



# Pacific LED gen4

## WT480X LED64S/840 VWB ACW TW3 L1600

Pacific LED Circular Economy Green, 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		Product family code	WT480X [Pacific LED Circular Economy Green]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	Unit	Value ladder	Specification
Driver included	Yes	CE mark	Yes
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.	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	6,400 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	136 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)	25

<b>Operating and Electrical</b>	
Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Inrush current	4.5 A
Inrush time	1 ms
Power Consumption	47 W
Power Factor (Fraction)	0.98
Connection	Screw connection with plug and socket
Cable	–
Number of products on MCB of 16 A type B	18

<b>Temperature</b>	
Ambient temperature range	–30 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/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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

<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 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L70

<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	WT480X LED64S/840 VWB ACW TW3 L1600
Full product name	WT480X LED64S/840 VWB ACW TW3 L1600
Full EOC	871869638052900
Order code	38052900
Material no. (12 NC)	910925863931
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696380529
Numerator – packs per outer box	1
EAN/UPC - Case	8718696380529

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### Dimensional drawing

