



# Pacific LED gen4

## WT470X LED35S/840 VWB ACWH TC5 L1600

PACIFIC LED GREEN PARKING, 840 neutral white, Very wide beam, Screw connection with plug 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 colour 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 optimised lighting scheme for a wide range of applications. For industrial applications, PacificLED gen4 offers an open product architecture with tool-less 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 that could affect the primary production process.

### Product data

General Information		Lighting Technology	
Light source replaceable	Yes	Value ladder	Specification
Number of gear units	Unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	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
Product family code		Light Technical	
WT470X [PACIFIC LED GREEN PARKING]		Luminous Flux	3,500 lm
		Correlated Colour Temperature	4000 K

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Luminous efficacy (rated) (nom.)	140 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	120° x 120°
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	25 W
Power Factor (Fraction)	0.96
Connection	Screw connection with plug 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/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	1,621 mm
Overall width	96 mm
Overall height	108 mm
Dimensions (height x width x depth)	108 x 96 x 1621 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 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L80
Lumen maintenance at median useful life* 100,000 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 LED35S/840 VWB ACWH TC5 L1600
Full product name	WT470X LED35S/840 VWB ACWH TC5 L1600
Full EOC	871869638027700
Order code	38027700
Material no. (12 NC)	910925863906
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696380277
Numerator – packs per outer box	1
EAN/UPC - Case	8718696380277

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### Dimensional drawing

