

PHILIPS**Lighting**

PacificLED gen4

WT471C LED64S/840 PSD NB L1600

PACIFIC LED WATERPROOF - 840 neutral white - Power supply unit with DALI interface - Narrow 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	Narrow beam
Luminaire light beam spread	50° x 60°
Control interface	DALI
Connection	Screw connection with pug and socket

Cable

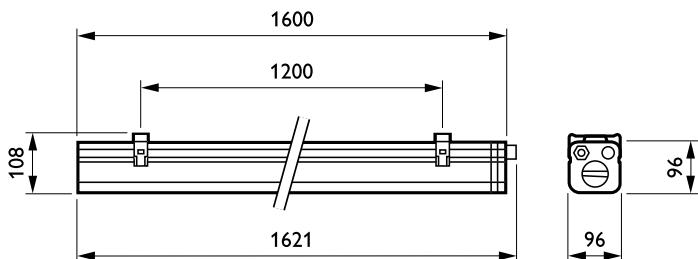
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark

PacificLED gen4

Product family code	WT471C [PACIFIC LED WATERPROOF]	Initial LED luminaire efficacy	142 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	46.6 W
Inrush time	0.28 ms	Power consumption tolerance	+/-11%
Power Factor (Min)	0.98		
Controls and Dimming			
Dimmable	Yes	Over Time Performance (IEC Compliant)	
Mechanical and Housing		Driver failure rate at 5000 h	0.5 %
Housing Material	Polycarbonate	Median useful life L70B50	70000 h
Reflector material	-	Median useful life L80B50	50000 h
Optic material	Polycarbonate	Median useful life L90B50	25000 h
Optical cover/lens material	Polycarbonate		
Fixation material	Steel		
Optical cover/lens finish	Clear		
Overall length	1621 mm	Application Conditions	
Overall width	96 mm	Ambient temperature range	-25 to +45 °C
Overall height	108 mm	Maximum dim level	1%
Approval and Application		Suitable for random switching	Not applicable
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]		
Mech. impact protection code	IK08 [5 J vandal-protected]	Product Data	
Initial Performance (IEC Compliant)		Full product code	871869638010900
Initial luminous flux (system flux)	6618 lm	Order product name	WT471C LED64S/840 PSD NB L1600
Luminous flux tolerance	+/-7%	EAN/UPC - Product	8718696380109
		Order code	910925863888
		Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	1
		Material Nr. (12NC)	910925863888
		Net Weight (Piece)	3.150 kg



Dimensional drawing



Pacific LED WT470C-WT482C

