



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

Pacific LED gen4

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 CIRCULAR ECONOMY

Pacific LED gen4

Product details

PacificLED_Gen4-WT470C-
DP02.jpg



PacificLED_Gen4-WT470C-
DP01.jpg



PacificLED gen4 WT470C bracket



PacificLED_Gen4-WT480C-
DP02.jpg



PacificLED_Gen4-WT480C-
DP01.jpg



Pacific LED gen4

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. 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
37914100	WT470C LED23S/840 PSU WB L1300	-25 to +45 °C	-
37915800	WT470C LED23S/840 PSU WB L700	-25 to +45 °C	-
37923300	WT470C LED23S/840 PSD WB L1300	-25 to +45 °C	1%
37928800	WT470C LED35S/840 PSU WB L1600	-25 to +45 °C	-
37935600	WT470C LED35S/840 PSD WB L1600	-25 to +45 °C	1%
37941700	WT470C LED42S/840 PSU WB L1300	-25 to +45 °C	-
37944800	WT470C LED42S/840 PSU O L1300	-25 to +45 °C	-
37945500	WT470C LED42S/840 PSU NB L1300	-25 to +45 °C	-
37946200	WT470C LED42S/840 PSU WB TW1 L1300	-25 to +45 °C	-
37949300	WT470C LED42S/840 PSD WB L1300	-25 to +45 °C	1%
37951600	WT470C LED42S/840 PSD VWB L1300	-25 to +45 °C	1%
37954700	WT470C LED64S/840 PSU WB L1600	-25 to +45 °C	-
37955400	WT470C LED64S/840 PSU NB L1600	-25 to +45 °C	-
37957800	WT470C LED64S/840 PSU VWB L1600	-25 to +45 °C	-
37961500	WT470C LED64S/840 PSU VWB TW3 L1600	-25 to +45 °C	-
37972100	WT470C LED64S/840 PSU WB ELP3 TW3 L1600	0 to +35 °C	-
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	0 to +35 °C	-
37984400	WT470C LED64S/840 PSD VWB L1600	-25 to +45 °C	1%
37988200	WT470C LED64S/840 PSD O L1600	-25 to +45 °C	1%
37997400	WT470C LED80S/840 PSU WB TW1 L1600	-25 to +45 °C	-
38006200	WT471C LED64S/840 PSU WB L1600	-25 to +45 °C	-
38015400	WT480C LED64S/840 PSD WB L1600	-30 to +45 °C	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
37914100	WT470C LED23S/840 PSU WB L1300	No	37954700	WT470C LED64S/840 PSU WB L1600	No
37915800	WT470C LED23S/840 PSU WB L700	No	37955400	WT470C LED64S/840 PSU NB L1600	No
37923300	WT470C LED23S/840 PSD WB L1300	Yes	37957800	WT470C LED64S/840 PSU VWB L1600	No
37928800	WT470C LED35S/840 PSU WB L1600	No	37961500	WT470C LED64S/840 PSU VWB TW3 L1600	No
37935600	WT470C LED35S/840 PSD WB L1600	Yes	37972100	WT470C LED64S/840 PSU WB ELP3 TW3 L1600	No
37941700	WT470C LED42S/840 PSU WB L1300	No	37979000	WT470C LED64S/840 PSU WB ELP3 L1600	No
37944800	WT470C LED42S/840 PSU O L1300	No	37984400	WT470C LED64S/840 PSD VWB L1600	Yes
37945500	WT470C LED42S/840 PSU NB L1300	No	37988200	WT470C LED64S/840 PSD O L1600	Yes
37946200	WT470C LED42S/840 PSU WB TW1 L1300	No	37997400	WT470C LED80S/840 PSU WB TW1 L1600	No
37949300	WT470C LED42S/840 PSD WB L1300	Yes	38006200	WT471C LED64S/840 PSU WB L1600	No
37951600	WT470C LED42S/840 PSD VWB L1300	Yes	38015400	WT480C LED64S/840 PSD WB L1600	Yes

