



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.

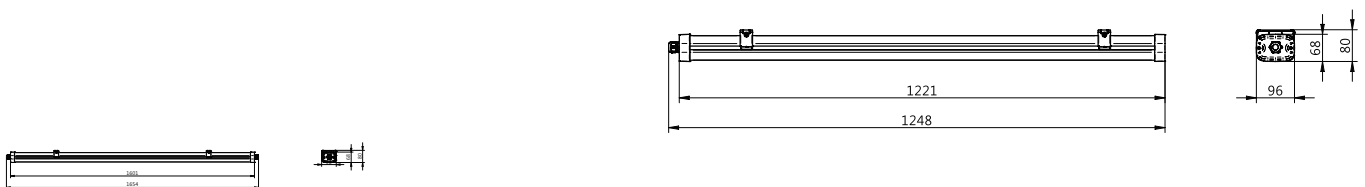
Application

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

Warnings and Safety

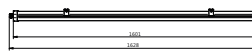
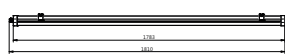
- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP66 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

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
910925867734	WT490C 80S/840 PSU WB ELP3 PI5 L1800	154 lm/W	8,000 lm	Wide beam
910925867735	WT490C 80S/840 PSD WB PI5 L1800	165 lm/W	8,000 lm	Wide beam
910925868292	WT490C 80S/840 PSU WB PI5 L1800	165 lm/W	8,000 lm	Wide beam
910925868709	WT490C 80S/840 PSU WB WA7 CLII L1800	165 lm/W	8,000 lm	Wide beam
910925867704	WT490C 42S/840 PSD WB PI5 L1200	162 lm/W	4,200 lm	Wide beam
910925867710	WT490C 64S/840 PSU WB ELP3 PI5 L1200	146 lm/W	6,400 lm	Wide beam
910925867712	WT490C 64S/840 PSD WB PI5 L1200	162 lm/W	6,400 lm	Wide beam
910925867723	WT490C 80S/840 PSU WB ELP3 PI5 L1200	146 lm/W	8,000 lm	Wide beam
910925867724	WT490C 80S/840 PSD WB PI5 L1200	157 lm/W	8,000 lm	Wide beam
910925868288	WT490C 42S/840 PSU WB PI5 L1200	165 lm/W	4,200 lm	Wide beam
910925868289	WT490C 64S/840 PSU WB PI5 L1200	160 lm/W	6,400 lm	Wide beam
910925868290	WT490C 80S/840 PSU WB PI5 L1200	157 lm/W	8,000 lm	Wide beam
910925868693	WT490C 35S/840 PSU WB WA7 L1200	159 lm/W	3,500 lm	Wide beam
910925868695	WT490C 64S/840 PSU O PI5 L1200	155 lm/W	6,200 lm	Opal
910925868708	WT490C 64S/840 PSU WB WA7 CLII L1200	160 lm/W	6,400 lm	Wide beam
910925868412	WT490C 64S/840 PSD WB PI5 L1600	162 lm/W	6,400 lm	Wide beam
910925868413	WT490C 64S/840 PSU WB TW3 PI5L1600	160 lm/W	6,400 lm	Wide beam
910925868414	WT490C 64S/840 PSU WB PI5 L1600	160 lm/W	6,400 lm	Wide beam
910925868415	WT490C 80S/840 PSU WB PI5 L1600	157 lm/W	8,000 lm	Wide beam
910925868416	WT490C 80S/840 PSD WB PI5 L1600	157 lm/W	8,000 lm	Wide beam
910925868417	WT490C 80S/840 PSU WB TW3 PI5L1600	157 lm/W	8,000 lm	Wide beam
910925868418	WT490C 64S/840 PSD WB WA7 L1600	162 lm/W	6,400 lm	Wide beam
910925868419	WT490C 64S/840 PSU WB TW3 WA7L1600	160 lm/W	6,400 lm	Wide beam
910925868420	WT490C 64S/840 PSU WB WA7 L1600	160 lm/W	6,400 lm	Wide beam
910925868421	WT490C 80S/840 PSU WB WA7 L1600	157 lm/W	8,000 lm	Wide beam
910925868422	WT490C 80S/840 PSD WB WA7 L1600	157 lm/W	8,000 lm	Wide beam
910925868423	WT490C 80S/840 PSU WB TW3 WA7L1600	157 lm/W	8,000 lm	Wide beam
910925868692	WT490C 35S/840 PSU WB PI5 L1600	159 lm/W	3,500 lm	Wide beam
910925868694	WT490C 35S/840 PSU WB WA7 L1600	159 lm/W	3,500 lm	Wide beam

