



Robust, connectable luminaire with outstanding performance.

Pacific LED Gen5

The 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 car parks and warehouses. The Pacific LED gen5 luminaires provide superior, artefact-free light quality and homogeneous light, offered with multiple optics and a broad range of light outputs (up to 15,000 lm). 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 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.

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.

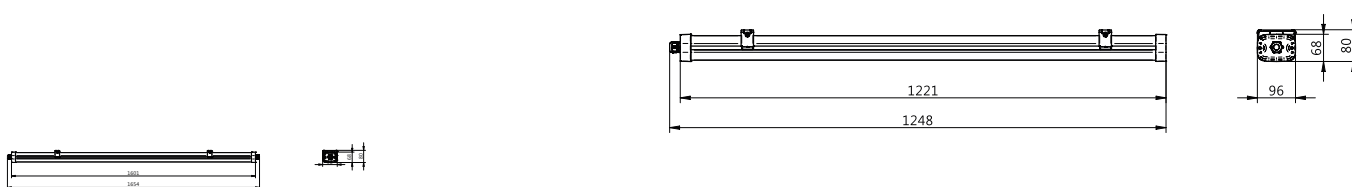
Application

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

Warnings and Safety

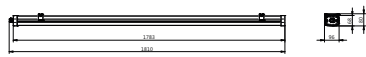
- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Dimensional drawing



Pacific LED Gen5

Dimensional drawing



Product details



Pacific LED gen5 with WAGO connector



Pacific LED gen5 connection through WAGO connector side view



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



Pacific LED gen5 connection through WAGO connector

Pacific LED Gen5

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	
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	Optic type
10989600	WT490C 80S/840 PSU WB ELP3 PI5 L1800	154 lm/W	8,000 lm	Wide beam
10990200	WT490C 80S/840 PSD WB PI5 L1800	165 lm/W	8,000 lm	Wide beam
62357600	WT490C 80S/840 PSU WB PI5 L1800	165 lm/W	8,000 lm	Wide beam
62769700	WT490C 80S/840 PSU WB WA7 CLII L1800	165 lm/W	8,000 lm	Wide beam
10959900	WT490C 42S/840 PSD WB PI5 L1200	162 lm/W	4,200 lm	Wide beam
10965000	WT490C 64S/840 PSU WB ELP3 PI5 L1200	146 lm/W	6,400 lm	Wide beam
10967400	WT490C 64S/840 PSD WB PI5 L1200	162 lm/W	6,400 lm	Wide beam
10978000	WT490C 80S/840 PSU WB ELP3 PI5 L1200	146 lm/W	8,000 lm	Wide beam
10979700	WT490C 80S/840 PSD WB PI5 L1200	157 lm/W	8,000 lm	Wide beam
62353800	WT490C 42S/840 PSU WB PI5 L1200	165 lm/W	4,200 lm	Wide beam
62354500	WT490C 64S/840 PSU WB PI5 L1200	160 lm/W	6,400 lm	Wide beam
62355200	WT490C 80S/840 PSU WB PI5 L1200	157 lm/W	8,000 lm	Wide beam
62754300	WT490C 35S/840 PSU WB WA7 L1200	159 lm/W	3,500 lm	Wide beam
62756700	WT490C 64S/840 PSU O PI5 L1200	155 lm/W	6,200 lm	Opal
62768000	WT490C 64S/840 PSU WB WA7 CLII L1200	160 lm/W	6,400 lm	Wide beam
62475700	WT490C 64S/840 PSD WB PI5 L1600	162 lm/W	6,400 lm	Wide beam
62476400	WT490C 64S/840 PSU WB TW3 PI5L1600	160 lm/W	6,400 lm	Wide beam
62477100	WT490C 64S/840 PSU WB PI5 L1600	160 lm/W	6,400 lm	Wide beam
62478800	WT490C 80S/840 PSU WB PI5 L1600	157 lm/W	8,000 lm	Wide beam
62479500	WT490C 80S/840 PSD WB PI5 L1600	157 lm/W	8,000 lm	Wide beam
62480100	WT490C 80S/840 PSU WB TW3 PI5L1600	157 lm/W	8,000 lm	Wide beam
62481800	WT490C 64S/840 PSD WB WA7 L1600	162 lm/W	6,400 lm	Wide beam
62482500	WT490C 64S/840 PSU WB TW3 WA7L1600	160 lm/W	6,400 lm	Wide beam
62483200	WT490C 64S/840 PSU WB WA7 L1600	160 lm/W	6,400 lm	Wide beam
62484900	WT490C 80S/840 PSU WB WA7 L1600	157 lm/W	8,000 lm	Wide beam
62485600	WT490C 80S/840 PSD WB WA7 L1600	157 lm/W	8,000 lm	Wide beam
62486300	WT490C 80S/840 PSU WB TW3 WA7L1600	157 lm/W	8,000 lm	Wide beam
62753600	WT490C 35S/840 PSU WB PI5 L1600	159 lm/W	3,500 lm	Wide beam
62755000	WT490C 35S/840 PSU WB WA7 L1600	159 lm/W	3,500 lm	Wide beam

