Pacific LED Gen5

WT490C 80S/840 PSD NB-HRO WA7 L1200

Pacific LED gen5, 840 neutral white, Power supply unit with DALI interface, Narrow beam - High-rack optic, Push-in connector 7-pole

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
Number of gear units	1 unit
Driver included	Yes
Service tag	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	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	157 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Light source color	840 neutral white
Optic type	Narrow beam - High-rack optic
Luminaire light beam spread	50° x 74°
Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	25.1 A
Inrush time	0.214 ms
Power Consumption	51 W
Power Factor (Fraction)	0.99
Connection	Push-in connector 7-pole
Cable	-
Number of products on MCB of 16 A type B	21

Temperature	
Ambient temperature range	-25 to +45 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Constant light output	No

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover 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 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

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

Product Data	
Order product name	WT490C 80S/840 PSD NB-HRO WA7 L1200
Full product name	WT490C 80S/840 PSD NB-HRO WA7 L1200
Full product code	871951462323100
Order code	910925868258
Material Nr. (12NC)	910925868258
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514623231
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514623231

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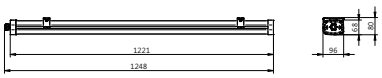
Dimensional drawing



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