Operating and Electrical

		Protection class	Power			Protection class	Power
Order Code	Full Product Name	IEC	Consumption	Order Code	Full Product Name	IEC	Consumption
910925867734	WT490C 80S/840 PSU WB ELP3 PI5 L1800	Safety class I	52 W	910925868709	WT490C 80S/840 PSU WB WA7 CLII L1800	Safety class II	51 W
910925867735	WT490C 80S/840 PSD WB PI5 L1800	Safety class I	48.5 W	910925867704	WT490C 42S/840 PSD WB PI5 L1200	Safety class I	26 W
910925868292	WT490C 80S/840 PSU WB PI5 L1800	Safety class I	48.5 W	910925867710	WT490C 64S/840 PSU WB ELP3 PI5 L1200	Safety class I	44 W

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Order Code	Full Product Name	Protection class IEC	Power Consumption
910925867712	WT490C 64S/840 PSD WB PI5 L1200	Safety class I	39.5 W
910925867723	WT490C 80S/840 PSU WB ELP3 PI5 L1200	Safety class I	55 W
910925867724	WT490C 80S/840 PSD WB PI5 L1200	Safety class I	51 W
910925868288	WT490C 42S/840 PSU WB PI5 L1200	Safety class I	25.5 W
910925868289	WT490C 64S/840 PSU WB PI5 L1200	Safety class I	40 W
910925868290	WT490C 80S/840 PSU WB PI5 L1200	Safety class I	51 W
910925868693	WT490C 35S/840 PSU WB WA7 L1200	Safety class I	22 W
910925868695	WT490C 64S/840 PSU O PI5 L1200	Safety class I	40 W
910925868708	WT490C 64S/840 PSU WB WA7 CLII L1200	Safety class II	40 W
910925868412	WT490C 64S/840 PSD WB PI5 L1600	Safety class I	39.5 W
910925868413	WT490C 64S/840 PSU WB TW3 PI5L1600	Safety class I	40 W
910925868414	WT490C 64S/840 PSU WB PI5 L1600	Safety class I	40 W

Order Code	Full Product Name	Protection class IEC	Power Consumption
910925868415	WT490C 80S/840 PSU WB PI5 L1600	Safety class I	51 W
910925868416	WT490C 80S/840 PSD WB PI5 L1600	Safety class I	51 W
910925868417	WT490C 80S/840 PSU WB TW3 PI5L1600	Safety class I	51 W
910925868418	WT490C 64S/840 PSD WB WA7 L1600	Safety class I	39.5 W
910925868419	WT490C 64S/840 PSU WB TW3 WA7L1600	Safety class I	40 W
910925868420	WT490C 64S/840 PSU WB WA7 L1600	Safety class I	40 W
910925868421	WT490C 80S/840 PSU WB WA7 L1600	Safety class I	51 W
910925868422	WT490C 80S/840 PSD WB WA7 L1600	Safety class I	51 W
910925868423	WT490C 80S/840 PSU WB TW3 WA7L1600	Safety class I	51 W
910925868692	WT490C 35S/840 PSU WB PI5 L1600	Safety class I	22 W
910925868694	WT490C 35S/840 PSU WB WA7 L1600	Safety class I	22 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
910925868292	WT490C 80S/840 PSU WB PI5 L1800	No
910925868709	WT490C 80S/840 PSU WB WA7 CLII 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
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
910925868290	WT490C 80S/840 PSU WB PI5 L1200	No
910925868693	WT490C 35S/840 PSU WB WA7 L1200	No
910925868695	WT490C 64S/840 PSU O PI5 L1200	No
910925868708	WT490C 64S/840 PSU WB WA7 CLII L1200	No

