PHILIPS Lighting



Pacific LED gen4

WT470X LED35S/840 VWB ACWH TW1 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	

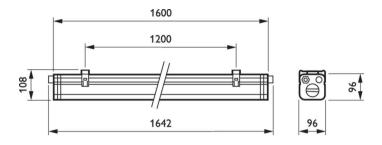
Pacific LED gen4

Luminous efficacy (rated) (nom.)	140 lm/W	Dimensions (heigh
Colour rendering index (CRI)	>80	
Beam angle of light source	120 degree(s)	Approval and A
Light source colour	840 neutral white	Ingress protection
Optic type	Very wide beam	Mech. impact prot
Luminaire light beam spread	120° x 120°	Sustainability ratir
Unified Glare Rating (CEN)	22	Protection class IE
Operating and Electrical		Initial Performa
Input Voltage	220-240 V	Luminous flux tole
Line Frequency	50 to 60 Hz	Initial chromaticity
Inrush current	21 A	Power consumptio
Inrush time	0.28 ms	
Power Consumption	25 W	Over Time Perfo
Power Factor (Fraction)	0.96	Control gear failur
Connection	Screw connection with plug and socket	life 50,000 h
Cable	-	Control gear failur
Number of products on MCB of 16 A type	24	life 100,000 h
В		Lumen maintenan
		life* 50,000 h
Temperature		
Ambient temperature range	-25 to +45 °C	Application Con
		Performance ambi
Controls and Dimming		Maximum dim leve
Dimmable	Yes	Suitable for rando
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	Product Data
Constant light output	No	Order product nam
Mechanical and Housing		Full product name
Housing material	Polycarbonate	_
Reflector material	-	Full EOC
Optic material	Polycarbonate	Order code
Optical cover/lens material	Polycarbonate	Material no. (12 NC
Fixation material	Steel	SAP numerator – o
Housing Colour	White	EAN/UPC - Produ
Optical cover/lens finish	Clear	Numerator – packs
Overall length	1,642 mm	EAN/UPC - Case
Overall width	96 mm	
Overall height	108 mm	_
		—

Dimensions (height x width x depth)	108 x 96 x 1642 mm
Dimensions (neight x width x depth)	100 x 30 x 1042 11111
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 Comple	iant)
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 VWB ACWH TW1
	L1600
Full product name	WT470X LED35S/840 VWB ACWH TW1
	L1600
Full EOC	871869638040600
Order code	38040600
Material no. (12 NC)	910925863919
SAP numerator – quantity per pack	1
EAN/UPC - Product/Case	8718696380406
Numerator – packs per outer box	1
EAN/UPC - Case	8718696380406

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Dimensional drawing





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