Operating and Electrical

		Protection class	Power
Order Code	Full Product Name	IEC	Consumption
10989600	WT490C 80S/840 PSU WB ELP3 PI5 L1800	Safety class I	52 W
10990200	WT490C 80S/840 PSD WB PI5 L1800	Safety class I	48.5 W
62357600	WT490C 80S/840 PSU WB PI5 L1800	Safety class I	48.5 W
62769700	WT490C 80S/840 PSU WB WA7 CLII L1800	Safety class II	51 W
		Protection class	Power
Order Code	Full Product Name	IEC	Consumption
10959900	WT490C 42S/840 PSD WB PI5 L1200	Safety class I	26 W
10965000	WT490C 64S/840 PSU WB ELP3 PI5 L1200	Safety class I	44 W
10967400	WT490C 64S/840 PSD WB PI5 L1200	Safety class I	39.5 W
10978000	WT490C 80S/840 PSU WB ELP3 PI5 L1200	Safety class I	55 W

Pacific LED Gen5

Order Code	Full Product Name	Protection class	Power
		IEC	Consumption
10979700	WT490C 80S/840 PSD WB PI5 L1200	Safety class I	51 W
62353800	WT490C 42S/840 PSU WB PI5 L1200	Safety class I	25.5 W
62354500	WT490C 64S/840 PSU WB PI5 L1200	Safety class I	40 W
62355200	WT490C 80S/840 PSU WB PI5 L1200	Safety class I	51 W
62754300	WT490C 35S/840 PSU WB WA7 L1200	Safety class I	22 W
62756700	WT490C 64S/840 PSU O PI5 L1200	Safety class I	40 W
62768000	WT490C 64S/840 PSU WB WA7 CLII L1200	Safety class II	40 W
62475700	WT490C 64S/840 PSD WB PI5 L1600	Safety class I	39.5 W
62476400	WT490C 64S/840 PSU WB TW3 PI5L1600	Safety class I	40 W
62477100	WT490C 64S/840 PSU WB PI5 L1600	Safety class I	40 W
62478800	WT490C 80S/840 PSU WB PI5 L1600	Safety class I	51 W

