Robust luminaire with optimal performance over lifetime for waterproof lighting

Pacific LED Gen5 Value

Pacific LED Gen5 Value 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 Value can perfectly withstand the harsh conditions of automotive, food and heavy industries. But this waterproof lighting also performs well in parking garages and warehouses. With multiple optics and a broad range of light outputs. Pacific LED Gen5 Value luminaires provide superior, artefact-free light quality and homogeneous light. This ensures more flexibility in optimized light scheme planning. They are also designed with a circular approach, which means these fully-serviceable luminaires can be upgraded to extend their overall lifecycle. These luminaires stand out because of their quick and easy installation that facilitates through wiring and various connection and mounting options. But also due to their energy efficiency and ease of maintenance – with the minimum of disruption to operations in demanding applications. Discover Pacific LED Gen5 Value. Robust luminaires with optimal performance for waterproof lighting.

Pacific LED Gen5 Value

Benefits
· Compact, robust, and reliable solution for a long service life.
· Wide range of industrial applications (food production, heavy and chemical
  industries, automotive, parking garages and warehousing)
· Choice of lengths, flux, beams shapes
· High uniformity and artefact-free light distribution
· Less maintenance – modular approach for easy servicing and parts replacements

Features
· Energy efficient and long lifetime: up to 140 lm/W and lifetime up to 50,000 hours
  L80
· Robust and compact architecture, high water and dust (IP66) and mechanical
  (IK08) protection
· Choice of lumen output and optics, plus high-quality chemical-resistant materials
· High uniformity, glare control and artefact-free light distributions.
· Hassle-free installation and maintenance.

Application
· Food processing
· Parking garages
· Manufacturing
· Warehouses/distribution centers

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
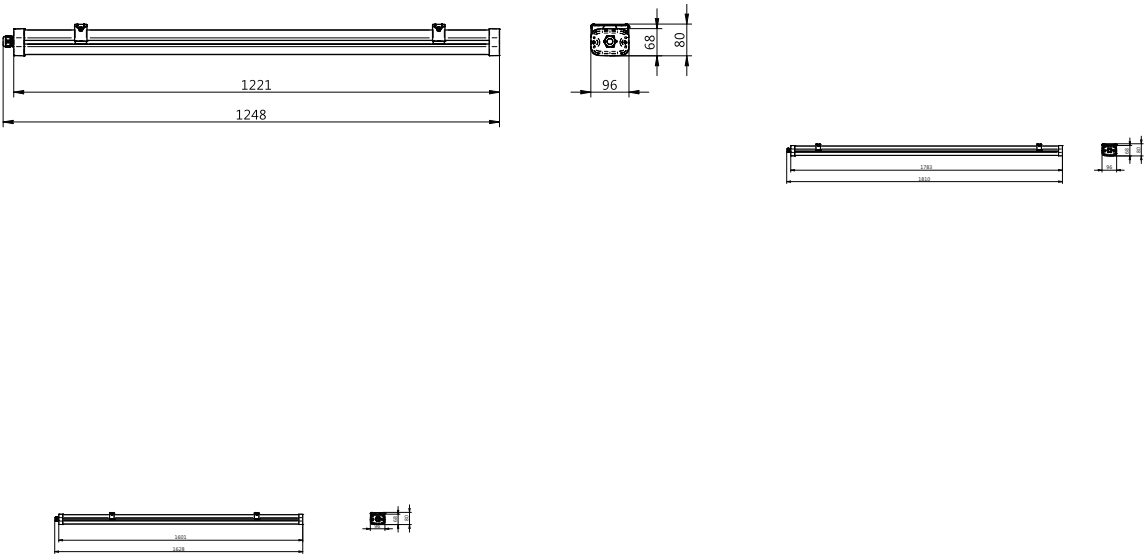
Versions

Pacific LED gen5,, L1600

Pacific LED Gen5 Value

Dimensional drawing

1221
1248
96
68
80

1783
1810
96

1601
1628

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	1 unit
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80

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 Color	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 ℃, duration 30 s
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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	Optic type
910925868711	WT475C 62S/840 PSU O L1800	136 lm/W	6,000 lm	Opal
910925868716	WT475C 107S/840 SIA WB IA9 L1800	131 lm/W	10,700 lm	Wide beam
910925868269	WT475C 42S/840 PSD WB L1200	133 lm/W	4,200 lm	Wide beam
910925868710	WT475C 72S/840 PSU O L1200	126 lm/W	6,800 lm	Opal
910925868714	WT475C 72S/840 PSU WB ELP3 L1200	124 lm/W	7,200 lm	Wide beam
910925868715	WT475C 72S/840 SIA WB IA9 L1200	133 lm/W	7,200 lm	Wide beam
910925868424	WT475C 72S/840 PSD WB L1600	131 lm/W	7,200 lm	Wide beam
910925868425	WT475C 72S/840 PSU WB L1600	133 lm/W	7,200 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868711	WT475C 62S/840 PSU O L1800	44 W
910925868716	WT475C 107S/840 SIA WB IA9 L1800	82 W
910925868269	WT475C 42S/840 PSD WB L1200	31.5 W
910925868710	WT475C 72S/840 PSU O L1200	54 W

