



Pacific LED Gen5

WT490C 42S/840 PSU WB PI5 L1200

Pacific LED Gen5, Waterproof, 25.5 W, L1200 mm, 4200 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

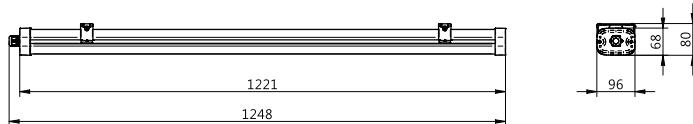
Pacific LED Gen5

General Information		Optical cover finish	Clear
Light source replaceable	Yes	Overall length	1,248 mm
Number of gear units	1 unit	Overall width	96 mm
Driver included	Yes	Overall height	68 mm
Service tag	Yes	Dimensions (Height x Width x Depth)	68 x 96 x 1248 mm
Lighting Technology	LED	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Value ladder	Specification	Mech. impact protection code	IK08 [5 J vandal-protected]
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	Net Weight (Piece)	2.330 kg
Warranty period	5 years	Approval and Application	
Sustainability rating	Signify Circle	Glow-wire test	Temperature 850 °C, duration 30 s
Light Technical		Flammability mark	For mounting on easily flammable surfaces
Luminous Flux	4,200 lm	CE mark	Yes
Correlated Color Temperature (Nom)	4000 K	ENEC mark	ENEC plus mark
Luminous Efficacy (rated) (Nom)	165 lm/W	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Color rendering index (CRI)	>80	Photobiological risk specification	0 m
Light source color	840 neutral white	EU RoHS compliant	Yes
Optic type	Wide beam	Performance ambient temperature Tq	25 °C
Luminaire light beam spread	93° x 93°	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Unified glare rating CEN	19	Stroboscopic effect visibility measure (SVM)	0.4
Operating and Electrical		Ambient temperature range	-25 to +45 °C
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	19 A	Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush time	0.28 ms	Power consumption tolerance	+/-11%
Power Consumption	25.5 W	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
Power Factor (Fraction)	0.94	Over Time Performance (IEC Compliant)	
Connection	Push-in connector 5-pole	Control gear failure rate at median useful life 50000 h	5 %
Cable	-	Control gear failure rate at median useful life 100000 h	10 %
Number of products on MCB of 16 A type B	24	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L95
Suitable for random switching	No	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90
Protection class IEC	Safety class I	Product Data	
Total harmonic distortion	20 %	Order product name	WT490C 42S/840 PSU WB PI5 L1200
Controls and Dimming		Full product name	WT490C 42S/840 PSU WB PI5 L1200
Dimmable	No	Full product code	871951462353800
Driver/power unit/transformer	Power supply unit (On/Off)	Order code	910925868288
Control interface	-	Material Nr. (12NC)	910925868288
Constant light output	No	Numerator - Quantity Per Pack	1
Mechanical and Housing		EAN/UPC - Product/Case	8719514623538
Housing Material	Polycarbonate	Numerator - Packs per outer box	1
Reflector material	-	Datasheet, 2025, December 23	
Optic material	Polycarbonate	2	
Optical cover material	Polycarbonate	data subject to change	
Fixation material	Steel		
Housing Color	White		

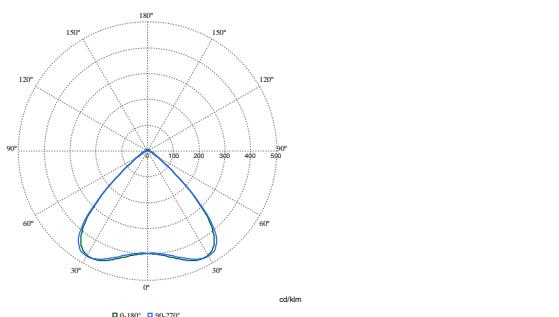
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EAN/UPC - Case	8719514623538
Product family code	WT490C [Pacific LED gen5]

Dimensional drawing



Photometric data



Polar Normal (separate) - WT490CI - 910925868288

