



Pacific LED gen4

WT471C LED64S/840 PSD-CLO WB TW3 L1600

Pacific LED Chemical resistant, 840 neutral white, Power supply unit with DALI interface and constant light output, Wide beam, Screw connection with plug 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 colour 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 optimised lighting scheme for a wide range of applications. For industrial applications, PacificLED gen4 offers an open product architecture with tool-less 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 that could affect the primary production process.

Product data

General Information		
Light source replaceable	Yes	
Number of gear units	Unit	
Driver included	Yes	
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median	useful life (B50) value also represents the B10 value.
		Product family code WT471C [Pacific LED Chemical resistant]
		Lighting Technology LED
		Value ladder Specification
		CE mark Yes
		Warranty period 5 years
		Flammability mark For mounting on easily flammable surfaces
		ENEC mark ENEC mark
		Glow-wire test Temperature 850 °C, duration 5 s

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EU RoHS compliant	Yes
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Light Technical

Luminous Flux	6,500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	140 lm/W
Colour rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	110° x 110°
Unified Glare Rating (CEN)	22

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	37.28 W
Average CLO power consumption	41.94 W
Inrush current	21 A
Inrush time	0.28 ms
Power Consumption	46.5 W
Power Factor (Fraction)	0.98
Connection	Screw connection with plug and socket
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-25 to +45 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Control interface	DALI
Constant light output	Yes

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel

Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,642 mm
Overall width	96 mm
Overall height	108 mm
Dimensions (height x width x depth)	108 x 96 x 1642 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L90

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Product Data

Order product name	WT471C LED64S/840 PSD-CLO WB TW3 L1600
Full product name	WT471C LED64S/840 PSD-CLO WB TW3 L1600
Full EOC	871869638012300
Order code	38012300
Material no. (12 NC)	910925863890
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696380123
Numerator – packs per outer box	1
EAN/UPC – Case	8718696380123

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Dimensional drawing