General Information

Order Code	Full Product Name	Optic type	Product Family Code	Order Code	Full Product Name	Optic type	Product Family Code
37914100	WT470C LED23S/840 PSU WB L1300	WB	WT470C	37941700	WT470C LED42S/840 PSU WB L1300	WB	WT470C
37915800	WT470C LED23S/840 PSU WB L700	WB	WT470C	37944800	WT470C LED42S/840 PSU O L1300	White reflector and opal cover	WT470C
37923300	WT470C LED23S/840 PSD WB L1300	WB	WT470C	37945500	WT470C LED42S/840 PSU NB L1300	NB	WT470C
37928800	WT470C LED35S/840 PSU WB L1600	WB	WT470C	37946200	WT470C LED42S/840 PSU WB TW1 L1300	WB	WT470C
37935600	WT470C LED35S/840 PSD WB L1600	WB	WT470C				

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Order Code	Full Product Name	Optic type	Product Family Code
37949300	WT470C LED42S/840 PSD WB L1300	WB	WT470C
37951600	WT470C LED42S/840 PSD VWB L1300	VWB	WT470C
37954700	WT470C LED64S/840 PSU WB L1600	WB	WT470C
37955400	WT470C LED64S/840 PSU NB L1600	NB	WT470C
37957800	WT470C LED64S/840 PSU VWB L1600	VWB	WT470C
37961500	WT470C LED64S/840 PSU VWB TW3 L1600	VWB	WT470C
37972100	WT470C LED64S/840 PSU WB ELP3 TW3 L1600	WB	WT470C

Order Code	Full Product Name	Optic type	Product Family Code
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	WB	WT470C
37984400	WT470C LED64S/840 PSD VWB L1600	VWB	WT470C
37988200	WT470C LED64S/840 PSD O L1600	White reflector and opal cover	WT470C
37997400	WT470C LED80S/840 PSU WB TW1 L1600	WB	WT470C
38006200	WT471C LED64S/840 PSU WB L1600	WB	WT471C
38015400	WT480C LED64S/840 PSD WB L1600	WB	WT480C

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37914100	WT470C LED23S/840 PSU WB L1300	140 lm/W	2300 lm	16.4 W
37915800	WT470C LED23S/840 PSU WB L700	140 lm/W	2300 lm	16.4 W
37923300	WT470C LED23S/840 PSD WB L1300	140 lm/W	2300 lm	16.4 W
37928800	WT470C LED35S/840 PSU WB L1600	147 lm/W	3600 lm	24.5 W
37935600	WT470C LED35S/840 PSD WB L1600	147 lm/W	3600 lm	24.5 W
37941700	WT470C LED42S/840 PSU WB L1300	141 lm/W	4300 lm	30.5 W
37944800	WT470C LED42S/840 PSU O L1300	131 lm/W	4000 lm	30.5 W
37945500	WT470C LED42S/840 PSU NB L1300	141 lm/W	4300 lm	30.5 W
37946200	WT470C LED42S/840 PSU WB TW1 L1300	141 lm/W	4300 lm	30.5 W
37949300	WT470C LED42S/840 PSD WB L1300	141 lm/W	4300 lm	30.5 W
37951600	WT470C LED42S/840 PSD VWB L1300	138 lm/W	4200 lm	30.5 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
37954700	WT470C LED64S/840 PSU WB L1600	140 lm/W	6500 lm	46.5 W
37955400	WT470C LED64S/840 PSU NB L1600	142 lm/W	6600 lm	46.5 W
37957800	WT470C LED64S/840 PSU VWB L1600	138 lm/W	6400 lm	46.5 W
37961500	WT470C LED64S/840 PSU VWB TW3 L1600	140 lm/W	6500 lm	46.5 W
37972100	WT470C LED64S/840 PSU WB ELP3 TW3 L1600	129 lm/W	6500 lm	50.5 W
37979000	WT470C LED64S/840 PSU WB ELP3 L1600	129 lm/W	6500 lm	50.5 W
37984400	WT470C LED64S/840 PSD VWB L1600	138 lm/W	6400 lm	46.5 W
37988200	WT470C LED64S/840 PSD O L1600	131 lm/W	6100 lm	46.5 W
37997400	WT470C LED80S/840 PSU WB TW1 L1600	138 lm/W	8000 lm	58 W
38006200	WT471C LED64S/840 PSU WB L1600	140 lm/W	6500 lm	46.5 W
38015400	WT480C LED64S/840 PSD WB L1600	140 lm/W	6500 lm	46.5 W

