



A robust waterproof-lighting luminaire with optimal performance over its lifetime

Pacific LED Gen5 Value

The Pacific LED Gen5 WT475C series is an innovative and best-in-class LED waterproof luminaire that is praised for its optimal performance. It meets the demanding requirements of contemporary and harsh industries. It is a very robust, compact and reliable luminaire, with excellent quality of light. With a high degree of mechanical (IK08), water and dust protection (IP66), combined with proven chemical resistance, the Pacific LED Gen5 WT475C series can perfectly withstand the harsh conditions of automotive, food and heavy industries. But it also performs well in car parks and warehouses. The Pacific LED Gen5 WT475C luminaires provide superior, artefact-free light quality and homogeneous light, offered with multiple optics and a broad range of light outputs. This ensures more flexibility in optimised light scheme planning. They are also designed with a circular approach, which means that these fully serviceable luminaires can be upgraded to extend their overall lifecycle. The luminaires stand out because of their quick-and-easy installation that facilitates through wiring and various connection and mounting options. But also, because of their attractive TCO, energy efficiency and ease of maintenance – with the minimum of disruption to operations in demanding applications. Discover Pacific LED Gen5 WT475C series. Robust luminaires with optimal performance.

Pacific LED Gen5 Value

Benefits

- A compact, robust and reliable solution for a long service life.
- A wide range of industrial applications (food production, heavy and chemical industries, automotive, car parks and warehousing)
- Choice of lengths, flux and beam shapes
- High uniformity and artefact-free light distribution
- Less maintenance – a modular approach for easy servicing and parts replacement

Features

- Energy efficient and long lifetime: up to 140 lm/W and lifetime up to 50,000 hrs L80
- A robust and compact product architecture, with high water and dust protection (IP66), combined with a high degree of mechanical protection (IK08).
- Wide application coverage with lumen output and optics choices, combined with high-quality chemically resistant materials.
- High uniformity, glare control and artefact-free light distribution.
- Hassle-free installation and maintenance.
- 3 Hour emergency versions available

Application

- Food processing
- Car parks
- Manufacturing
- Warehouses/distribution centres

Warnings and Safety

- UV radiation will damage the material over time, resulting in loss of waterproof seal and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight

Versions



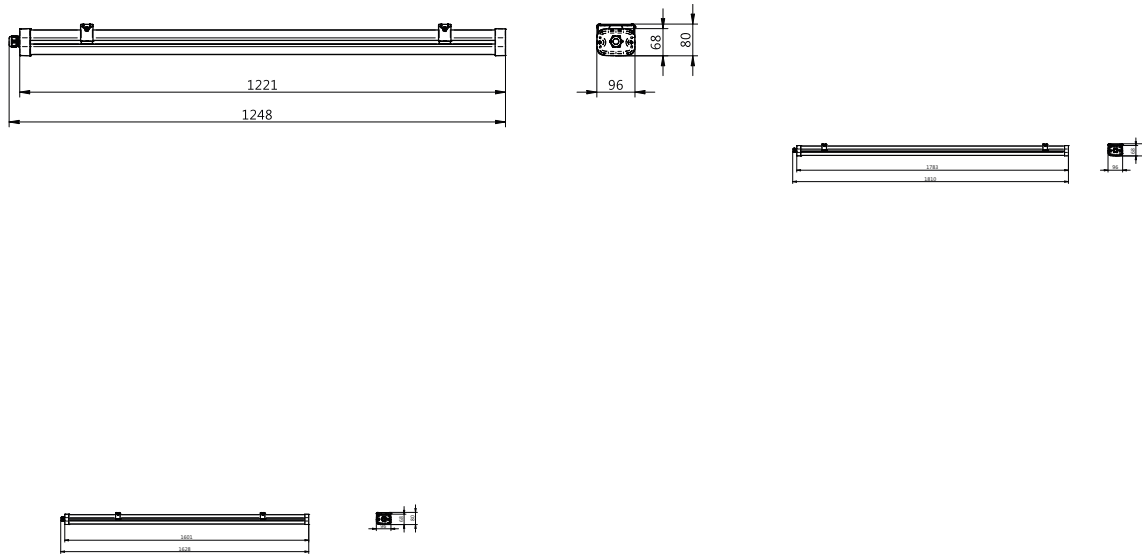
Pacific LED gen5, L1800



Pacific LED gen5, L1200

Pacific LED Gen5 Value

Dimensional drawing



Product details



Pacific LED gen5 with push in 7-pole (PI7) connector

Pacific LED Gen5 Value

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Mechanical and Housing	
Housing Colour	White
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
ENEC mark	ENEC plus mark
Flammability mark	For mounting on easily flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-7%
Product Data	
Product family code	WT475C

