



Pacific LED gen4

WT470C LED64S/840 PSU VWB ELP3 TC5 L1600

PACIFIC LED WATERPROOF, 840 neutral white, Power supply unit (On/Off), Very 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	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	

Datasheet, 2023, December 5 data subject to change

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Example Per				
Light Technical Contail technical Ober all telepht 00 mm Luminous Eliza 6,500 Im Dimensions (Reight x width x depth) 0.8 x 96 x 1621 rmm Contracted Colour Temperature 4000 K Feature of the contraction of the contractio	EU RoHS compliant	Yes	Overall length	1,621 mm
Luminous Flux 5500 lm Dimensions (height x width x depth) 108 x 96 x 1621 mm Correlated Colour Temperature 4000 K Temperature Colour randering indes (CRI) 450 m/V Approval and Application Colour randering indes (CRI) 850 Impress protection code IP68 [Dual perintation-protected, jet-proof Protection code Beam angle of light source 10 degree(q) Mech. impact protection code IP68 [Dual perintation-protected, jet-proof Protection code Opiet type 10 degree(q) Mech. impact protection code IP68 [Dual perintation-protected, jet-proof Protection code Opiet type 10 degree(q) Mech. impact protection code IP68 [Dual perintation-protected, jet-proof Protection code Opiet type 400 degree(q) Mech. impact protection code IP68 [Dual perintation protected, jet-proof Protection code Opiet type 400 degree(q) Mech. impact protection code IP68 [Dual perintation protected, jet-proof Protection code Opiet type 400 degree(q) Mech. impact protection code IP68 [Dual perintation code Opiet type 20 degree(q) Initial Performance (IEC Compilant) Mech. impact protection code IP78 [Dual code Opietat			Overall width	96 mm
Controlated Colour Temperature	Light Technical		Overall height	108 mm
Luminous efficacy (rated) (nom.) 129 In/W Approval and Application Ingress protection code IP66 [Dust penetration-protected, jet-proof IP66 [Dust penetration	Luminous Flux	6,500 lm	Dimensions (height x width x depth)	108 x 96 x 1621 mm
Colour rendering index (CRI) >880 Ingress protection code IPG6 [Dust penetration-protected, jet-proof Pickering value (Pst LM)] Income protection code IPG6 [Dust penetration-protected, jet-proof Pickering value (Pst LM)] Mech. impact protection code IPG6 [Dust penetration-protected] Income protection IPG6 [Dust penetration-protected] Income protection IPG6 [Dust penetration-protected] IPG6 [Dust penetration-protected] <th< td=""><td>Correlated Colour Temperature</td><td>4000 K</td><td></td><td></td></th<>	Correlated Colour Temperature	4000 K		
Filedering value (PstLM) 1 Mech. impact protection code IKOS [5] vaniedprotected] Strobosopic effect 0.70 degree(s) Substanability rating Lights per circularity Beam amagie of light source 120 degree(s) Protection class IEC Selev class I Upited source colour 400 neutral white Protection class IEC Selevic class ICC Upited Glare Rating (CEN) 250 × 120° Luminous flux tolerance √-7% Unified Glare Rating (CEN) 250 × 120° Initial chromaticity (0.38, 0.38) SSCM ~3 Uportating and Electrical 178 Control gear failure rate at median useful. If 8 √-71% United Glare Rating (CEN) 178 A Control gear failure rate at median useful. If 8 5 Upor Time Performance (IEC Compliant) 5 Control gear failure rate at median useful. If 8 5 Upor Time Performance (IEC Compliant) 5 Control gear failure rate at median useful. If 8 5 Power Cauch (Fraction) 0.58 Control gear failure rate at median useful. If 8 10 Consection 5 Substance (IEC Compliant) 10 Substance (Fraction) 0.59	Luminous efficacy (rated) (nom.)	129 lm/W	Approval and Application	