Order Code	Full Product Name	Protection class	Power
		IEC	Consumption
62479500	WT490C 80S/840 PSD WB PI5 L1600	Safety class I	51 W
62480100	WT490C 80S/840 PSU WB TW3 PI5L1600	Safety class I	51 W
62481800	WT490C 64S/840 PSD WB WA7 L1600	Safety class I	39.5 W
62482500	WT490C 64S/840 PSU WB TW3 WA7L1600	Safety class I	40 W
62483200	WT490C 64S/840 PSU WB WA7 L1600	Safety class I	40 W
62484900	WT490C 80S/840 PSU WB WA7 L1600	Safety class I	51 W
62485600	WT490C 80S/840 PSD WB WA7 L1600	Safety class I	51 W
62486300	WT490C 80S/840 PSU WB TW3 WA7L1600	Safety class I	51 W
62753600	WT490C 35S/840 PSU WB PI5 L1600	Safety class I	22 W
62755000	WT490C 35S/840 PSU WB WA7 L1600	Safety class I	22 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
10989600	WT490C 80S/840 PSU WB ELP3 PI5 L1800	No
10990200	WT490C 80S/840 PSD WB PI5 L1800	Yes
62357600	WT490C 80S/840 PSU WB PI5 L1800	No
62769700	WT490C 80S/840 PSU WB WA7 CLII L1800	No
10959900	WT490C 42S/840 PSD WB PI5 L1200	Yes
10965000	WT490C 64S/840 PSU WB ELP3 PI5 L1200	No
10967400	WT490C 64S/840 PSD WB PI5 L1200	Yes
10978000	WT490C 80S/840 PSU WB ELP3 PI5 L1200	No
10979700	WT490C 80S/840 PSD WB PI5 L1200	Yes
62353800	WT490C 42S/840 PSU WB PI5 L1200	No
62354500	WT490C 64S/840 PSU WB PI5 L1200	No
62355200	WT490C 80S/840 PSU WB PI5 L1200	No
62754300	WT490C 35S/840 PSU WB WA7 L1200	No
62756700	WT490C 64S/840 PSU O PI5 L1200	No
62768000	WT490C 64S/840 PSU WB WA7 CLII L1200	No

Order Code	Full Product Name	Dimmable
62475700	WT490C 64S/840 PSD WB PI5 L1600	Yes
62476400	WT490C 64S/840 PSU WB TW3 PI5L1600	No
62477100	WT490C 64S/840 PSU WB PI5 L1600	No
62478800	WT490C 80S/840 PSU WB PI5 L1600	No
62479500	WT490C 80S/840 PSD WB PI5 L1600	Yes
62480100	WT490C 80S/840 PSU WB TW3 PI5L1600	No
62481800	WT490C 64S/840 PSD WB WA7 L1600	Yes
62482500	WT490C 64S/840 PSU WB TW3 WA7L1600	No
62483200	WT490C 64S/840 PSU WB WA7 L1600	No
62484900	WT490C 80S/840 PSU WB WA7 L1600	No
62485600	WT490C 80S/840 PSD WB WA7 L1600	Yes
62486300	WT490C 80S/840 PSU WB TW3 WA7L1600	No
62753600	WT490C 35S/840 PSU WB PI5 L1600	No
62755000	WT490C 35S/840 PSU WB WA7 L1600	No

Emergency Operation

Pacific LED Gen5

Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
10989600	WT490C 80S/840 PSU WB ELP3 PI5 L1800	Emergency lighting 3 hours duration Pro version	3 hour(s)
10990200	WT490C 80S/840 PSD WB PI5 L1800	-	-
62357600	WT490C 80S/840 PSU WB PI5 L1800	-	-
62769700	WT490C 80S/840 PSU WB WA7 CLII L1800	-	-
10959900	WT490C 42S/840 PSD WB PI5 L1200	-	-
10965000	WT490C 64S/840 PSU WB ELP3 PI5 L1200	Emergency lighting 3 hours duration Pro version	3 hour(s)
10967400	WT490C 64S/840 PSD WB PI5 L1200	-	-
10978000	WT490C 80S/840 PSU WB ELP3 PI5 L1200	Emergency lighting 3 hours duration Pro version	3 hour(s)
10979700	WT490C 80S/840 PSD WB PI5 L1200	-	-
62353800	WT490C 42S/840 PSU WB PI5 L1200	-	-
62354500	WT490C 64S/840 PSU WB PI5 L1200	-	-
62355200	WT490C 80S/840 PSU WB PI5 L1200	-	-
62754300	WT490C 35S/840 PSU WB WA7 L1200	-	-
62756700	WT490C 64S/840 PSU O PI5 L1200	-	-