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux
910925868297	WT475C 62S/840 PSU WB L1800	141 lm/W	6,200 lm
910925868298	WT475C 107S/840 PSU WB L1800	132 lm/W	10,700 lm
910925868248	WT475C 42S/840 PSU WB L1200	141 lm/W	4,200 lm
910925868273	WT475C 72S/840 PSU WB ELB3 L1200	133 lm/W	7,200 lm
910925868296	WT475C 72S/840 PSU WB L1200	133 lm/W	7,200 lm
910925868424	WT475C 72S/840 PSD WB L1600	131 lm/W	7,200 lm
910925868425	WT475C 72S/840 PSU WB L1600	133 lm/W	7,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868297	WT475C 62S/840 PSU WB L1800	44 W
910925868298	WT475C 107S/840 PSU WB L1800	81 W
910925868248	WT475C 42S/840 PSU WB L1200	29.8 W
910925868273	WT475C 72S/840 PSU WB ELB3 L1200	54 W

Order Code	Full Product Name	Power Consumption
910925868296	WT475C 72S/840 PSU WB L1200	54 W
910925868424	WT475C 72S/840 PSD WB L1600	55 W
910925868425	WT475C 72S/840 PSU WB L1600	54 W

Controls and Dimming

Pacific LED Gen5 Value

Order Code	Full Product Name	Dimmable
910925868297	WT475C 62S/840 PSU WB L1800	No
910925868298	WT475C 107S/840 PSU WB L1800	No
910925868248	WT475C 42S/840 PSU WB L1200	No
910925868273	WT475C 72S/840 PSU WB ELB3 L1200	No

Order Code	Full Product Name	Dimmable
910925868296	WT475C 72S/840 PSU WB L1200	No
910925868424	WT475C 72S/840 PSD WB L1600	Yes
910925868425	WT475C 72S/840 PSU WB L1600	No

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925868297	WT475C 62S/840 PSU WB L1800	-	-	-
910925868298	WT475C 107S/840 PSU WB L1800	-	-	-
910925868248	WT475C 42S/840 PSU WB L1200	-	-	-
910925868273	WT475C 72S/840 PSU WB ELB3 L1200	No	Emergency lighting 3-	3 h

Order Code	Full Product Name	Central Emergency	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925868296	WT475C 72S/840 PSU WB L1200	-	-	-
910925868424	WT475C 72S/840 PSD WB L1600	-	-	-
910925868425	WT475C 72S/840 PSU WB L1600	-	-	-

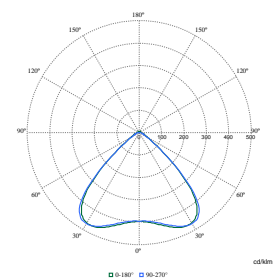
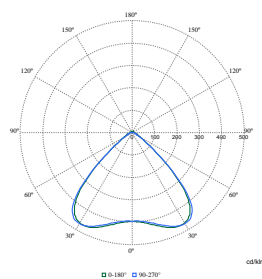
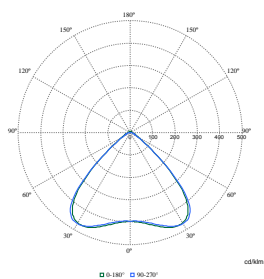
hours duration basic version

Approval and Application

Order Code	Full Product Name	Ambient temperature range
910925868297	WT475C 62S/840 PSU WB L1800	-25 to +45 °C
910925868298	WT475C 107S/840 PSU WB L1800	-25 to +45 °C
910925868248	WT475C 42S/840 PSU WB L1200	-25 to +45 °C
910925868273	WT475C 72S/840 PSU WB ELB3 L1200	0 to +30 °C

Order Code	Full Product Name	Ambient temperature range
910925868296	WT475C 72S/840 PSU WB L1200	-25 to +45 °C
910925868424	WT475C 72S/840 PSD WB L1600	-25 to +45 °C
910925868425	WT475C 72S/840 PSU WB L1600	-25 to +45 °C

Polar Wide Diagrams



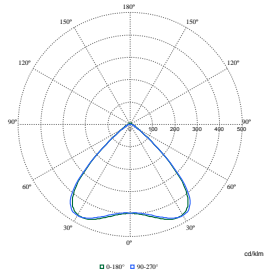
Polar Normal (separate) - WT475C I - 910925868248

Polar Normal (separate) - WT475C I - 910925868273

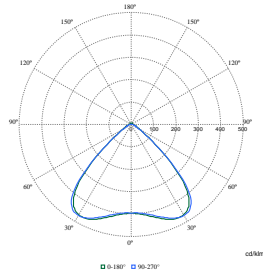
Polar Normal (separate) - WT475C I - 910925868298

Pacific LED Gen5 Value

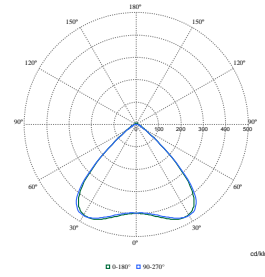
Polar Wide Diagrams



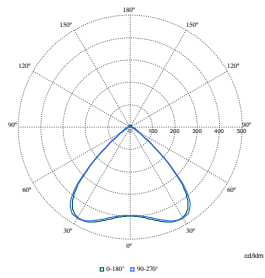
Polar Normal (separate) - WT475CI - 910925868296



Polar Normal (separate) - WT475CI - 910925868424



Polar Normal (separate) - WT475CI - 910925868425



Polar Normal (separate) - WT475CI - 910925868297