Stroboscopic effect 0.4 Suntainability rating Lighting for crudoriny Beam angle of light source 200 degree(s) Protect notass IEC Safety class I Upiffs source colour 840 neutral white Initial Performance (IEC Compliant) Opic type Very wide beam Initial Performance (IEC Compliant) Unified Glare Rating (EN) 5 Imministry and product of the programme (IEC Compliant) Upiffed Glare Rating (EN) 250 Unified Glare Rating (EN) 7-71% Upiffed Glare Rating (EN) 250 Over Time Performance (IEC Compliant) Upiffed Glare Rating (EN) 250 Over Time Performance (IEC Compliant) Upiffed Glare Rating (EN) 50 to 80 Hz Over Time Performance (IEC Compliant) Upiffed Glare Rating (EN) 50 to 80 Hz Over Time Performance (IEC Compliant) Upiffed Glare Rating (EN) 50 to 80 Hz Over Time Performance (IEC Compliant) Upiffed Glare Rating (EN) 50 to 80 Hz Over Time Performance (IEC Compliant) Up to Rating (EN) 50 to 80 Hz Over Time Performance (IEC Compliant) Up to Rating (EN) 50 to 80 Hz Up to 80 to 80 Hz Up to 80 to 80 H	Colour rendering index (CRI)	>80	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Beam angle of light source 120 degree(s) Protection class IEC Safety class I Light source colour 840 neutral white 1.00 months	Flickering value (PstLM)	1	Mech. impact protection code	IK08 [5 J vandal-protected]
Light source colour 840 neutral white Optic type Very wide beam Initial Performance (IEC Compliant) Luminaire light beam spread 120° x 120° Initial chromaticity (0.38, 0.38) SDCM -3 Unified Glare Rating (CEN) 25 Initial chromaticity (0.38, 0.38) SDCM -3 Operating and Electrical The Power consumption tolerance 1/-11% Input Voltage 20-240 V Over Time Performance (IEC Compliant) Line Frequency 50 to 60 Hz Control gear failure rate at median useful. 5% Invush current 178 A Iffe 50,000 h Iffe 50,000 h Invush tume 0.282 ms Control gear failure rate at median useful. 1% Control gear failure rate at median useful.<	Stroboscopic effect	0.4	Sustainability rating	Lighting for circularity
Optic type Very wide beam Initial Performance (IEC Compliant) Image: Property of the product of	Beam angle of light source	120 degree(s)	Protection class IEC	Safety class I
Luminaire light beam spread 20° x 120° Luminous flux tolerance 4/-7% Unified Glare Rating (CEN) 25 initial chromaticity (0.38. 0.38) SDCM ≺3 Operating and Electrical Fower consumption tolerance 4/-11% Input Voltage 220-240 V Control gear failure rate at median useful 5% Inrush time 0.50 to 60 Hz Control gear failure rate at median useful 5% Inrush time 0.528 ms Control gear failure rate at median useful 10% Power Consumption 50.50 Lumen maintenance at median useful 10% Connection 50.50 Lumen maintenance at median useful life* 1.09 Connection 50.90 Lumen maintenance at median useful life* 1.09 Connection 50.000 h Lumen maintenance at median useful life* 1.09 Connection 50.000 h Lumen maintenance at median useful life* 1.09 Connection 50.000 h Lumen maintenance at median useful life* 1.00 Connection 50.000 h Lumen maintenance at median useful life* 1.00 Connection	Light source colour	840 neutral white		
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Intrush time 0.282 ms Control gear failure rate at median useful life 100,000 h 0.98 Lime namintenance at median useful life 100,000 h 0.98 Lumen maintenance at median useful life 100,000 h 0.90 <	Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	5 %
Power Consumption 50.5 W life 100.000 h ————————————————————————————————————	Inrush current	17.8 A	life 50,000 h	
Power Factor (Fraction) 0.98 Lumen maintenance at median useful life*	Inrush time	0.282 ms	Control gear failure rate at median useful	10 %
50,000 h Cable - Number of products on MCB of 16 A type 24 Application Conditions B Performance ambient temperature Tq 25 °C Comperature Ambient temperature range 0 to +30 °C Product Data WT470C LED64S/840 PSU VWB ELP3 TCS Controls and Dimming Full product name WT470C LED64S/840 PSU VWB ELP3 TCS L1600 Dimable No Full product name WT470C LED64S/840 PSU VWB ELP3 TCS L1600 Constant light output Power supply unit (On/Off) Full EOC 871869637971400 Moderation ofter code 37971400 Mechanical and Housing Material no. (12 NC) 910925863849 910925863849 Housing material Polycarbonate SAP numerator – quantity per pack 87186963797140 Optic material Polycarbonate EAN/UPC – Product/Case 8718696379714 Optical cover/lens material Polycarbonate EAN/UPC – Case 8718696379714 Fixation material Steel	Power Consumption	50.5 W	life 100,000 h	
