



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



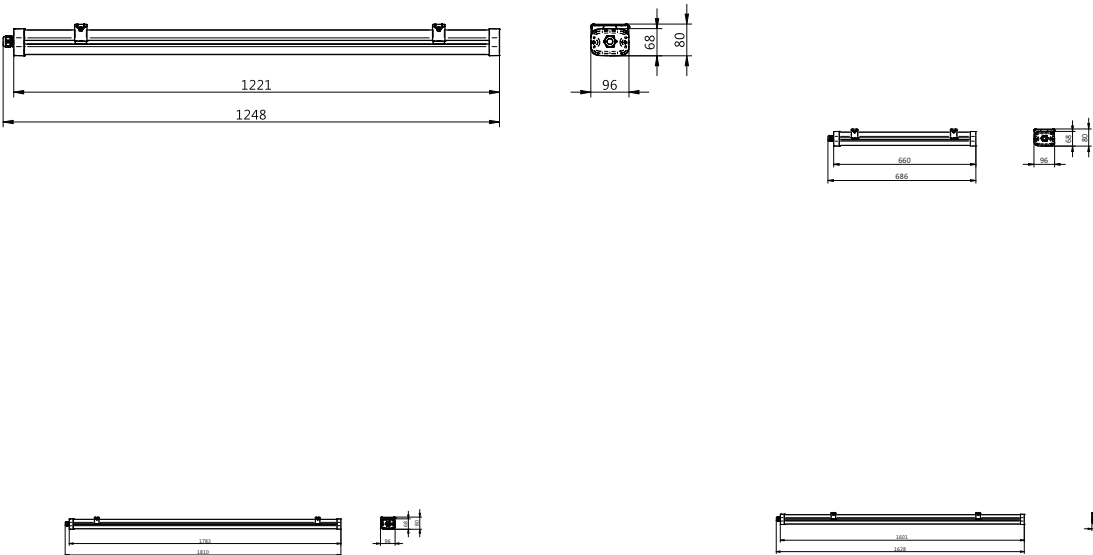
Pacific LED gen5,, L1600



Pacific LED gen5, L700

Pacific LED Gen5

Dimensional drawing



Product details



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

| | |
|---|---|
| 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 |
| 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 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 °C, 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 | WT490C |

Light Technical

| Order Code | Full Product Name | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|--------------------------------------|---------------------------------|---------------|
| 910925867734 | WT490C 80S/840 PSU WB ELP3 PI5 L1800 | 154 lm/W | 8,000 lm |
| 910925867735 | WT490C 80S/840 PSD WB PI5 L1800 | 165 lm/W | 8,000 lm |
| 910925867740 | WT490C 100S/840 PSD WB PI5 L1800 | 161 lm/W | 10,000 lm |
| 910925867741 | WT490C 120S/840 PSD WB PI5 L1800 | 158 lm/W | 12,000 lm |
| 910925868293 | WT490C 100S/840 PSU WB PI5 L1800 | 161 lm/W | 10,000 lm |
| 910925868294 | WT490C 120S/840 PSU WB PI5 L1800 | 158 lm/W | 12,000 lm |
| 910925867704 | WT490C 42S/840 PSD WB PI5 L1200 | 162 lm/W | 4,200 lm |
| 910925867710 | WT490C 64S/840 PSU WB ELP3 PI5 L1200 | 146 lm/W | 6,400 lm |
| 910925867712 | WT490C 64S/840 PSD WB PI5 L1200 | 162 lm/W | 6,400 lm |
| 910925867723 | WT490C 80S/840 PSU WB ELP3 PI5 L1200 | 146 lm/W | 8,000 lm |
| 910925867724 | WT490C 80S/840 PSD WB PI5 L1200 | 157 lm/W | 8,000 lm |
| 910925868288 | WT490C 42S/840 PSU WB PI5 L1200 | 165 lm/W | 4,200 lm |
| 910925868289 | WT490C 64S/840 PSU WB PI5 L1200 | 160 lm/W | 6,400 lm |
| 910925868412 | WT490C 64S/840 PSD WB PI5 L1600 | 162 lm/W | 6,400 lm |
| 910925868416 | WT490C 80S/840 PSD WB PI5 L1600 | 157 lm/W | 8,000 lm |
| 910925867703 | WT490C 23S/840 PSD WB PI5 L700 | 160 lm/W | 2,300 lm |
| 910925868287 | WT490C 23S/840 PSU WB PI5 L700 | 151 lm/W | 2,300 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Order Code | Full Product Name | Power Consumption |
|--------------|--------------------------------------|-------------------|--------------|--------------------------------------|-------------------|
| 910925867734 | WT490C 80S/840 PSU WB ELP3 PI5 L1800 | 52 W | 910925867710 | WT490C 64S/840 PSU WB ELP3 PI5 L1200 | 44 W |
| 910925867735 | WT490C 80S/840 PSD WB PI5 L1800 | 48.5 W | 910925867712 | WT490C 64S/840 PSD WB PI5 L1200 | 39.5 W |
| 910925867740 | WT490C 100S/840 PSD WB PI5 L1800 | 62 W | 910925867723 | WT490C 80S/840 PSU WB ELP3 PI5 L1200 | 55 W |
| 910925867741 | WT490C 120S/840 PSD WB PI5 L1800 | 76 W | 910925867724 | WT490C 80S/840 PSD WB PI5 L1200 | 51 W |
| 910925868293 | WT490C 100S/840 PSU WB PI5 L1800 | 62 W | 910925868288 | WT490C 42S/840 PSU WB PI5 L1200 | 25.5 W |
| 910925868294 | WT490C 120S/840 PSU WB PI5 L1800 | 76 W | 910925868289 | WT490C 64S/840 PSU WB PI5 L1200 | 40 W |
| 910925867704 | WT490C 42S/840 PSD WB PI5 L1200 | 26 W | 910925868412 | WT490C 64S/840 PSD WB PI5 L1600 | 39.5 W |