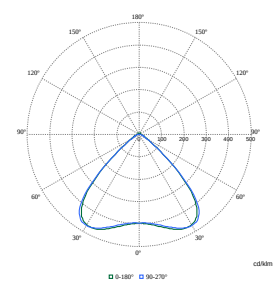
Approval and Application

Order Code	Full Product Name	Ambient temperature range
10989600	WT490C 80S/840 PSU WB ELP3 PI5 L1800	0 to +30 °C
10990200	WT490C 80S/840 PSD WB PI5 L1800	-25 to +45 °C
62357600	WT490C 80S/840 PSU WB PI5 L1800	-25 to +45 °C
62769700	WT490C 80S/840 PSU WB WA7 CLII L1800	-25 to +45 °C
10959900	WT490C 42S/840 PSD WB PI5 L1200	-25 to +45 °C
10965000	WT490C 64S/840 PSU WB ELP3 PI5 L1200	0 to +40 °C
10967400	WT490C 64S/840 PSD WB PI5 L1200	-25 to +45 °C
10978000	WT490C 80S/840 PSU WB ELP3 PI5 L1200	0 to +30 °C
10979700	WT490C 80S/840 PSD WB PI5 L1200	-25 to +45 °C
62353800	WT490C 42S/840 PSU WB PI5 L1200	-25 to +45 °C
62354500	WT490C 64S/840 PSU WB PI5 L1200	-25 to +45 °C
62355200	WT490C 80S/840 PSU WB PI5 L1200	-25 to +45 °C
62754300	WT490C 35S/840 PSU WB WA7 L1200	-25 to +45 °C
62756700	WT490C 64S/840 PSU O PI5 L1200	-25 to +45 °C
62768000	WT490C 64S/840 PSU WB WA7 CLII L1200	-25 to +45 °C

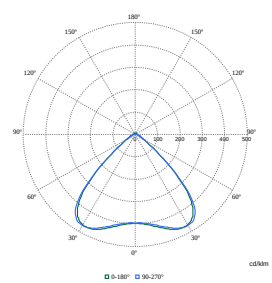
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62768000	WT490C 64S/840 PSU WB WA7 CLII L1200	-	-
62475700	WT490C 64S/840 PSD WB PI5 L1600	-	-
62476400	WT490C 64S/840 PSU WB TW3 PI5L1600	-	-
62477100	WT490C 64S/840 PSU WB PI5 L1600	-	-
62478800	WT490C 80S/840 PSU WB PI5 L1600	-	-
62479500	WT490C 80S/840 PSD WB PI5 L1600	-	-
62480100	WT490C 80S/840 PSU WB TW3 PI5L1600	-	-
62481800	WT490C 64S/840 PSD WB WA7 L1600	-	-
62482500	WT490C 64S/840 PSU WB TW3 WA7L1600	-	-
62483200	WT490C 64S/840 PSU WB WA7 L1600	-	-
62484900	WT490C 80S/840 PSU WB WA7 L1600	-	-
62485600	WT490C 80S/840 PSD WB WA7 L1600	-	-
62486300	WT490C 80S/840 PSU WB TW3 WA7L1600	-	-
62753600	WT490C 35S/840 PSU WB PI5 L1600	-	-
62755000	WT490C 35S/840 PSU WB WA7 L1600	-	-

Order Code	Full Product Name	Ambient temperature range
62475700	WT490C 64S/840 PSD WB PI5 L1600	-25 to +45 °C
62476400	WT490C 64S/840 PSU WB TW3 PI5L1600	-25 to +45 °C
62477100	WT490C 64S/840 PSU WB PI5 L1600	-25 to +45 °C
62478800	WT490C 80S/840 PSU WB PI5 L1600	-25 to +45 °C
62479500	WT490C 80S/840 PSD WB PI5 L1600	-25 to +45 °C
62480100	WT490C 80S/840 PSU WB TW3 PI5L1600	-25 to +45 °C
62481800	WT490C 64S/840 PSD WB WA7 L1600	-25 to +45 °C
62482500	WT490C 64S/840 PSU WB TW3 WA7L1600	-25 to +45 °C
62483200	WT490C 64S/840 PSU WB WA7 L1600	-25 to +45 °C
62484900	WT490C 80S/840 PSU WB WA7 L1600	-25 to +45 °C
62485600	WT490C 80S/840 PSD WB WA7 L1600	-25 to +45 °C
62486300	WT490C 80S/840 PSU WB TW3 WA7L1600	-25 to +45 °C
62753600	WT490C 35S/840 PSU WB PI5 L1600	-25 to +45 °C
62755000	WT490C 35S/840 PSU WB WA7 L1600	-25 to +45 °C

