



# 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

Suitable for random switching	Not applicable
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## 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
Product Family Code	WT470C

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Corr. Colour Temperature	4000 K
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	Ambient temperature range	Maximum dim level
37928800	WT470C LED35S/840 PSU WB L1600	-25 to +45 °C	-
37940000	WT470C LED35S/840 PSD O L1600	-25 to +45 °C	1%
37943100	WT470C LED42S/840 PSU VWB L1300	-25 to +45 °C	-
37954700	WT470C LED64S/840 PSU WB L1600	-25 to +45 °C	-
37955400	WT470C LED64S/840 PSU NB L1600	-25 to +45 °C	-
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	0 to +35 °C	-

## Controls and Dimming

Order Code	Full Product Name	Dimmable
37928800	WT470C LED35S/840 PSU WB L1600	No
37940000	WT470C LED35S/840 PSD O L1600	Yes
37943100	WT470C LED42S/840 PSU VWB L1300	No

Order Code	Full Product Name	Dimmable
37954700	WT470C LED64S/840 PSU WB L1600	No
37955400	WT470C LED64S/840 PSU NB L1600	No
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	No

## General Information

Order Code	Full Product Name	Optic type
37928800	WT470C LED35S/840 PSU WB L1600	WB
37940000	WT470C LED35S/840 PSD O L1600	White reflector and opal cover
37943100	WT470C LED42S/840 PSU VWB L1300	VWB

Order Code	Full Product Name	Optic type
37954700	WT470C LED64S/840 PSU WB L1600	WB
37955400	WT470C LED64S/840 PSU NB L1600	NB
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	WB

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37928800	WT470C LED35S/840 PSU WB L1600	147 lm/W	3600 lm	24.5 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37940000	WT470C LED35S/840 PSD O L1600	139 lm/W	3400 lm	24.5 W

## Pacific LED gen4

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37943100	WT470C LED42S/840 PSU VWB L1300	138 lm/W	4200 lm	30.5 W
37954700	WT470C LED64S/840 PSU WB L1600	140 lm/W	6500 lm	46.5 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37955400	WT470C LED64S/840 PSU NB L1600	142 lm/W	6600 lm	46.5 W
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	129 lm/W	6500 lm	50.5 W

