PHILIPS Lighting



Pacific LED gen4

WT470X LED35S/840 VWB ACWH TW3 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

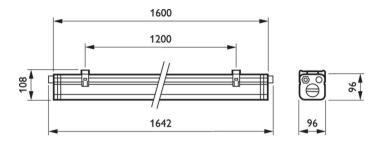
Pacific LED gen4

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 °C	
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	1,642 mm	
Overall width	96 mm	
Overall height	108 mm	

Dimensions (height x width x depth) 108 x 96 x 1642 mm Approval and Application 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) Initial chromaticity Luminous flux tolerance +/-7% Initial chromaticity (0.38, 0.38) SDCM <3 Power consumption tolerance +/-11% Over Time Performance (IEC Compliant) Integration (IEC Compliant) Control gear failure rate at median useful 5 % life 50,000 h 5 % Control gear failure rate at median useful 5 % life 100,000 h Iumen maintenance at median useful life* Lumen maintenance at median useful life* L80 50,000 h Image: Second Se	pproval and Application gress protection code IP66 ech. impact protection code IK08 istainability rating Lighti rotection class IEC Safet itial Performance (IEC Compliant) iminous flux tolerance +/-7% itial chromaticity (0.38 ower consumption tolerance +/-11% ver Time Performance (IEC Compliant)	Dust penetration-protected, jet-proof] 5 J vandal-protected] ng for circularity / class I 0.38) SDCM <3
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Pacific LED gen4

Dimensional drawing





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