Order Code	Full Product Name	Power Consumption
910925868714	WT475C 72S/840 PSU WB ELP3 L1200	58 W
910925868715	WT475C 72S/840 SIA WB IA9 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	Embedded control
910925868711	WT475C 62S/840 PSU O L1800	No	–
910925868716	WT475C 107S/840 SIA WB IA9 L1800	Yes	InterAct SNS410 antena
910925868269	WT475C 42S/840 PSD WB L1200	Yes	–
910925868710	WT475C 72S/840 PSU O L1200	No	–

Order Code	Full Product Name	Dimmable	Embedded control
910925868714	WT475C 72S/840 PSU WB ELP3 L1200	No	–
910925868715	WT475C 72S/840 SIA WB IA9 L1200	Yes	InterAct SNS410 antena
910925868424	WT475C 72S/840 PSD WB L1600	Yes	–
910925868425	WT475C 72S/840 PSU WB L1600	No	–

Emergency Operation

| Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925868711	WT475C 62S/840 PSU O L1800	–	–
910925868716	WT475C 107S/840 SIA WB IA9 L1800	–	–
910925868269	WT475C 42S/840 PSD WB L1200	–	–
910925868710	WT475C 72S/840 PSU O L1200	–	–
910925868714	WT475C 72S/840 PSU WB ELP3 L1200	Emergency lighting 3 hours	3 hour(s)

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
		duration Pro version	
910925868715	WT475C 72S/840 SIA WB IA9 L1200	–	–
910925868424	WT475C 72S/840 PSD WB L1600	–	–
910925868425	WT475C 72S/840 PSU WB L1600	–	–

Approval and Application

Order Code	Full Product Name	Ambient temperature range
910925868711	WT475C 62S/840 PSU O L1800	–25 to +45 °C
910925868716	WT475C 107S/840 SIA WB IA9 L1800	–25 to +45 °C
910925868269	WT475C 42S/840 PSD WB L1200	–25 to +45 °C
910925868710	WT475C 72S/840 PSU O L1200	–25 to +45 °C

| Order Code	Full Product Name	Ambient temperature range
910925868714	WT475C 72S/840 PSU WB ELP3 L1200	0 to +30 °C
910925868715	WT475C 72S/840 SIA WB IA9 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
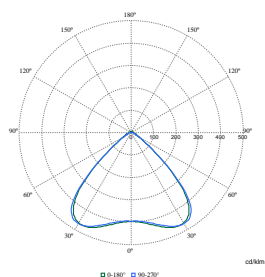
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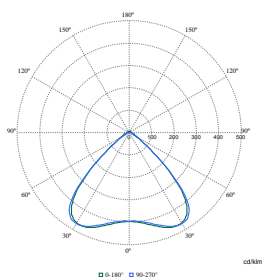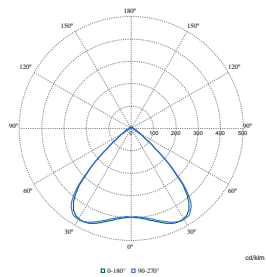

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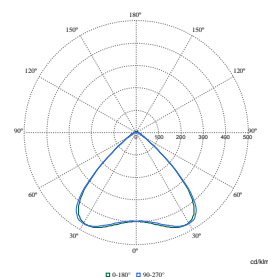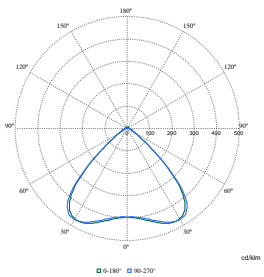

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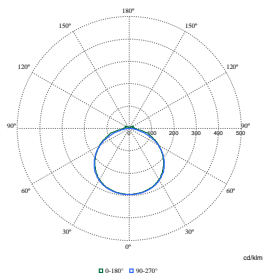
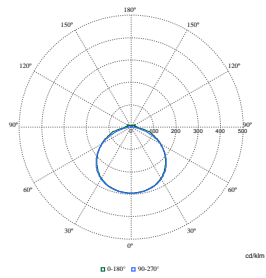# Pacific LED Gen5 Value

Polar Wide Diagrams
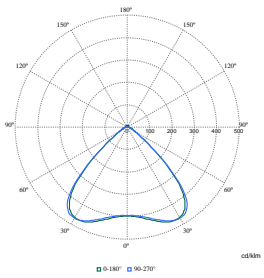

**Polar Normal (separate) – WT475CI –
910925868715**

**Polar Normal (separate) – WT475CI –
910925868425**

**Polar Normal (separate) – WT475CI –
910925868710**

**Polar Normal (separate) – WT475CI –
910925868711**

**Polar Normal (separate) – WT475CI –
910925868716**

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2023, May 11 – data subject to change