Pacific LED Green Parking – combine safety with savings

Pacific LED Green Parking

Lighting is needed in parking garages to provide safety and guidance. However, because it is not possible to predict exactly when light will be needed, the lighting is often left on. As a result, lighting energy costs can be as high as 70% of the total operational costs of a parking garage. Based on the newest LED technology and optics, Pacific LED Green Parking with presence-detection controls is an innovative, flexible and fully retrofit system for parking operators who want to reduce their energy consumption and the related CO_2 emissions – without compromising the safety and comfort that lighting offers parking garage users.

Benefits
- Energy savings of up to 80% compared to fluorescent are achievable, without compromising on safety
- Fully retrofit system, no need for new cables; easy commissioning with self-addressing
- Full system warranty; service offer possible for 10 years guarantee

Features
- Latest LED technology and optics
- Energy-efficient, and extended system lifetime due to dimming capability – ensuring good return on investment
- Robust components and system
- Easy installation due to wireless controls, sensors and easy commissioning with self-addressing
- Offered as a complete system only

Application
- Parking garages

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Specifications

Type	WT460X	**Operating temperature range**	–20 to +35 ºC
Light source	Philips Fortimo LEDline 3R	**Driver**	Built-in
Power	28 to 58 W (depending on type)	**Mains voltage**	230 or 240 V / 50–60 Hz
Beam angle	50º (NB)	**Dimming**	Integrated wireless control system with external IP65 sensors
	100º (WB)	**Control system input**	DALI; commissioning with remote control (supplied with system)
	120º (VWB)	**Options**	Emergency lighting (integrated): 3 hours (EL3)
Luminous flux	3500 to 6400 lm (depending on type)		Through wiring (TW1 or TW3)
Correlated Color Temperature	4000 K	**Material**	Housing: polycarbonate
Color Rendering Index	>80		Ceiling clips: stainless steel
Median useful life L70B50	80,000 hours		Lenses: PMMA
Median useful life L80B50	50,000 hours	**Color**	Grey, RAL 7035
Median useful life L90B50	25,000 hours	**Optic**	Narrow (NB), wide (WB) and very wide (VWB) beam
Driver failure rate	1% per 5000 hours	**Connection**	Integral male / female connectors
Average ambient temperature	+25 ºC	**Installation**	Individual; locking the luminaire into pre-mounted ceiling plate (delivered with the luminaire)
			Through-wiring possible
		Remarks	This solution is offered as a complete system only

Versions

PACIFIC LED GREEN PARKING – 840 neutral white – Very wide beam – Screw connection with pug and socket

Product details

PacificLED_Gen4-WT470C-DP02.jpg

PacificLED_Gen4-WT470C-DP01.jpg

Pacific LED Green Parking

Application Conditions

Ambient temperature range	-25 to +45 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66

Controls and Dimming

Dimmable	Yes

Operating and Electrical

Input Voltage	220-240 V

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	850/30
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	VWB
Product Family Code	WT470X

Initial Performance (IEC Compliant)

Initial chromaticy	(0.38, 0.38) SDCM <3
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-7%

Mechanical and Housing

Color	White

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
38026000	WT470X LED35S/840 VWB ACW TC5 L1600	140 lm/W	3500 lm	25 W
38027700	WT470X LED35S/840 VWB ACWH TC5 L1600	140 lm/W	3500 lm	25 W
38036900	WT470X LED64S/840 VWB ACW TW1 L1600	136 lm/W	6400 lm	47 W
38045100	WT470X LED64S/840 VWB ACWH TW1 L1600	136 lm/W	6400 lm	47 W

www.lighting.philips.com

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