



Pacific LED Gen5

WT490C 80S/840 PSD WB TW3 WA7L1200

Pacific LED Gen5, Waterproof, 51 W, L1200 mm, 8000 lm, 4000 K, DALI, 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

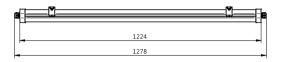
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General Information		Overall width	96 mm
Light source replaceable	Yes	Overall height	68 mm
Number of gear units	1 unit	Dimensions (Height x Width x Depth)	68 x 96 x 1278 mm
Driver included	Yes	Ingress protection code	IP66 [Dust penetration-protected, jet-
Service tag	Yes		proof]
Lighting Technology	LED	Mech. impact protection code	IK08 [5 J vandal-protected]
Value ladder	Specification	Net Weight (Piece)	2.330 kg
Warranty period	5 years		
Sustainability rating	Lighting for circularity	Approval and Application	
		Glow-wire test	Temperature 850 °C, duration 30 s
Light Technical		Flammability mark	For mounting on easily flammable
Luminous Flux	8,000 lm		surfaces
Correlated Color Temperature (Nom)	4000 K	CE mark	Yes
Luminous Efficacy (rated) (Nom)	157 lm/W	ENEC mark	ENEC plus mark
Color rendering index (CRI)	>80	Photobiological risk	Photobiological risk group 1 @200mm to
Light source color	840 neutral white		EN62778
Optic type	Wide beam	Photobiological risk specification	0 m
Luminaire light beam spread	93° x 93°	EU RoHS compliant	Yes
Unified glare rating CEN	22	Performance ambient temperature Tq	25 °C
		Flickering value (PstLM) - Flickering value as	1
Operating and Electrical		per EN 61000-3-3	
Input Voltage	220 to 240 V	Stroboscopic effect visibility measure (SVM)	0.4
Line Frequency	50 to 60 Hz	Ambient temperature range	-25 to +45 °C
Inrush current	25.1 A		
Inrush time		Initial Performance (IEC Compliant)	
	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)	3DCIMES
Number of products on MCB of 16 A type B	21	(McAdaii ettipse)	
Suitable for random switching	No	Over Time Performance (IEC Compliant)
Protection class IEC	Safety class I	Control gear failure rate at median useful life	·
Feed-through wiring	Feed-through wiring 3-phase	50000 h	J /6
Total harmonic distortion	20 %	Control gear failure rate at median useful life	10 %
		100000 h	10 %
Controls and Dimming		Lumen maintenance at median useful life*	L90
Dimmable	Yes	50000 h	190
Driver/power unit/transformer	Power supply unit with DALI interface	Lumen maintenance at median useful life*	L80
Control interface	DALI	100000 h	200
Constant light output	No		
DALI Standard	DALI-2™	Product Data	
		Order product name	WT490C 80S/840 PSD WB TW3
Mechanical and Housing		Order product name	WA7L1200
Housing Material	Polycarbonate	Full product name	
Reflector material	-	. da product name	WT490C 80S/840 PSD WB TW3 WA7L1200
Optic material	Polycarbonate	Full product code	
Optical cover material	Polycarbonate	Full product code	871951462328600
Fixation material	Steel	Order code	910925868263
Housing Color	White	Material Nr. (12NC)	910925868263
Optical cover finish	Clear	Numerator - Quantity Per Pack	0770514622226
Overall length	1,278 mm	EAN/UPC - Product/Case	8719514623286
		Numerator - Packs per outer box	1

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EAN/UPC - Case	8719514623286	
Product family code	WT490C [Pacific LED gen5]	

Dimensional drawing







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