumption tolerance	+/-11%
Connection	Push-in connector 7-pole	Standard Deviation of Colour Matching	SDCM≤3
Cable	-	(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	5 %
Total harmonic distortion	20 %	50000 h	
		Control gear failure rate at median useful life	10 %
Controls and Dimming		100000 h	
Dimmable	Yes	Lumen maintenance at median useful life*	L90
Driver/power unit/transformer	Power supply unit with DALI interface	50000 h	
Control interface	DALI	Lumen maintenance at median useful life*	L80
Constant light output	No	100000 h	
DALI Standard	DALI-2™		
		Product Data	
Mechanical and Housing		Order product name	WT490C 80S/840 PSD NB-HRO
Housing Material	Polycarbonate		WA7L1200
Reflector material	-	Full product name	WT490C 80S/840 PSD NB-HRO
Optic material	Polycarbonate		WA7L1200
Optical cover material	Polycarbonate	Full product code	871951462323100
Fixation material	Steel	Order code	910925868258
Housing Color	White	Material Nr. (12NC)	910925868258
Optical cover finish	Clear	Numerator - Quantity Per Pack	1
Overall length	1,248 mm	EAN/UPC - Product/Case	8719514623231
Overall width	96 mm	Numerator - Packs per outer box	1
		EAN/UPC - Case	8719514623231

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Product family code

WT490C [Pacific LED gen5]

Dimensional drawing







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