



Pacific LED gen4

WT470C LED42S/840 PSD WB TC5 L1300

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	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.

Product family code	WT470C [PACIFIC LED WATERPROOF]	
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	
EU RoHS compliant	Yes	

Datasheet, 2023, December 5 data subject to change

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Light Technical		Overall length
Luminous Flux	4,300 lm	Overall width
Correlated Color Temperature (Nom)	4000 K	Overall height
Luminous Efficacy (rated) (Nom)	141 lm/W	Dimensions (Height x
Color rendering index (CRI)	>80	
Flickering value (PstLM)	1	Approval and Appl
Stroboscopic effect value (SVM)	0.4	Ingress protection cod
Beam angle of light source	120 degree(s)	Mech. impact protecti
Light source color	840 neutral white	Sustainability rating
Optic type	Wide beam	Protection class IEC
Luminaire light beam spread	110° x 110°	
Unified glare rating CEN	22	Initial Performance
		Luminous flux toleran
Operating and Electrical		Initial chromaticity
Input Voltage	220-240 V	Power consumption to
Line Frequency	50 to 60 Hz	_
Inrush current	21 A	Over Time Perform
Inrush time	0.28 ms	Control gear failure ra
Power Consumption	30.5 W	life 50000 h
Power Factor (Fraction)	0.98	Control gear failure ra
Connection	Screw connection with pug and socket	life 100000 h
Cable	-	Lumen maintenance a
Number of products on MCB of 16 A type	24	50000 h
В		
		Application Condit
Temperature		Performance ambient
Ambient temperature range	-25 to +45 °C	Maximum dim level
		Suitable for random s
Controls and Dimming		_
Dimmable	Yes	Product Data
Driver/power unit/transformer	Power supply unit with DALI interface	Order product name
Control interface	DALI	Full product name
Constant light output	No	Full product code
		Order code
Mechanical and Housing		Material Nr. (12NC)
Housing Material	Polycarbonate	Numerator - Quantity
Reflector material	-	EAN/UPC - Product/C
Optic material	Polycarbonate	Numerator - Packs pe
Optical cover material	Polycarbonate	EAN/UPC - Case
Fixation material	Steel	_
Housing Color	White	_

Overall length	1,321 mm
Overall width	96 mm
Overall height	108 mm
Dimensions (Height x Width x Depth)	108 x 96 x 1321 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 Complia	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	WT470C LED42S/840 PSD WB TC5 L1300
Full product name	WT470C LED42S/840 PSD WB TC5 L1300
Full product code	871869637952300
Order code	910925863830
Material Nr. (12NC)	910925863830
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696379523
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696379523

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Dimensional drawing



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