



# Pacific LED gen4

## WT470C LED42S/840 PSD WB TW1 L1300

PACIFIC LED WATERPROOF, 840 neutral white, Power supply unit with DALI interface, Wide beam, Screw connection with pug and socket

PacificLED gen4 is a highly efficient and reliable LED waterproof luminaire that offers an excellent quality of light, with a uniform light distribution without visible striping or color artefacts. The range offers modular construction to enable ease of upgrade and maintenance. The new optical system provides distortion-free lighting with improved visual guidance, which makes it ideally suited to general industry, warehouses and parking areas. The range also offers the option of multiple optics to ensure an optimized lighting scheme for a wide range of applications. For industrial applications, PacificLED gen4 offers an open product architecture with toolless access to the gear tray and an innovative end-cap design with built-in connector for fast and easy installation. The single-piece mounting clamp ensures no small, loose components which could affect the primary production process.

### Product data

General Information		Product family code	WT470C [PACIFIC LED WATERPROOF]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Specification
Driver included	Yes	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.		
		Warranty period	5 years
		Flammability mark	For mounting on easily flammable surfaces
		ENEC mark	ENEC mark
		Glow-wire test	Temperature 850 °C, duration 5 s
		EU RoHS compliant	Yes

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<b>Light Technical</b>	
Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	110° x 110°
Unified glare rating CEN	22

<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	30.5 W
Power Factor (Fraction)	0.98
Connection	Screw connection with pug and socket
Cable	-
Number of products on MCB of 16 A type B	24

<b>Temperature</b>	
Ambient temperature range	-25 to +45 °C

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

<b>Mechanical and Housing</b>	
Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear

Overall length	1,342 mm
Overall width	96 mm
Overall height	108 mm
Dimensions (Height x Width x Depth)	108 x 96 x 1342 mm

<b>Approval and Application</b>	
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

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

<b>Over Time Performance (IEC Compliant)</b>	
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

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

<b>Product Data</b>	
Order product name	WT470C LED42S/840 PSD WB TW1 L1300
Full product name	WT470C LED42S/840 PSD WB TW1 L1300
Full product code	871869637950900
Order code	910925863828
Material Nr. (12NC)	910925863828
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696379509
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696379509

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### Dimensional drawing