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| Order Code | Full Product Name | Power Consumption |
|--------------|---------------------------------|-------------------|
| 910925868416 | WT490C 80S/840 PSD WB PI5 L1600 | 51 W |
| 910925867703 | WT490C 23S/840 PSD WB PI5 L700 | 14.4 W |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|--------------------------------------|----------|
| 910925867734 | WT490C 80S/840 PSU WB ELP3 PI5 L1800 | No |
| 910925867735 | WT490C 80S/840 PSD WB PI5 L1800 | Yes |
| 910925867740 | WT490C 100S/840 PSD WB PI5 L1800 | Yes |
| 910925867741 | WT490C 120S/840 PSD WB PI5 L1800 | Yes |
| 910925868293 | WT490C 100S/840 PSU WB PI5 L1800 | No |
| 910925868294 | WT490C 120S/840 PSU WB PI5 L1800 | No |
| 910925867704 | WT490C 42S/840 PSD WB PI5 L1200 | Yes |
| 910925867710 | WT490C 64S/840 PSU WB ELP3 PI5 L1200 | No |
| 910925867712 | WT490C 64S/840 PSD WB PI5 L1200 | Yes |

Emergency Operation

| Order Code | Full Product Name | Emergency lighting | Rated duration of the emergency lighting (when fully charged) |
|--------------|--------------------------------------|---|---|
| 910925867734 | WT490C 80S/840 PSU WB ELP3 PI5 L1800 | Emergency lighting 3 hours duration Pro version | 3 h |
| 910925867735 | WT490C 80S/840 PSD WB PI5 L1800 | - | - |
| 910925867740 | WT490C 100S/840 PSD WB PI5 L1800 | - | - |
| 910925867741 | WT490C 120S/840 PSD WB PI5 L1800 | - | - |
| 910925868293 | WT490C 100S/840 PSU WB PI5 L1800 | - | - |
| 910925868294 | WT490C 120S/840 PSU WB PI5 L1800 | - | - |
| 910925867704 | WT490C 42S/840 PSD WB PI5 L1200 | - | - |
| 910925867710 | WT490C 64S/840 PSU WB ELP3 PI5 L1200 | Emergency lighting 3 hours duration Pro version | 3 h |

Approval and Application

| Order Code | Full Product Name | Ambient temperature range |
|--------------|--------------------------------------|---------------------------|
| 910925867734 | WT490C 80S/840 PSU WB ELP3 PI5 L1800 | 0 to +30 °C |
| 910925867735 | WT490C 80S/840 PSD WB PI5 L1800 | -25 to +45 °C |
| 910925867740 | WT490C 100S/840 PSD WB PI5 L1800 | -25 to +45 °C |

| Order Code | Full Product Name | Power Consumption |
|--------------|--------------------------------|-------------------|
| 910925868287 | WT490C 23S/840 PSU WB PI5 L700 | 15.2 W |

