PHILIPS Lighting



Pacific LED gen4

WT470C LED64S/865 PSD VWB L1600

PACIFIC LED WATERPROOF, 865 cool daylight, Power supply unit with DALI interface, 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			useful life (B50) value also represents the
Light source replaceable	Yes		B10 value.
Number of gear units	Unit	Product family code	WT470C [PACIFIC LED WATERPROOF]
Driver included	Yes	Lighting Technology	LED
Remarks	*- According to the Lighting Europe	Value ladder	Specification
	guidance paper 'Evaluating performance of	CE mark	Yes
	LED based luminaires – January 2018':	Warranty period	5 years
	statistically there is no relevant difference in	Flammability mark	For mounting on easily flammable surfaces
	lumen maintenance between the B50 and,	ENEC mark	ENEC mark
	for example, the B10. Therefore, the median	Glow-wire test	Temperature 850 °C, duration 5 s

Pacific LED gen4

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	6,400 lm
Correlated Colour Temperature	6500 K
Luminous efficacy (rated) (nom.)	138 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Beam angle of light source	120 degree(s)
Light source colour	865 cool daylight
Optic type	Very wide beam
Luminaire light beam spread	120° x 120°
Unified Glare Rating (CEN)	25

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	46.5 W
Power Factor (Fraction)	0.98
Connection	Screw connection with plug and socket
Cable	-
Number of products on MCB of 16 A type	24
В	

Temperature

Ambient temperature range

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-25 to +45 °C

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		
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* L90 50,000 h

Application Conditions

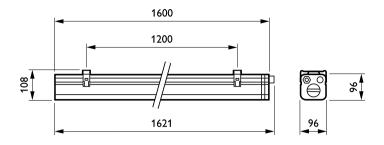
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name WT470C LED64S/865 PSD VWB L1600 Full product name WT470C LED64S/865 PSD VWB L1600 Full EOC 871869637991200 Order code 37991200 Material no. (12 NC) 910925863869 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718696379912 Numerator – packs per outer box 1 EAN/UPC - Case 8718696379912		
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Dimensional drawing





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