PHILIPS Lighting



Pacific LED gen4

WT470X LED35S/840 VWB ACW 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	
Light source replaceable	Yes
Number of gear units	Unit
Driver included	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.
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	Yes
Light Technical	
Luminous Flux	3,500 lm
Correlated Colour Temperature	4000 K

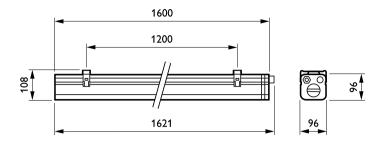
Pacific LED gen4

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	24
В	
Temperature	
Ambient temperature range	-25 to +45 ℃
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		
	IREE IDuct population protocted int proof	
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 life*	L80	
50,000 h		
Lumen maintenance at median useful life*	L70	
100,000 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 VWB ACW TC5 L1600	
Full product name	WT470X LED35S/840 VWB ACW TC5 L1600	
Full EOC	871869638026000	
Order code	38026000	
Material no. (12 NC)	910925863905	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696380260	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696380260	
	0,1005050200	

Pacific LED gen4

Dimensional drawing





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