



Pacific LED gen4

WT470X LED35S/840 WB ACWH TW1 L1600

PACIFIC LED GREEN PARKING, 840 neutral white, 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	WT470X [PACIFIC LED GREEN PARKING]

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	
Light Technical		
Luminous Flux	3,600 lm	
Correlated Colour Temperature	4000 K	

Datasheet, 2023, December 5 data subject to change

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Luminous efficacy (raked) (row) 144 to IV/V 145 to 1				
Beam angle of light source 120 degree(s) Approval and Application Ingress protection code In66 [Dust penetration-protected], et-prooff Opticitype Wide beam Mech. impact protection code In66 [Dust penetration-protected], et-prooff Opticitype Wide beam Mech. impact protection code In66 [Dust penetration-protected] Unified Clare Rating (CEN) 19 Protection class IEC Safety class Including Control Clare Rating (CEN) Protection class IEC Safety class Including Control Clare Rating (CEN) Including Control Clare Rating CEN) Including Control Clare Rating CEN) Including Control Clare Rating CEN) CEN) Control Clare Rating CEN) CEN) Control Clare Rating CEN)	Luminous efficacy (rated) (nom.)	144 lm/W	Dimensions (height x width x depth)	108 x 96 x 1642 mm
Light source colour				
Mach. impact protection code McG8 5 J vandal-protected Mach. impact protection code McG8 5 J vandal-protected Mc				
Luminaire light beam spread 110" x 110" 110"			_ 	
Protection class IEC Safety class Protection	Optic type	Wide beam	Mech. impact protection code	IK08 [5 J vandal-protected]
Operating and Electrical Input Voltage 200-240 V	Luminaire light beam spread	110° x 110°	Sustainability rating	Lighting for circularity
Input Voltage	Unified Glare Rating (CEN)	19	Protection class IEC	Safety class I
Line Frequency 50 to 60 Hz Initial chromaticity (0.38, 0.38) SDCM <3 Inrush current 21 A Power consumption tolerance +/-11% Inrush time 0.28 ms Power Consumption 25 W Over Time Performance (IEC Comptlant) Power Factor (Fraction) 0.96 Connection Screw connection with plug and socket Itife 50,000 h Cable - Control gear failure rate at median useful 5% Itife 50,000 h Itime 100,000 h Itime 100,000 h Itime 100,000 h Itime maintenance at median useful Itife LB0 So,000 h Lumen maintenance at median useful Itife LB0 So,000 h Lumen maintenance at median useful Itife LB0 So,000 h Controls and Dimming Dimmable Yes Performance ambient temperature Tq 25 °C Control line face DALI Suitable for random switching Not applicable Control Interface DALI Suitable for random switching Not applicable Mechanical and Housing Housing material Polycarbonate Product Data Order product name WT470X LED35S/840 WB ACWH TWI L1600 Potter code 38042000 Optical cover/lens material Polycarbonate Fixation material Steel Housing Colour White Clear Overall width 96 mm	Operating and Electrical		Initial Performance (IEC Compliant)	
Inrush current 21 A Power Consumption tolerance +/-11% Prover Factor (Fraction) 0.96 Connection Screw connection with plug and socket Control gear failure rate at median useful 5% Iffe 50,000 h Control gear failure rate at median useful 10% Iffe 100,000 h Iffe 100,0	Input Voltage	220-240 V	Luminous flux tolerance	+/-7%
Inrush time 0.28 ms Power Consumption 25 W Over Time Performance (IEC Comptiant) Connection 5crew connection with plug and socket life 50,000 h Control gear failure rate at median useful 5% life 50,000 h Control gear failure rate at median useful 10% life 50,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L80 50,000 h Control gear failure rate at median useful life* L80 50,000 h Lumen maintenance at median useful life* L80 50,000 h Control sand Dimming Dimmable Yes Prover/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing material Polycarbonate Reflector material Polycarbonate Poltical cover/lens material Polycarbonate Product Data Optic naterial Polycarbonate Pixation material Steel Housing Colour White Coptical cover/lens finish Clear Optical loover/lens finish Clear Nowerall length 1,642 mm Dimmable Screw connection with plug and socket Control gear failure rate at median useful 10% Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median useful life* L80 Sopoon b Lumen maintenance at median u	Line Frequency	50 to 60 Hz	Initial chromaticity	(0.38, 0.38) SDCM <3