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Performance ambient temperature Tq 25 °C Suitable for random switching Not applicable Temperature Ambient temperature range 0 to +30 °C Product Data Order product name WT470C LED64S/840 PSU VWB ELP3 TCS Li600 Dimmable No Full product name WT470C LED64S/840 PSU VWB ELP3 TCS Driver/power unit/transformer Power supply unit (On/Off) Full EOC 871869637971400 Constant light output No Full EOC 37971400 Mechanical and Housing Material no. (12 NC) 910925863849 Housing material Pollycarbonate SAP numerator – quantity per pack 1 ERfector material Pollycarbonate Numerator – packs per outer box 1 Chylical cover/lens material Pollycarbonate EAN/UPC – Case 8718696379714 Fixation material Steel Housing Colour Witte	Cable	-		
Suitable for random switching Not applicable Temperature Ambient temperature range 0 to +30 °C Product Data Controls and Dimming Triver/power unit/transformer Power supply unit (On/Off) Info Constant light output No Mechanical and Housing Thousing Medical and Housing Medical and Housing Medical and Housing Medical and Housing Medical and Polycarbonate Polycarbonate Optic material Polycarbonate Optic material Polycarbonate Optical cover/lens material Setel Housing Colour Mile Suitable for random switching Not applicable Product Data Order poduct name W1470C LED645/840 PSU VWB ELP3 TCS L1600 W1470C LED645/840 PSU VWB ELP3 TCS L1600 Full EOC 871869637971400 Order code 37971400 SAP numerator - quantity per pack 1 EAN/UPC - Product/Case 8718696379714 Numerator - packs per outer box 1 EAN/UPC - Case 8718696379714 Steel Housing Colour Nitie EAN/UPC - Case 8718696379714 STEED STREET	Number of products on MCB of 16 A type	24	Application Conditions	
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Product Data Controls and Dimming Product name WT470C LED64S/840 PSU VWB ELP3 TCS Dimmable No Full product name WT470C LED64S/840 PSU VWB ELP3 TCS Driver/power unit/transformer Power supply unit (On/Off) Full EOC 871869637971400 Constant light output No Full EOC 971869637971400 Mechanical and Housing Material no. (12 NC) 910925863849 Housing material Polycarbonate EAN/UPC – Product/Case 8718696379714 Optical cover/lens material Polycarbonate Numerator – packs per outer box 1 Fustion material Polycarbonate EAN/UPC - Case 8718696379714 Housing Colour White			Suitable for random switching	Not applicable
Controls and Dimming Dimmable No Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing material Polycarbonate Polycarbonate Optic material Polycarbonate Polycarbonate Steel Housing Colour White	Temperature			
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Constant light output No Full EOC 871869637971400 Mechanical and Housing Material no. (12 NC) 910925863849 Housing material Polycarbonate SAP numerator – quantity per pack 1 Reflector material Polycarbonate EAN/UPC – Product/Case 8718696379714 Optica material Polycarbonate Numerator – packs per outer box 1 Coptical cover/lens material Polycarbonate EAN/UPC – Case 8718696379714 Fixation material Steel	Dimmable	No	Full product name	WT470C LED64S/840 PSU VWB ELP3 TC5
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Mechanical and Housing Housing material Polycarbonate Reflector material Polycarbonate Polycarbonate Numerator – quantity per pack Polycarbonate Numerator – packs per outer box Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Numerator – packs per outer box Polycarbonate Polycarbonate Polycarbonate Polycarbonate White	Constant light output	No	Full EOC	871869637971400
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Optic material Polycarbonate Numerator – packs per outer box 1 Optical cover/lens material Polycarbonate EAN/UPC - Case 8718696379714 Fixation material Steel Housing Colour White	Housing material	Polycarbonate	SAP numerator – quantity per pack	1
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Fixation material Steel Housing Colour White	Optic material	Polycarbonate	Numerator – packs per outer box	1
Housing Colour White	Optical cover/lens material	Polycarbonate	EAN/UPC - Case	8718696379714
	Fixation material	Steel		
Optical cover/lens finish Clear	Housing Colour	White		
	Optical cover/lens finish	Clear		

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Dimensional drawing



