# **PHILIPS** Lighting



# **Pacific LED Gen5**

# WT492C 64S/840 PSD WB W5 L1200

Pacific LED Gen5, Waterproof, 39.5 W, L1200 mm, 6400 lm, 4000 K, DALI, Wide beam, Clear, IP66, IK08, ATEX 2/22

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 fullyserviceable luminaires can be upgraded to extend their overall lifecycle. The luminaires stand out because of their guick 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
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity
Light Technical	
Luminous Flux	6,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	162 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93° x 93°
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	0.0251 ms
Power Consumption	39.5 W
Power Factor (Fraction)	0.99
Connection	Plug-in connector 5-pole Wieland/Adels
	compatible
Cable	Cord with plug Wieland/Adels
	compatible 5-pole
Number of products on MCB of 16 A type B	21
Suitable for random switching	No

Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-25 to +45 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	
Over Time Performance (IEC Compliant	:)
Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L95
50000 h	
Lumen maintenance at median useful life*	L90
100000 h	
Product Data	
Order product name	WT492C 64S/840 PSD WB W5 L1200
Full product name	WT492C 64S/840 PSD WB W5 L1200
Full product code	871951462766600
Order code	910925868706
Material Nr. (12NC)	910925868706
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514627666

1

8719514627666

96 mm

68 mm

proof]

Zone 2 and 22

2.330 kg

surfaces

EN62778

0 m

Yes

1

25 °C

ENEC plus mark

Yes

68 x 96 x 1248 mm

IP66 [Dust penetration-protected, jet-

IK08 [5 J vandal-protected]

Temperature 850 °C, duration 30 s

For mounting on easily flammable

Photobiological risk group 1@200mm to

#### Mechanical and Housing

Protection class IEC

Dimmable

**Control interface** 

DALI Standard

Constant light output

Total harmonic distortion

**Controls and Dimming** 

Driver/power unit/transformer

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

Safety class I

Power supply unit with DALI interface

20 %

Yes

DALI

DALI-2™

No

Numerator - Packs per outer box

EAN/UPC - Case

Overall width

Overall height

Ingress protection code

Explosion hazard class

Net Weight (Piece)

Glow-wire test

CE mark

ENEC mark

Flammability mark

Photobiological risk

EU RoHS compliant

per EN 61000-3-3

Mech. impact protection code

**Approval and Application** 

Photobiological risk specification

Performance ambient temperature Tq

Flickering value (PstLM) - Flickering value as

Dimensions (Height x Width x Depth)

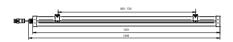
## Pacific LED Gen5

Product family code

WT492C [Pacific LED gen5 ATEX 2/22]

#### **Dimensional drawing**







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