



Excellent quality of light with high efficiency

Pacific LED gen4

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.

Benefits

- High-quality optics with a nice uniform light distribution without visible striping or color artefacts for improved visual guidance
- Wide variety of beam shapes for an optimized lighting scheme for a wide range of applications
- Hassle-free installation and maintenance, with toolless access to the gear tray and an end-cap with built-in connectors

Features

- Wide range of optics (narrow, wide, very-wide and opalized) and lumen packages with excellent glare control.
- Highly efficient performance, 140 lm/W
- IP66 – dust penetration-protected, jet-proof
- GreenParking system increases energy efficiency by automatic dimming
- Lifetime up to 100,000 hours at L70B50, ensuring a longer service life

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Application

- Industrial areas
- Warehouses/distribution centers
- Parking garages
- Cold storage facilities

Specifications

Type	WT470C (standard version)
Light source	Replaceable LED module
Beam angle	NB, WB, VWB, O
Luminous flux	2,300, 3,400, 4,200, 6,400, 8,000 (4,000 K CCT)
Correlated Colour	4,000 or 6,500 K
Temperature	
Colour Rendering Index	80
Lumen maintenance at median useful life* 50,000 h	L80
Control gear failure rate at median useful life 50,000 h	5%
XT range lumen maintenance at median useful life* 50,000 h	L70
XT range control gear failure rate at median useful life 50,000 h	10%

Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +45 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	DALI
Material	Tube: PC
Colour	Transparent
Optical cover	PC
Connection	Push-in connector (PI) or with pull relief (PIP)
Maintenance	Tool-less access for maintenance
Installation	Individual or in-line; clicking the luminaire into pre-screwed ceiling brackets or suspended mounting with chains or on light-line systems Through-wiring possible

Versions



PACIFIC LED WATERPROOF

Pacific LED gen4

Product details



PacificLED_Gen4-WT470C-
DP02.jpg



PacificLED_Gen4-WT470C-
DP01.jpg



PacificLED gen4 WT470C bracket

Pacific LED gen4

Application Conditions

Ambient temperature range	-25 to +45 °C
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66

Operating and Electrical

Input Voltage	220-240 V
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General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	D
Glow-wire test	850/5
Light source replaceable	Yes
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-7%

Mechanical and Housing

Colour	White
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Application Conditions

Order Code	Full Product Name	Maximum dim level
910925863806	WT470C LED35S/840 PSU WB L1600	-
910925863809	WT470C LED35S/840 PSU VWB L1600	-
910925863819	WT470C LED42S/840 PSU WB L1300	-
910925863821	WT470C LED42S/840 PSU VWB L1300	-
910925863827	WT470C LED42S/840 PSD WB L1300	1%
910925863832	WT470C LED64S/840 PSU WB L1600	-
910925863833	WT470C LED64S/840 PSU NB L1600	-
910925863835	WT470C LED64S/840 PSU VWB L1600	-
910925863853	WT470C LED64S/865 PSU WB TW1 L1600	-
910925863859	WT470C LED64S/840 PSD WB L1600	1%
910925863881	WT471C LED42S/840 PSU WB L1300	-
910925863884	WT471C LED64S/840 PSU WB L1600	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925863806	WT470C LED35S/840 PSU WB L1600	No
910925863809	WT470C LED35S/840 PSU VWB L1600	No
910925863819	WT470C LED42S/840 PSU WB L1300	No
910925863821	WT470C LED42S/840 PSU VWB L1300	No
910925863827	WT470C LED42S/840 PSD WB L1300	Yes
910925863832	WT470C LED64S/840 PSU WB L1600	No

Order Code	Full Product Name	Dimmable
910925863833	WT470C LED64S/840 PSU NB L1600	No
910925863835	WT470C LED64S/840 PSU VWB L1600	No
910925863853	WT470C LED64S/865 PSU WB TW1 L1600	No
910925863859	WT470C LED64S/840 PSD WB L1600	Yes
910925863881	WT471C LED42S/840 PSU WB L1300	No
910925863884	WT471C LED64S/840 PSU WB L1600	No

General Information

Order Code	Full Product Name	Product Family	
		Optic type	Code
910925863806	WT470C LED35S/840 PSU WB L1600	WB	WT470C
910925863809	WT470C LED35S/840 PSU VWB L1600	VWB	WT470C
910925863819	WT470C LED42S/840 PSU WB L1300	WB	WT470C
910925863821	WT470C LED42S/840 PSU VWB L1300	VWB	WT470C
910925863827	WT470C LED42S/840 PSD WB L1300	WB	WT470C
910925863832	WT470C LED64S/840 PSU WB L1600	WB	WT470C

Order Code	Full Product Name	Product Family	
		Optic type	Code
910925863833	WT470C LED64S/840 PSU NB L1600	NB	WT470C
910925863835	WT470C LED64S/840 PSU VWB L1600	VWB	WT470C
910925863853	WT470C LED64S/865 PSU WB TW1 L1600	WB	WT470C
910925863859	WT470C LED64S/840 PSD WB L1600	WB	WT470C
910925863881	WT471C LED42S/840 PSU WB L1300	WB	WT471C
910925863884	WT471C LED64S/840 PSU WB L1600	WB	WT471C

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
910925863806	WT470C LED35S/840 PSU WB L1600	4000 K	146 lm/W	3572 lm	24.4 W
910925863809	WT470C LED35S/840 PSU VWB L1600	4000 K	145 lm/W	3536 lm	24.4 W
910925863819	WT470C LED42S/840 PSU WB L1300	4000 K	141 lm/W	4293 lm	30.5 W
910925863821	WT470C LED42S/840 PSU VWB L1300	4000 K	139 lm/W	4250 lm	30.5 W
910925863827	WT470C LED42S/840 PSD WB L1300	4000 K	141 lm/W	4293 lm	30.5 W
910925863832	WT470C LED64S/840 PSU WB L1600	4000 K	140 lm/W	6515 lm	46.6 W
910925863833	WT470C LED64S/840 PSU NB L1600	4000 K	142 lm/W	6618 lm	46.6 W
910925863835	WT470C LED64S/840 PSU VWB L1600	4000 K	138 lm/W	6450 lm	46.6 W
910925863853	WT470C LED64S/865 PSU WB TW1 L1600	6500 K	140 lm/W	6515 lm	46.6 W
910925863859	WT470C LED64S/840 PSD WB L1600	4000 K	140 lm/W	6515 lm	46.6 W
910925863881	WT471C LED42S/840 PSU WB L1300	4000 K	141 lm/W	4293 lm	30.5 W
910925863884	WT471C LED64S/840 PSU WB L1600	4000 K	140 lm/W	6515 lm	46.6 W