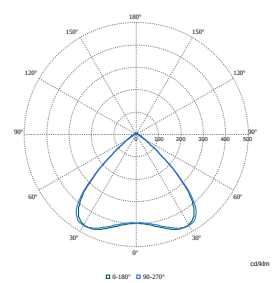
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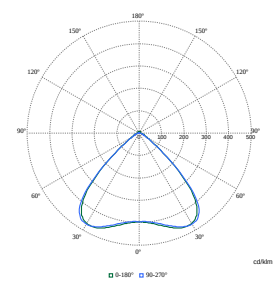
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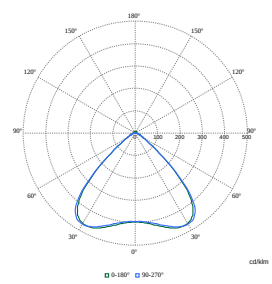
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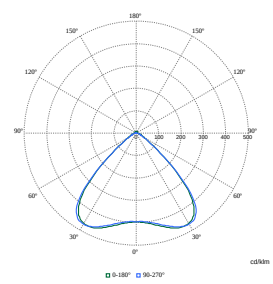
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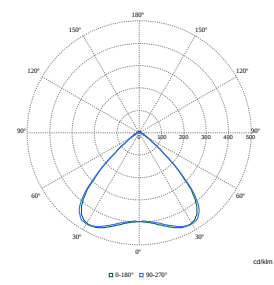
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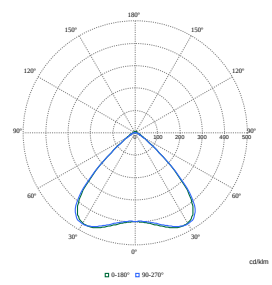
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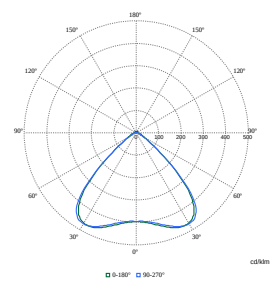
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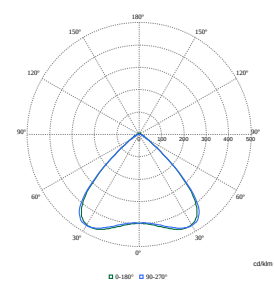


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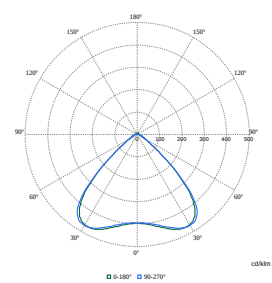


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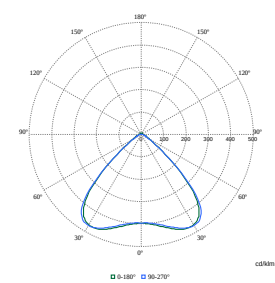
Polar Wide Diagrams



