



Pacific LED gen4

WT470X LED80S/840 WB ACW TW1 L1600

PACIFIC LED GREEN PARKING, 840 neutral white, 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		Value ladder	Specification
Light source replaceable	Yes	CE mark	Yes
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on easily flammable surfaces
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.	ENEC mark	ENEC mark
Product family code	WT470X [PACIFIC LED GREEN PARKING]	Glow-wire test	Temperature 850 °C, duration 5 s
Lighting Technology	LED	EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	7,992 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	138 lm/W

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Color rendering index (CRI)	>80
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

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	58.5 W
Power Factor (Fraction)	0.97
Connection	Screw connection with pug and socket
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	–25 to +45 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	1,642 mm
Overall width	96 mm
Overall height	108 mm
Dimensions (Height x Width x Depth)	108 x 96 x 1642 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

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	L80
Lumen maintenance at median useful life* 100000 h	L70

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name	WT470X LED80S/840 WB ACW TW1 L1600
Full product name	WT470X LED80S/840 WB ACW TW1 L1600
Full product code	871869638039000
Order code	910925863918
Material Nr. (12NC)	910925863918
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696380390
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696380390

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Dimensional drawing

