



Pacific LED Gen5

WT490C 42S/840 PSU WB PI5 L1200

Pacific LED gen5, 840 neutral white, Power supply unit (On/Off), Wide beam, Push-in connector 5-pole

The Pacific LED Gen5 WT490C series 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 WT490C can perfectly withstand the harsh conditions of the automotive, food and heavy industries. But it also performs well in car parks and warehouses. The Pacific LED Gen5 WT490C luminaires provide superior, artefact-free light quality and homogeneous light, offered with multiple optics and a broad range of light outputs (up to 15,000 lm). This ensures more flexibility in optimised light scheme planning. They are also designed with a circular approach, which means that 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 WT490C even more complete, system integration with Interact Industry opens up additional opportunities for optimised efficiency, energy savings, improved light management, productivity and safety. Making it future-proof in every way. Discover the Pacific LED Gen5 WT490C series. 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

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General Information	
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Product family code	WT490C [Pacific LED gen5]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	4,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	165 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93° x 93°
Unified Glare Rating (CEN)	19

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	25.5 W
Power Factor (Fraction)	0.94
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature	
Ambient temperature range	-25 to +45 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate

Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	1,248 mm
Overall width	96 mm
Overall height	68 mm
Dimensions (height x width x depth)	68 x 96 x 1248 mm

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L95
Lumen maintenance at median useful life* 100,000 h	L90

Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data	
Order product name	WT490C 42S/840 PSU WB PI5 L1200
Full product name	WT490C 42S/840 PSU WB PI5 L1200
Full EOC	871951462353800
Order code	62353800
Material no. (12 NC)	910925868288
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514623538
Numerator – packs per outer box	1
EAN/UPC - Case	8719514623538

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Dimensional drawing