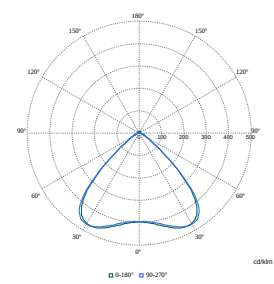
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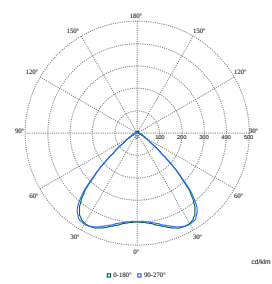
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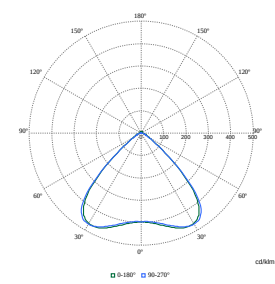
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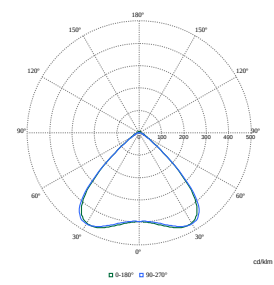
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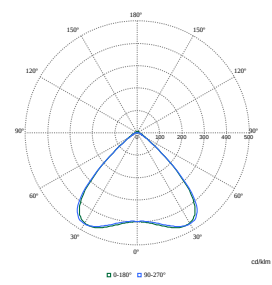
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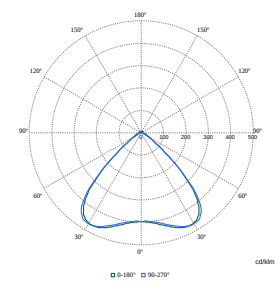
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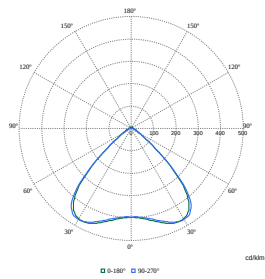


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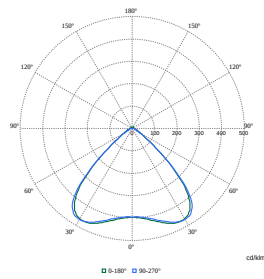


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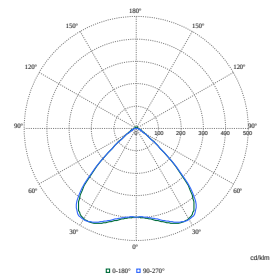
Polar Wide Diagrams



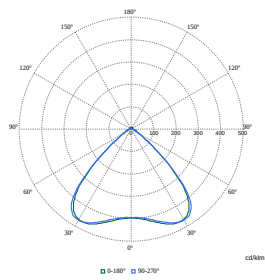
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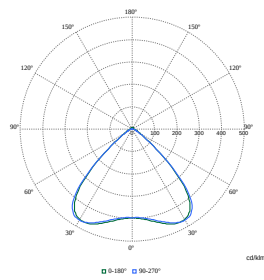
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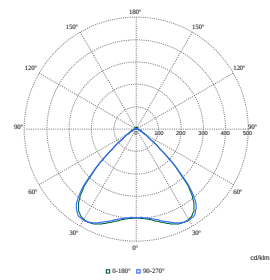
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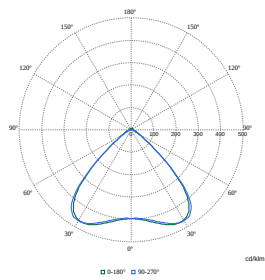
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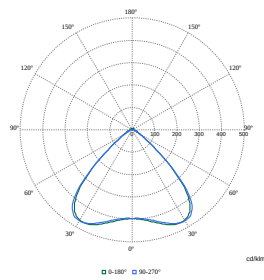
**Polar Normal (separate) - WT490CI -
910925867710**



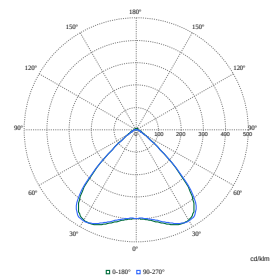
**Polar Normal (separate) - WT490CI -
910925868415**



Polar Normal (separate) - WT490CI - 910925868417

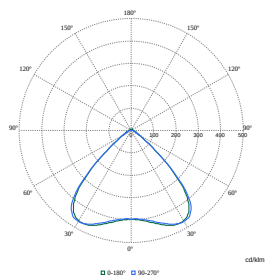


**Polar Normal (separate) - WT490CI -
910925868418**

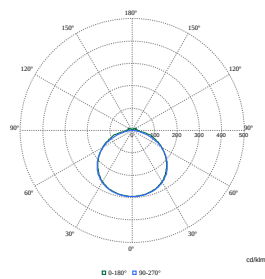


Polar Normal (separate) - WT490CI - 910925868420

Polar Wide Diagrams



Polar Normal (separate) - WT490CI -
910925868421



Polar Normal (separate) - WT490CI -
910925868695

