



Robust, connectable luminaire with outstanding performance.

Pacific LED Gen5

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.

Pacific LED Gen5

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.

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.

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 sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Versions



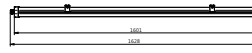
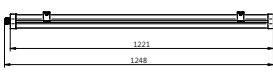
Pacific LED gen5, L1200



Pacific LED gen5, L1600

Pacific LED Gen5

Dimensional drawing



Product details



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

Pacific LED Gen5

General Information

Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Product family code	WT490C

Light Technical

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

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Mechanical and Housing

Housing Color	White
---------------	-------

Approval and Application

CE mark	Yes
Protection class IEC	Safety class I
ENEC mark	ENEC plus mark
Flammability mark	For mounting on easily flammable surfaces
Glow-wire test	Temperature 850 °C, duration 30 s
Mech. impact protection code	IK08
Ingress protection code	IP66

Initial Performance (IEC Compliant)

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

Application Conditions

Suitable for random switching	No
-------------------------------	----

General Information

Order Code	Full Product Name	Service tag
910925869607	WT490C 150S/840 PSD WB PI5 L1800	-
910925869611	WT490C 150S/840 PSU WB PI5 L1800	-
910925869606	WT490C 100S/840 PSD WB PI5 L1200	-
910925869610	WT490C 100S/840 PSU WB PI5 L1200	-
910925868414	WT490C 64S/840 PSU WB PI5 L1600	Yes

Light Technical (1/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
910925869607	WT490C	155 lm/W	15,000 lm	Very wide beam	-	
	150S/840 PSD					
	WB PI5 L1800					
910925869611	WT490C	155 lm/W	15,000 lm	Very wide beam	-	
	150S/840 PSU					
	WB PI5 L1800					
910925869606	WT490C	152 lm/W	10,000 lm	Very wide beam	-	
	100S/840 PSD					
	WB PI5 L1200					

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
910925869610	WT490C	154 lm/W	10,000 lm	Very wide beam	-	
	100S/840 PSU					
	WB PI5 L1200					
910925868414	WT490C	160 lm/W	6,400 lm	Wide beam	1	
	64S/840 PSU					
	WB PI5 L1600					

Pacific LED Gen5

Light Technical (2/2)

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910925869607	WT490C 150S/840 PSD WB PI5 L1800	-
910925869611	WT490C 150S/840 PSU WB PI5 L1800	-
910925869606	WT490C 100S/840 PSD WB PI5 L1200	-

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910925869610	WT490C 100S/840 PSU WB PI5 L1200	-
910925868414	WT490C 64S/840 PSU WB PI5 L1600	0.4

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925869607	WT490C 150S/840 PSD WB PI5 L1800	97 W
910925869611	WT490C 150S/840 PSU WB PI5 L1800	97 W
910925869606	WT490C 100S/840 PSD WB PI5 L1200	66 W

Order Code	Full Product Name	Power Consumption
910925869610	WT490C 100S/840 PSU WB PI5 L1200	65 W
910925868414	WT490C 64S/840 PSU WB PI5 L1600	40 W

Temperature

Order Code	Full Product Name	Ambient temperature range
910925869607	WT490C 150S/840 PSD WB PI5 L1800	-25 to +25 °C
910925869611	WT490C 150S/840 PSU WB PI5 L1800	-25 to +25 °C
910925869606	WT490C 100S/840 PSD WB PI5 L1200	-25 to +25 °C

Order Code	Full Product Name	Ambient temperature range
910925869610	WT490C 100S/840 PSU WB PI5 L1200	-25 to +25 °C
910925868414	WT490C 64S/840 PSU WB PI5 L1600	-25 to +45 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925869607	WT490C 150S/840 PSD WB PI5 L1800	Yes
910925869611	WT490C 150S/840 PSU WB PI5 L1800	No
910925869606	WT490C 100S/840 PSD WB PI5 L1200	Yes

Order Code	Full Product Name	Dimmable
910925869610	WT490C 100S/840 PSU WB PI5 L1200	No
910925868414	WT490C 64S/840 PSU WB PI5 L1600	No

Polar Wide Diagrams

Polar Normal (separate) - WT490CI -
910925868414

Polar Normal (separate) - WT490CI -
910925869610

Polar Normal (separate) - WT490CI -
910925869611

Pacific LED Gen5

Polar Wide Diagrams

Polar Normal (separate) - WT490CI -
910925869606

Polar Normal (separate) - WT490CI -
910925869607