| Order Code | Full Product Name | Dimmable |
|--------------|--------------------------------------|----------|
| 910925867723 | WT490C 80S/840 PSU WB ELP3 PI5 L1200 | No |
| 910925867724 | WT490C 80S/840 PSD WB PI5 L1200 | Yes |
| 910925868288 | WT490C 42S/840 PSU WB PI5 L1200 | No |
| 910925868289 | WT490C 64S/840 PSU WB PI5 L1200 | No |
| 910925868412 | WT490C 64S/840 PSD WB PI5 L1600 | Yes |
| 910925868416 | WT490C 80S/840 PSD WB PI5 L1600 | Yes |
| 910925867703 | WT490C 23S/840 PSD WB PI5 L700 | Yes |
| 910925868287 | WT490C 23S/840 PSU WB PI5 L700 | No |

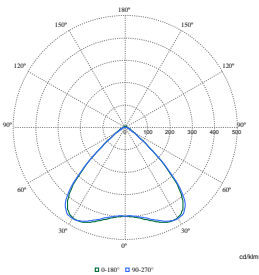
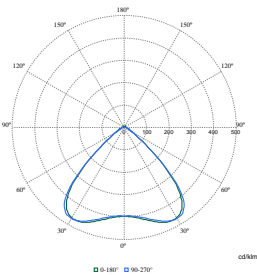
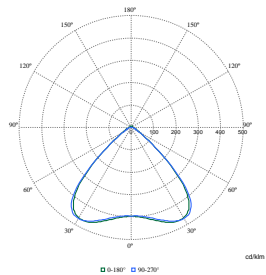
| Order Code | Full Product Name | Emergency lighting | Rated duration of the emergency lighting (when fully charged) |
|--------------|--------------------------------------|---|---|
| 910925867712 | WT490C 64S/840 PSD WB PI5 L1200 | - | - |
| 910925867723 | WT490C 80S/840 PSU WB ELP3 PI5 L1200 | Emergency lighting 3 hours duration Pro version | 3 h |
| 910925867724 | WT490C 80S/840 PSD WB PI5 L1200 | - | - |
| 910925868288 | WT490C 42S/840 PSU WB PI5 L1200 | - | - |
| 910925868289 | WT490C 64S/840 PSU WB PI5 L1200 | - | - |
| 910925868412 | WT490C 64S/840 PSD WB PI5 L1600 | - | - |
| 910925868416 | WT490C 80S/840 PSD WB PI5 L1600 | - | - |
| 910925867703 | WT490C 23S/840 PSD WB PI5 L700 | - | - |
| 910925868287 | WT490C 23S/840 PSU WB PI5 L700 | - | - |

| Order Code | Full Product Name | Ambient temperature range |
|--------------|----------------------------------|---------------------------|
| 910925867741 | WT490C 120S/840 PSD WB PI5 L1800 | -25 to +45 °C |
| 910925868293 | WT490C 100S/840 PSU WB PI5 L1800 | -25 to +45 °C |
| 910925868294 | WT490C 120S/840 PSU WB PI5 L1800 | -25 to +45 °C |
| 910925867704 | WT490C 42S/840 PSD WB PI5 L1200 | -25 to +45 °C |

| Order Code | Full Product Name | Ambient temperature range |
|--------------|--------------------------------------|---------------------------|
| 910925867710 | WT490C 64S/840 PSU WB ELP3 PI5 L1200 | 0 to +40 °C |
| 910925867712 | WT490C 64S/840 PSD WB PI5 L1200 | -25 to +45 °C |
| 910925867723 | WT490C 80S/840 PSU WB ELP3 PI5 L1200 | 0 to +30 °C |
| 910925867724 | WT490C 80S/840 PSD WB PI5 L1200 | -25 to +45 °C |

| Order Code | Full Product Name | Ambient temperature range |
|--------------|---------------------------------|---------------------------|
| 910925868288 | WT490C 42S/840 PSU WB PI5 L1200 | -25 to +45 °C |
| 910925868289 | WT490C 64S/840 PSU WB PI5 L1200 | -25 to +45 °C |
| 910925868412 | WT490C 64S/840 PSD WB PI5 L1600 | -25 to +45 °C |
| 910925868416 | WT490C 80S/840 PSD WB PI5 L1600 | -25 to +45 °C |
| 910925867703 | WT490C 23S/840 PSD WB PI5 L700 | -25 to +45 °C |
| 910925868287 | WT490C 23S/840 PSU WB PI5 L700 | -25 to +45 °C |

