

PHILIPS**Lighting**

PacificLED gen4

WT470C LED80S/840 PSD VWB L1600

PACIFIC LED WATERPROOF - 840 neutral white - Power supply unit with DALI interface - Very wide beam - Screw connection with pug 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 color 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 optimized lighting scheme for a wide range of applications. For industrial applications, PacificLED gen4 offers an open product architecture with toolless 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 which could affect the primary production process.

Product data

General Information

Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	Very wide beam
Luminaire light beam spread	120° x 120°
Control interface	DALI
Connection	Screw connection with pug and socket

Cable

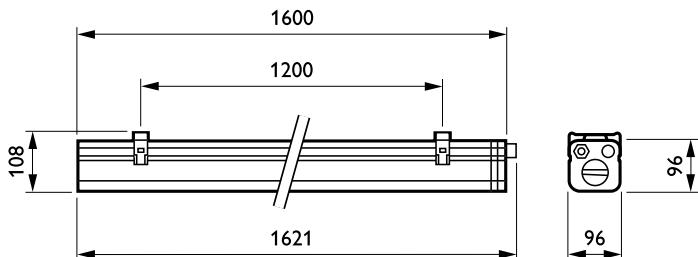
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark

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Product family code	WT470C [PACIFIC LED WATERPROOF]	Initial LED luminaire efficacy	136 lm/W
Operating and Electrical		Init. Corr. Color Temperature	4000 K
Input Voltage	220-240 V	Init. Color Rendering Index	>80
Input Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <3
Inrush current	21 A	Initial input power	58 W
Inrush time	0.28 ms	Power consumption tolerance	+/-11%
Power Factor (Min)	0.97		
Controls and Dimming			
Dimmable	Yes	Over Time Performance (IEC Compliant)	
		Driver failure rate at 5000 h	0.5 %
Mechanical and Housing		Median useful life L70B50	70000 h
Housing Material	Polycarbonate	Median useful life L80B50	50000 h
Reflector material	-	Median useful life L90B50	25000 h
Optic material	Polycarbonate		
Optical cover/lens material	Polycarbonate		
Fixation material	Steel	Application Conditions	
Optical cover/lens finish	Clear	Ambient temperature range	-25 to +45 °C
Overall length	1621 mm	Maximum dim level	1%
Overall width	96 mm	Suitable for random switching	Not applicable
Overall height	108 mm		
Approval and Application		Product Data	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	Full product code	871869637999800
Mech. Impact protection code	IK08 [5 J vandal-protected]	Order product name	WT470C LED80S/840 PSD VWB L1600
Initial Performance (IEC Compliant)		EAN/UPC - Product	8718696379998
Initial luminous flux (system flux)	7912 lm	Order code	910925863877
Luminous flux tolerance	+/-7%	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	1
		Material Nr. (12NC)	910925863877
		Net Weight (Piece)	3.150 kg



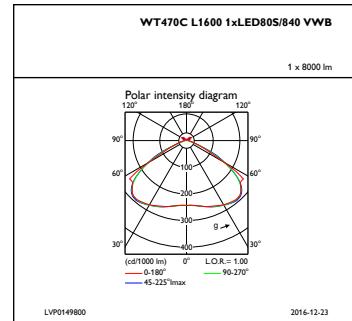
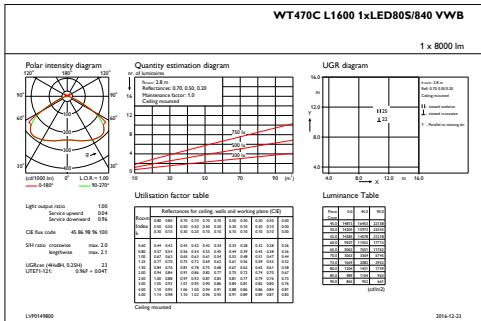
Dimensional drawing



Pacific LED WT470C-WT482C

PacificLED gen4

Photometric data



IFGU1_WT470CL16001xLED80S840VWB

IFPC1_WT470CL16001xLED80S840VWB

