# **PHILIPS** Lighting



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

## Pacific LED gen4

EU RoHS compliant	Yes
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
	0.4
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Beam angle of light source	120 degree(s) 840 neutral white
Light source colour	-
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	24
В	
Temperature	
Ambient temperature range	-25 to +45 ℃

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 Compli	ant)
Control gear failure rate at median useful	5 %

life 50,000 h Control gear failure rate at median useful 10 %

life 100,000 h Lumen maintenance at median useful life\* L90

50,000 h

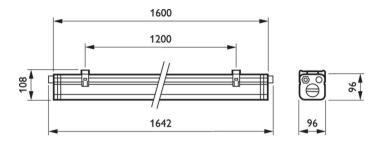
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable

#### Product Data

Floduct 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





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