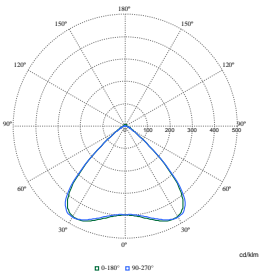
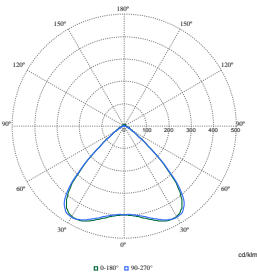
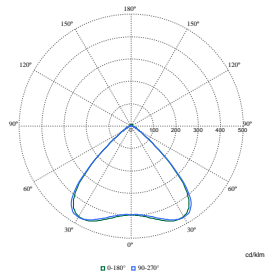
Polar Wide Diagrams



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Polar Normal (separate) - WT490CI - 910925867704

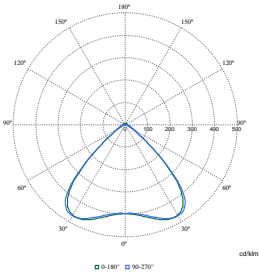
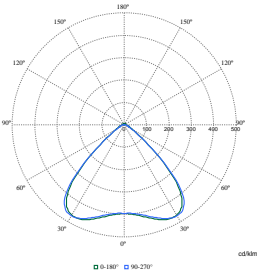
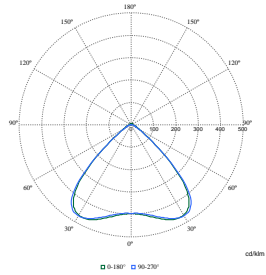
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Polar Normal (separate) - WT490CI - 910925867735

Polar Normal (separate) - WT490CI - 910925867712

Polar Normal (separate) - WT490CI - 910925867724

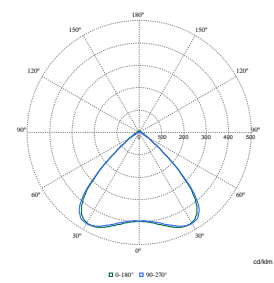


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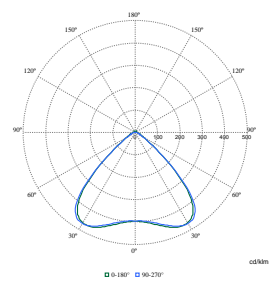
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Polar Normal (separate) - WT490CI - 910925868289

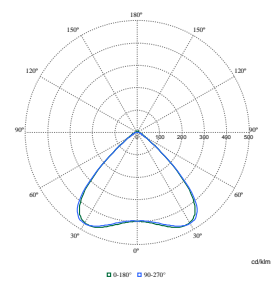
Polar Wide Diagrams



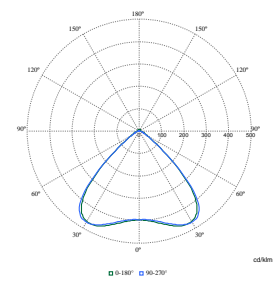
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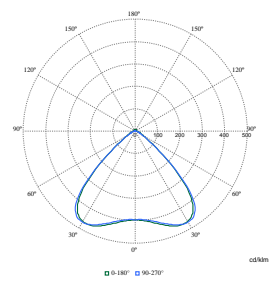
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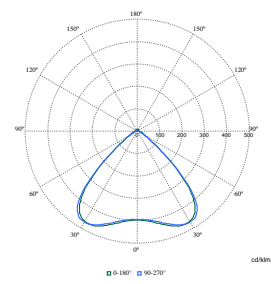
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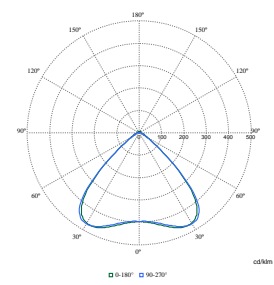
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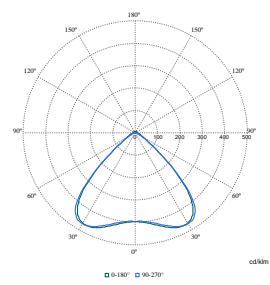
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Polar Normal (separate) - WT490CI - 910925867740



Polar Normal (separate) - WT490CI - 910925868294



Polar Normal (separate) - WT490CI - 910925868293

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