

PacificLED gen4

WT470C LED42S/840 PSD VWB L1300

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

PacificLED gen4

Product family code	WT470C [PACIFIC LED WATERPROOF]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.28 ms
Power Factor (Min)	0.98

Controls and Dimming

Dimmable	Yes

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)	4250 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	139 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticy	(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

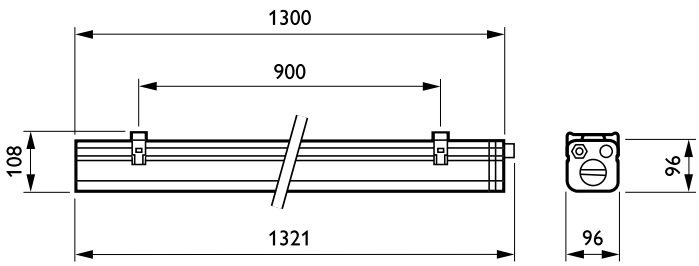
Ambient temperature range	-25 to +45 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	871869637951600
Order product name	WT470C LED42S/840 PSD VWB L1300
EAN/UPC - Product	8718696379516
Order code	910925863829
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863829
Net Weight (Piece)	2.610 kg



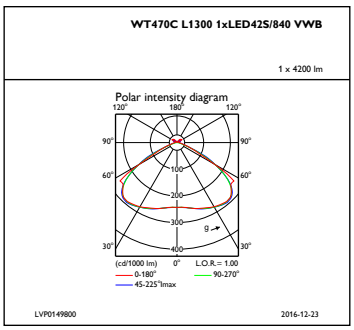
Dimensional drawing



Pacific LED WT470C-WT482C

PacificLED gen4

Photometric data



IFPC1_WT470CL13001xLED42S840VWB

© 2017 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.