



Robust, connectable luminaire with outstanding performance.

Pacific LED gen5 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 can perfectly withstand the harsh conditions of the automotive, food and heavy industries. But it also performs well in parking garages and warehouses. Pacific LED gen5 luminaires provide superior, artefact-free light quality and homogeneous light, offered with multiple optics and broad range of light outputs (up to 15,000 lm). 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. 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 minimum of disruption to operations in demanding applications. To make the Pacific LED gen5 even more complete, system integration with Interact Industry opens up additional opportunities for optimized efficiency,

energy savings, improved light management, productivity, and safety. Making it future proof in every aspect. Discover Pacific LED gen5. Optimal performance for demanding environments.

Benefits

- Long service life offering peace of mind on your lighting installation.
- Suitable for your industrial application due to wide coverage including food production, heavy and chemical industries, automotive, parking garages and warehousing.
- Lowers your maintenance investments due to easy servicing and parts replacements with a modular approach.
- Can be integrated into an Interact connected lighting installation to optimize your operations and maximize energy saving and insights.

Applications

- Food Processing
- Parking Garages
- Manufacturing
- Warehouses/distribution centers

Versions

Features

- Highly energy efficient and long lifetime: up to 160 lm/W and lifetime up to 100,000 hrs L80.
- Wide application coverage with extensive lumen output (up to 15000 lumen) and optics choice, combined with high quality chemical-resistant materials.
- Robust and compact product architecture, with high water and dust protection (IP66), combined with a high degree of mechanical protection (IK08).
- High uniformity, glare control and artefact-free light distributions.
- Hassle-free installation and maintenance.
- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

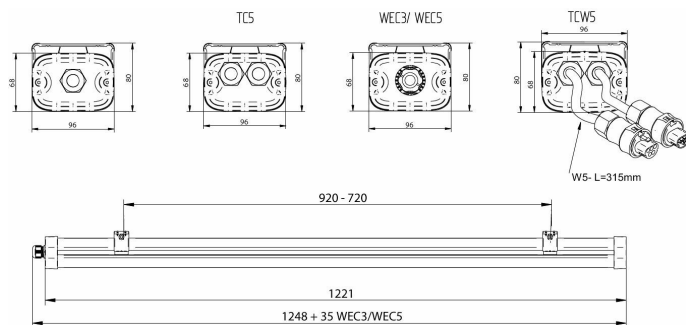
Pacific LED gen5, L1800



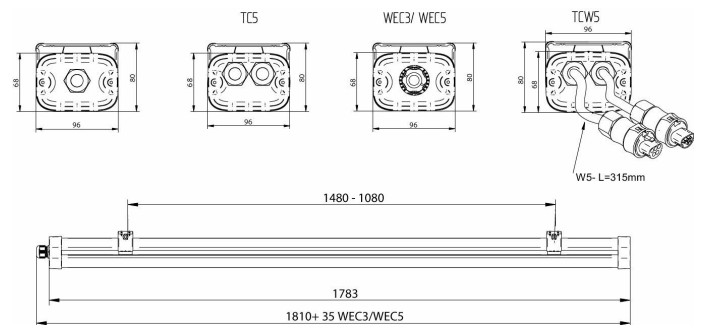
Pacific LED gen5, L1200



Dimensional drawing



PACIFIC LED PRO - 840 neutral white - Power supply unit - Wide beam - Push-in connector 5-pole



PACIFIC LED PRO - 840 neutral white - Power supply unit with DALI interface - Wide beam - Push-in connector 5-pole

Product details



Pacific LED gen5 with push in 5-pole (PI5) connecto

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class I

Mechanical and Housing

Housing Color	White
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 h
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration Pro version

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <3

Product Data

Product family code	WT490C [Pacific LED gen5]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)
910925867734	WT490C 80S/840 PSU HE WB ELP3 PI5 L1800	8,000 lm	154 lm/W
910925867741	WT490C 120S/840 PSD HE WB PI5 L1800	12,000 lm	158 lm/W
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	10,000 lm	161 lm/W
910925867723	WT490C 80S/840 PSU HE WB ELP3 PI5 L1200	8,000 lm	146 lm/W
910925867724	WT490C 80S/840 PSD HE WB PI5 L1200	8,000 lm	157 lm/W
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	6,400 lm	160 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925867734	WT490C 80S/840 PSU HE WB ELP3 PI5 L1800	52 W
910925867741	WT490C 120S/840 PSD HE WB PI5 L1800	76 W
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	62 W
910925867723	WT490C 80S/840 PSU HE WB ELP3 PI5 L1200	55 W
910925867724	WT490C 80S/840 PSD HE WB PI5 L1200	51 W
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	40 W