Power Consumption 25 W Over Time Performance (IEC Compliant) Power Factor (Fraction) 0.96 Connection Screw connection with plug and socket life \$5,000 h Number of products on MCB of 16 A type B Control gear failure rate at median useful 10 % Life 100,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Control gear failure rate at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 100,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1½	Inrush current	21 A	Power consumption tolerance	+/-11%
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Connection Screw connection with plug and socket Cable - Control gear failure rate at median useful. 10 % Itife 100,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 Lumen maintenance at median useful life* L70 Ambient temperature range -25 to +45 °C Controls and Dimming Dimmable Yes Control interface DALI Constant light output No Mechanical and Housing Housing material Polycarbonate Reflector material Polycarbonate Reflector material Steel Optical cover/lens material Steel Control cover/lens material Steel Optical cover/lens finish Colear Optical cover/lens finish Clear Overall length vidth M 1,642 mm Description of 16 A type 1 to 10 % Londrol gear failure rate at median useful life* L80 Lumen maintenance at median useful life* L70 Application Conditions Performance at median useful life* L70 Maximum dim level 1% Suitable for random switching Not applicable Product Data Order product name WT470x LED35s/840 WB ACWH TWI L1600 Full product name WT470x LED35s/840 WB ACWH TWI L1600 Full EOC 871869638042000 Order code 38042000 Material no. (12 NC) 910925863921 EAN/UPC - Case 8718696380420 Numerator - packs per outer box 1 EAN/UPC - Case 8718696380420	Power Consumption	25 W	Over Time Performance (IEC Compli	ant)
Cable - Control gear failure rate at median useful 10 % life 100,000 h Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Controls and Dimming Dimmable Yes Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable Constant light output No Product Data Mechanical and Housing Housing material Polycarbonate Fluit product name WT470X LED35S/840 WB ACWH TWI L1600 Fluit EOC 871869638042000 Optical cover/lens material Polycarbonate Fluit EOC 87186963804200 Optical cover/lens material Steel SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718696380420 Overall length 1,642 mm Control gear failure rate at median useful 10 % Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 Maximum dim level 1% Suitable To random switching Not applicable Product Data Order product name WT470X LED35S/840 WB ACWH TWI L1600 Full EOC 871869638042000 Order code 38042000 Order code 38042000 Order code 38042000 Order code 38042000 Ditical cover/lens finish Clear Numerator – quantity per pack 1 EAN/UPC – Product/Case 8718696380420 Overall length 1,642 mm EAN/UPC – Case 8718696380420	Power Factor (Fraction)	0.96	Control gear failure rate at median useful	5 %
Number of products on MCB of 16 A type 24 B Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 Ambient temperature range -25 to +45 °C 100,000 h Lumen maintenance at median useful life* L70 Ambient temperature range -25 to +45 °C 100,000 h Application Conditions Performance ambient temperature Tq 25 °C Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable Constant light output No Product Data Mechanical and Housing Housing material Polycarbonate Reflector material Polycarbonate Full product name WT470X LED35S/840 WB ACWH TWI L1600 Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable Order product Data Order product name WT470X LED35S/840 WB ACWH TWI L1600 Full EOC 871869638042000 Order code 38042000 Optical cover/lens material Steel Fixation material Steel Application Conditions Full product name WT470X LED35S/840 WB ACWH TWI L1600 Material no. (12 NC) 910925863921 SAP numerator – quantity per pack 1 1 Housing Colour White EAN/UPC – Product/Case 8718696380420 Overall length 1.642 mm Septimental EAN/UPC – Case 8718696380420 Full EOC 8718696380420	Connection	Screw connection with plug and socket	life 50,000 h	
Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 100,000 h Controls and Dimming Dimmable Yes Performance ambient temperature Tq 25 °C Driver/power unit/transformer Control interface DALI Constant light output No Product Data Mechanical and Housing Housing material Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Material no. (12 NC) SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718696380420 Dotted Loaver/lens finish Clear Overall length 1,642 mm Lumen maintenance at median useful life* L80 50,000 h Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable Suitable for random switching Not applicable Product Data Order product name WT470X LED35S/840 WB ACWH TWI L1600 871869638042000 MT470X LED35S/840 WB ACWH TWI L1600 871869638042000 Material no. (12 NC) 910925863921 SAP numerator – quantity per pack 1 EAN/UPC – Product/Case 8718696380420 Orderall length 1,642 mm Dimmable Lumen maintenance at median useful life* L70 100,000 h Lumen maintenance at median useful life* L70 100,000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Not applicable 1% Suitabl	Cable	-	Control gear failure rate at median useful	10 %
So,000 h Lumen maintenance at median useful life* L70 100,000 h	Number of products on MCB of 16 A type	24	life 100,000 h	
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Ambient temperature range -25 to +45 °C Controls and Dimming Dimmable Yes Performance ambient temperature Tq 25 °C Driver/power unit/transformer Power supply unit with DALI interface Maximum dim level 1% Control interface DALI Suitable for random switching Not applicable Constant light output No Product Data Mechanical and Housing Polycarbonate Full product name WT470X LED355/840 WB ACWH TWI L1600 Reflector material Polycarbonate Full EOC 871869638042000 Optic material Polycarbonate Polycarbonate Material no. (12 NC) 910925863921 Fixation material Steel SAP numerator – quantity per pack 1 Housing Colour White EAN/UPC – Product/Case 8718696380420 Optical cover/lens finish Clear Numerator – packs per outer box 1 EAN/UPC – Case 8718696380420 EAN/UPC – Case 8718696380420			50,000 h	
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Product Data				
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Optic materialPolycarbonateOrder code38042000Optical cover/lens materialPolycarbonateMaterial no. (12 NC)910925863921Fixation materialSteelSAP numerator – quantity per pack1Housing ColourWhiteEAN/UPC – Product/Case8718696380420Optical cover/lens finishClearNumerator – packs per outer box1Overall length1,642 mmEAN/UPC - Case8718696380420Overall width96 mm	Housing material	Polycarbonate	Full product name	WT470X LED35S/840 WB ACWH TW1 L1600
Optical cover/lens material Polycarbonate Material no. (12 NC) 910925863921 Fixation material Steel SAP numerator – quantity per pack 1 Housing Colour White EAN/UPC – Product/Case 8718696380420 Optical cover/lens finish Clear Numerator – packs per outer box 1 Overall length 1,642 mm EAN/UPC – Case 8718696380420 Overall width 96 mm	Reflector material	-	Full EOC	871869638042000
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Housing ColourWhiteEAN/UPC - Product/Case8718696380420Optical cover/lens finishClearNumerator - packs per outer box1Overall length1,642 mmEAN/UPC - Case8718696380420Overall width96 mm	Optical cover/lens material	Polycarbonate	Material no. (12 NC)	910925863921
Optical cover/lens finish Clear Numerator – packs per outer box 1 Overall length 1,642 mm EAN/UPC - Case 8718696380420 Overall width 96 mm	Fixation material	Steel	SAP numerator – quantity per pack	1
Overall length 1,642 mm EAN/UPC - Case 8718696380420 Overall width 96 mm	Housing Colour	White	EAN/UPC — Product/Case	8718696380420
Overall length 1,642 mm EAN/UPC - Case 8718696380420 Overall width 96 mm	Optical cover/lens finish	Clear	Numerator – packs per outer box	1
Overall width 96 mm	Overall length	1,642 mm	EAN/UPC - Case	8718696380420
Overall height 108 mm	Overall width	96 mm		
	Overall height	108 mm		

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Dimensional drawing



