PHILIPS

Lighting



PacificLED gen4

WT470C LED42S/840 PSU WB TC L1300

PACIFIC LED WATERPROOF - 840 neutral white - Power supply unit - 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
Driver included	Yes
Optic type	Wide beam
Luminaire light beam spread	110° x 110°
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	32
RoHS mark	RoHS mark
Product family code	WT470C [PACIFIC LED WATERPROOF]

Operating and Electrical	
Input Voltage	220-240 V

PacificLED gen4

Input Frequency	50 to 60 Hz
Inrush current	15.1 A
Inrush time	0.23 ms
Power Factor (Min)	0.98

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1321 mm
Overall width	96 mm
Overall height	108 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4293 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	30.5 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions

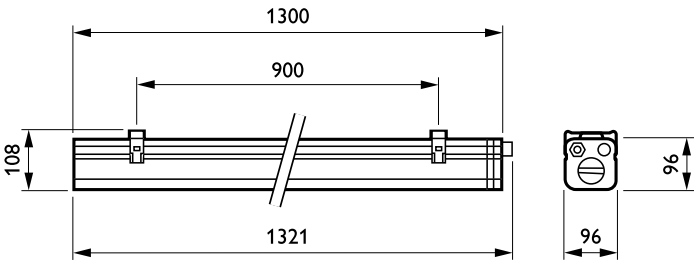
Ambient temperature range	-25 to +45 °C
Suitable for random switching	Not applicable

Product Data

Full product code	871869637947900
Order product name	WT470C LED42S/840 PSU WB TC L1300
EAN/UPC - Product	8718696379479
Order code	910925863825
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863825
Net Weight (Piece)	2.810 kg



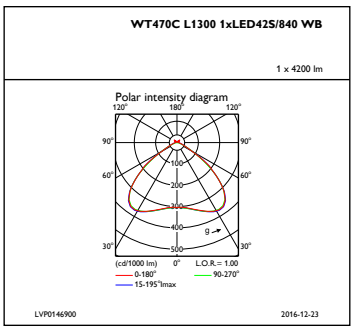
Dimensional drawing



Pacific LED WT470C-WT482C

PacificLED gen4

Photometric data



IFPC1_WT470CL13001xLED42S840WB

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