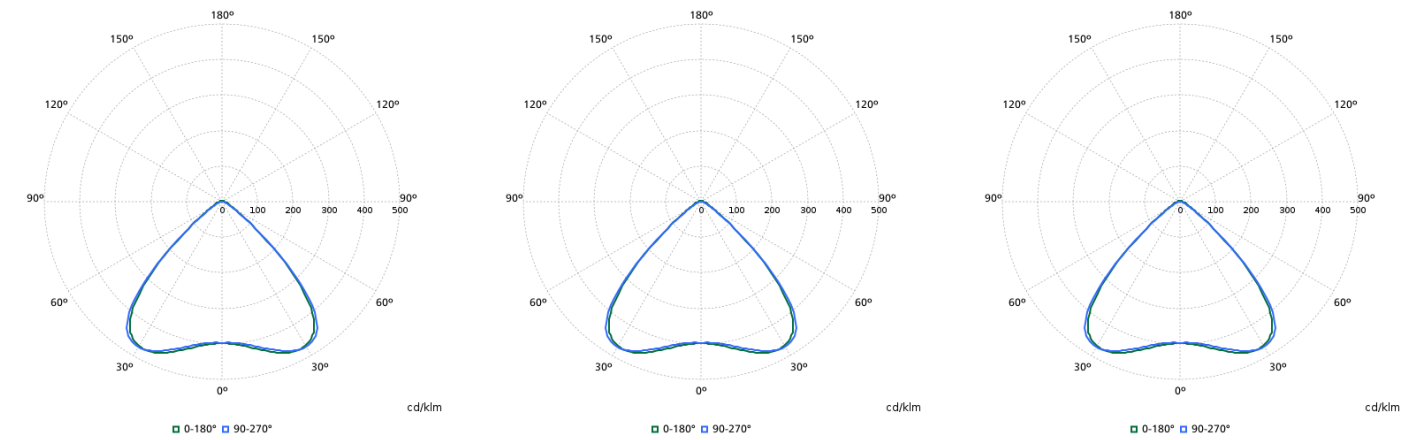
Controls and Dimming

Order Code	Full Product Name	Dimmable
910925867734	WT490C 80S/840 PSU HE WB ELP3 PI5 L1800	No
910925867741	WT490C 120S/840 PSD HE WB PI5 L1800	Yes
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	No
910925867723	WT490C 80S/840 PSU HE WB ELP3 PI5 L1200	No
910925867724	WT490C 80S/840 PSD HE WB PI5 L1200	Yes
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	No

Approval and Application

Order Code	Full Product Name	Ambient temperature range
910925867734	WT490C 80S/840 PSU HE WB ELP3 PI5 L1800	0 to +30 °C
910925867741	WT490C 120S/840 PSD HE WB PI5 L1800	-25 to +45 °C
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	-25 to +45 °C
910925867723	WT490C 80S/840 PSU HE WB ELP3 PI5 L1200	0 to +30 °C
910925867724	WT490C 80S/840 PSD HE WB PI5 L1200	-25 to +45 °C
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	-25 to +45 °C

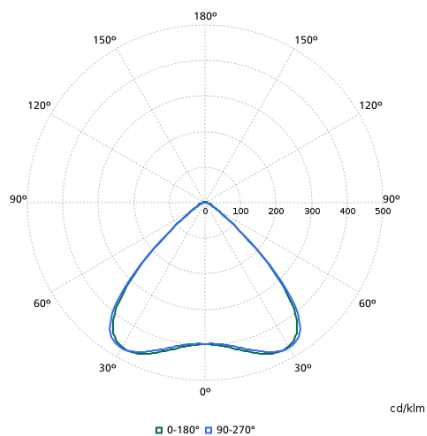
Polar normal diagrams



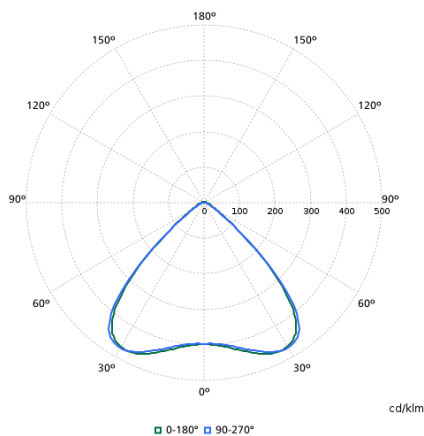
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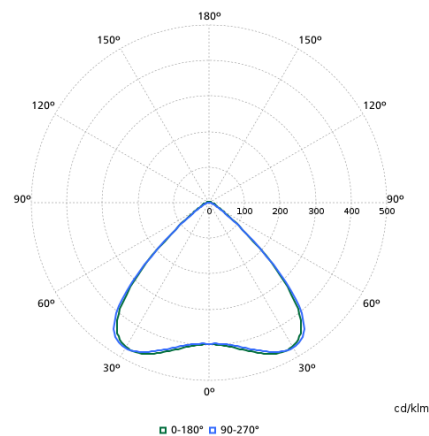
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WT490CI - 910925867741



WT490CI - 910925868293