# **PHILIPS** Lighting



# Pacific LED gen4

# WT470X LED35S/840 WB ACW TW1 L1600

PACIFIC LED GREEN PARKING, 840 neutral white, 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
Light source replaceable	Yes	Value lad
Number of gear units	Unit	CE mark
Driver included	Yes	Warranty
Remarks	*- According to the Lighting Europe guidance	Flammak
	paper 'Evaluating performance of LED based	ENEC ma
	luminaires – January 2018': statistically there	Glow-wi
	is no relevant difference in lumen	EU RoHS
	maintenance between the B50 and, for	
	example, the B10. Therefore, the median	Light Te
	useful life (B50) value also represents the	Luminou
	B10 value.	Correlate
Product family code	WT470X [PACIFIC LED GREEN PARKING]	

Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
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	iant Yes	
Light Technical		
Luminous Flux	3,500 lm	
Correlated Colour Temperature	4000 K	

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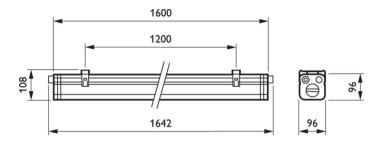
Luminous efficacy (rated) (nom.)	140 lm/W	Overall height
Colour rendering index (CRI)	>80	Dimensions (height x width x depth)
Beam angle of light source	120 degree(s)	
Light source colour	840 neutral white	Approval and Application
Optic type	Wide beam	Ingress protection code
Luminaire light beam spread	110° × 110°	Mech. impact protection code
Unified Glare Rating (CEN)	19	Sustainability rating
		Protection class IEC
Operating and Electrical		
Input Voltage	220-240 V	Initial Performance (IEC Compl
Line Frequency	50 to 60 Hz	Luminous flux tolerance
Inrush current	21 A	Initial chromaticity
Inrush time	0.28 ms	Power consumption tolerance
Power Consumption	25 W	
Power Factor (Fraction)	0.96	Over Time Performance (IEC Co
Connection	Screw connection with plug and socket	Control gear failure rate at median u
Cable	-	life 50,000 h
Number of products on MCB of 16 A type	24	Control gear failure rate at median u
В		life 100,000 h
		Lumen maintenance at median usef
Temperature		 life* 50,000 h
Ambient temperature range	-25 to +45 °C	
		Application Conditions
Controls and Dimming		Performance ambient temperature 1
Dimmable	Yes	Maximum dim level
Driver/power unit/transformer	Power supply unit with DALI interface	Suitable for random switching
Control interface	DALI	
Constant light output	No	Product Data
		Order product name
Mechanical and Housing		Full product name
Housing material	Polycarbonate	Full EOC
- Reflector material	-	Order code
Optic material	Polycarbonate	Material no. (12 NC)
Optical cover/lens material	Polycarbonate	SAP numerator – quantity per pack
Fixation material	Steel	EAN/UPC — Product/Case
Housing Colour	White	Numerator – packs per outer box
Optical cover/lens finish	Clear	EAN/UPC - Case
Overall length	1,642 mm	
Overall width	96 mm	_

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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	5 %	
life 50,000 h		
Control gear failure rate at median useful	10 %	
life 100,000 h		
Lumen maintenance at median useful	L80	
life* 50,000 h		
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 WB ACW TW1 L1600	
Full product name	WT470X LED355/840 WB ACW TW1 L1600	
Full EOC	871869638030700	
Order code	38030700	
Material no. (12 NC)	910925863909	
SAP numerator – quantity per pack	1	
EAN/UPC - Product/Case	8718696380307	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696380307	

108 mm

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#### Dimensional drawing





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