Pacific LED WT460C

WT460C LED42S/840 PSD O L1300

Pacific LED, LED module, system flux 4200 lm, 840 neutral white, Power supply unit with DALI interface, Opal

The Pacific LED IP66 Waterproof is the efficiency champion to replace 1:1 fluorescent waterproof luminaires up to 2 x 80 W, saving up to 60 % on energy costs. The luminaire and its components like LEDs, drivers and optics are designed for a broad range of applications such as freeze cells, parking garages (typically low ceilings) or warehouses (high ceilings) and it is an ideal solution for food industries because it does not contain glass and easy to clean. For aggressive environments, the luminaire can be coated to become chemically resistant. To maximize energy savings, the luminaire can be equipped with a DALI driver or with integrated wireless controls (GreenParking). Next to that, all applications benefit from an extremely long lifetime up to 70,000 hrs. The luminaire is easy to install, thanks to the smart end-caps, providing diverse electrical connections like through-wiring or through connection.

Product data

General Information

Lamp family code	LED42S [LED module, system flux 4200 lm]
Light source replaceable	No
Driver included	Yes
Feed-through wiring	–
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	WT460C [Pacific LED]
Lighting Technology	LED
Glow-wire test	Temperature 850 °C, duration 5 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark

Light Technical

Luminous Flux	4,200 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	135 lm/W

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Number of light sources	4		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Light source color	840 neutral white		**Protection class IEC**	Safety class I
Optic type	–			
Optical cover type	Opal		**Initial Performance (IEC Compliant)**	
Unified glare rating CEN	Not applicable		**Initial chromaticity**	(0.38, 0.38) SDCM <3

Operating and Electrical			**Application Conditions**	
Input Voltage	220 to 240 V		**Performance ambient temperature Tq**	25 ℃
Line Frequency	50 to 60 Hz		**Suitable for random switching**	Yes
Power Consumption	31 W			
Connection	–		**Product Data**	

Temperature			**Order product name**	WT460C LED42S/840 PSD O L1300
Ambient temperature range	–20 to +45 ℃		**Full product name**	WT460C LED42S/840 PSD O L1300
			Full product code	871869630092300
Controls and Dimming			**Order code**	910925335853
Dimmable	Yes		**Material Nr. (12NC)**	910925335853
Driver/power unit/transformer	Power supply unit with DALI interface		**Numerator – Quantity Per Pack**	1
			EAN/UPC – Product/Case	8718696300923
Mechanical and Housing			**Numerator – Packs per outer box**	1
Housing Material	Polycarbonate		**EAN/UPC – Case**	8718696300923
Optical cover material	Polycarbonate			

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Dimensional drawing
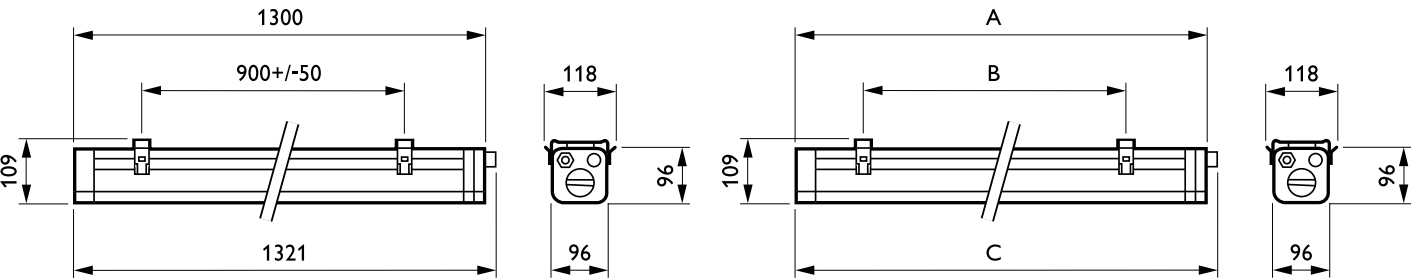
Product	A	B	B	B	C
WT460C LED42S/840 PSD O L1300	1,300 mm	850 mm	900 mm	950 mm	1,321 mm

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2023, September 4 – data subject to change