



Pacific LED Gen5

WT490C 23S/840 PSU WB PI5 L700

Pacific LED Gen5, Waterproof, 15.2 W, L700 mm, 2300 lm, 4000 K, 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 (IK08), 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 fully-serviceable 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

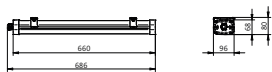
Pacific LED Gen5

General Information			
Light source replaceable	Yes	Optical cover finish	Clear
Number of gear units	1 unit	Overall length	686 mm
Driver included	Yes	Overall width	96 mm
Service tag	Yes	Overall height	68 mm
Lighting Technology	LED	Dimensions (Height x Width x Depth)	68 x 96 x 686 mm
Value ladder	Specification	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts	Mech. impact protection code	IK08 [5 J vandal-protected]
Warranty period	5 years	Net Weight (Piece)	1.580 kg
Sustainability rating	Signify Circle		
Light Technical		Approval and Application	
Luminous Flux	2,300 lm	Glow-wire test	Temperature 850 °C, duration 30 s
Correlated Color Temperature (Nom)	4000 K	Flammability mark	For mounting on easily flammable surfaces
Luminous Efficacy (rated) (Nom)	151 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 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	19	Performance ambient temperature Tq	25 °C
		Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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	17 A	Initial Performance (IEC Compliant)	
Inrush time	0.244 ms	Luminous flux tolerance	+/-7%
Power Consumption	15.2 W	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Factor (Fraction)	0.94	Power consumption tolerance	+/-11%
Connection	Push-in connector 5-pole	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Cable	-		
Number of products on MCB of 16 A type B	33	Over Time Performance (IEC Compliant)	
Suitable for random switching	No	Control gear failure rate at median useful life 50000 h	5 %
Protection class IEC	Safety class I	Control gear failure rate at median useful life 100000 h	10 %
Total harmonic distortion	13 %	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
		Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (On/Off)	Order product name	WT490C 23S/840 PSU WB PIS L700
Control interface	-	Full product name	WT490C 23S/840 PSU WB PIS L700
Constant light output	No	Full product code	871951462352100
		Order code	910925868287
Mechanical and Housing		Material Nr. (12NC)	910925868287
Housing Material	Polycarbonate	Numerator - Quantity Per Pack	1
Reflector material	-	EAN/UPC - Product/Case	8719514623521
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Polycarbonate		
Fixation material	Steel		
Housing Color	White		

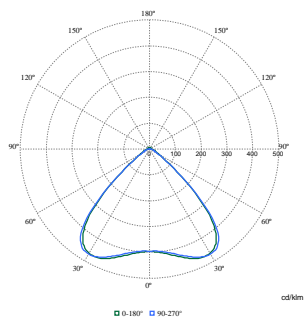
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EAN/UPC - Case	8719514623521
Product family code	WT490C [Pacific LED gen5]

Dimensional drawing



Photometric data



Polar Normal (separate) - WT490CI - 910925868287

