Pacific LED Gen5

WT490C LED64S/840 PSD WB PI5 L1600

PACIFIC LED PRO - 840 neutral white - Power supply unit with DALI interface - Wide beam - Push-in connector 5-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

Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Wide beam
Luminaire light beam spread	93° x 93°
Connection	Push-in connector 5-pole
Cable	–
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	ENEC plus mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	21
EU RoHS compliant	Yes
Service tag	Yes
Product family code	WT490C [PACIFIC LED PRO]
Unified glare rating CEN	22

Operating and electrical

Input Voltage	208–240 V
Input Frequency	50 to 60 Hz
Inrush current	25.1 A
Inrush time	0.214 ms
Power Factor (Min)	0.99

Controls and dimming

Dimmable	Yes

Mechanical and housing

Housing Material	Polycarbonate
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1628 mm
Overall width	96 mm
Overall height	68 mm
Color	White

Dimensions (Height x Width x Depth)	68 x 96 x 1628 mm (2.7 x 3.8 x 64.1 in)

Approval and application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	6400 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	162 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	39.5 W
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	–
Lumen maintenance at median useful life* 100000 h	L80

Application conditions

Ambient temperature range	–25 to +45 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product data

Full product code	871951462475700
Order product name	WT490C LED64S/840 PSD WB PI5 L1600
EAN/UPC – Product	8719514624757
Order code	910925868412
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910925868412
Net Weight (Piece)	3.000 kg

Pacific LED Gen5

Dimensional drawing

WT490C LED64S/840 PSD WB PI5 L1600

www.lighting.philips.com

2022, February 18 – data subject to change