

PacificLED gen4

WT471C LED80S/840 PSD WB TW1 L1600

PACIFIC LED WATERPROOF - 840 neutral white - Power supply unit with DALI interface - 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 colour	840 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	WB [Wide beam]
Luminaire light beam spread	110° x 110°
Control interface	DALI
Connection	SI-PS [Screw connection with pug and socket]

Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	D [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	24
RoHS mark	RoHS mark

PacificLED gen4

Product Family Code	WT471C [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.)	0.97

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	1642 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	7992 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	138 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	58 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions

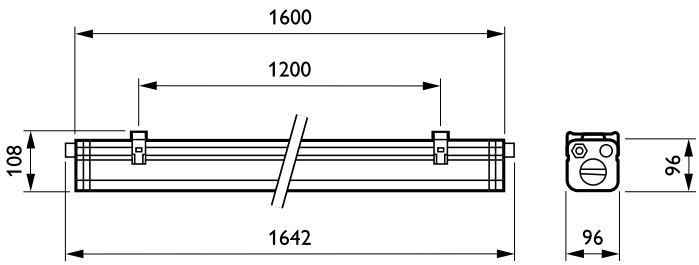
Ambient temperature range	-25 to +45 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	871869638014700
Order product name	WT471C LED80S/840 PSD WB TW1 L1600
EAN/UPC – product	8718696380147
Order code	38014700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925863892
Net weight (piece)	3.300 kg



Dimensional drawing



Pacific LED WT470C-WT482C



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2017, May 19 - data subject to change