Order Code	Full Product Name	Dimmable
910925868412	WT490C 64S/840 PSD WB PI5 L1600	Yes
910925868413	WT490C 64S/840 PSU WB TW3 PI5L1600	No
910925868414	WT490C 64S/840 PSU WB PI5 L1600	No
910925868415	WT490C 80S/840 PSU WB PI5 L1600	No
910925868416	WT490C 80S/840 PSD WB PI5 L1600	Yes
910925868417	WT490C 80S/840 PSU WB TW3 PI5L1600	No
910925868418	WT490C 64S/840 PSD WB WA7 L1600	Yes
910925868419	WT490C 64S/840 PSU WB TW3 WA7L1600	No
910925868420	WT490C 64S/840 PSU WB WA7 L1600	No
910925868421	WT490C 80S/840 PSU WB WA7 L1600	No
910925868422	WT490C 80S/840 PSD WB WA7 L1600	Yes
910925868423	WT490C 80S/840 PSU WB TW3 WA7L1600	No
910925868692	WT490C 35S/840 PSU WB PI5 L1600	No
910925868694	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)
910925867734	WT490C 80S/840 PSU WB ELP3 PI5 L1800	Emergency lighting 3 hours duration Pro version	3 hour(s)
910925867735	WT490C 80S/840 PSD WB PI5 L1800	-	-
910925868292	WT490C 80S/840 PSU WB PI5 L1800	-	-
910925868709	WT490C 80S/840 PSU WB WA7 CLII 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 hour(s)
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 hour(s)
910925867724	WT490C 80S/840 PSD WB PI5 L1200	-	-
910925868288	WT490C 42S/840 PSU WB PI5 L1200	-	-
910925868289	WT490C 64S/840 PSU WB PI5 L1200	-	-
910925868290	WT490C 80S/840 PSU WB PI5 L1200	-	-
910925868693	WT490C 35S/840 PSU WB WA7 L1200	-	-

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
910925868292	WT490C 80S/840 PSU WB PI5 L1800	-25 to +45 °C
910925868709	WT490C 80S/840 PSU WB WA7 CLII L1800	-25 to +45 °C
910925867704	WT490C 42S/840 PSD WB PI5 L1200	-25 to +45 °C
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

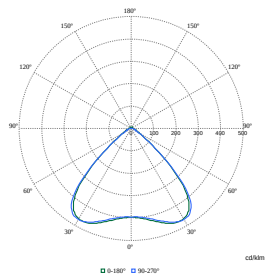
Order Code	Full Product Name	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
910925868695	WT490C 64S/840 PSU O PI5 L1200	-	-
910925868708	WT490C 64S/840 PSU WB WA7 CLII L1200	-	-
910925868412	WT490C 64S/840 PSD WB PI5 L1600	-	-
910925868413	WT490C 64S/840 PSU WB TW3 PI5L1600	-	-
910925868414	WT490C 64S/840 PSU WB PI5 L1600	-	-
910925868415	WT490C 80S/840 PSU WB PI5 L1600	-	-
910925868416	WT490C 80S/840 PSD WB PI5 L1600	-	-
910925868417	WT490C 80S/840 PSU WB TW3 PI5L1600	-	-
910925868418	WT490C 64S/840 PSD WB WA7 L1600	-	-
910925868419	WT490C 64S/840 PSU WB TW3 WA7L1600	-	-
910925868420	WT490C 64S/840 PSU WB WA7 L1600	-	-
910925868421	WT490C 80S/840 PSU WB WA7 L1600	-	-
910925868422	WT490C 80S/840 PSD WB WA7 L1600	-	-
910925868423	WT490C 80S/840 PSU WB TW3 WA7L1600	-	-
910925868692	WT490C 35S/840 PSU WB PI5 L1600	-	-
910925868694	WT490C 35S/840 PSU WB WA7 L1600	-	-

Order Code	Full Product Name	Ambient temperature range
910925867724	WT490C 80S/840 PSD WB PI5 L1200	-25 to +45 °C
910925868288	WT490C 42S/840 PSU WB PI5 L1200	-25 to +45 °C
910925868289	WT490C 64S/840 PSU WB PI5 L1200	-25 to +45 °C
910925868290	WT490C 80S/840 PSU WB PI5 L1200	-25 to +45 °C
910925868693	WT490C 35S/840 PSU WB WA7 L1200	-25 to +45 °C
910925868695	WT490C 64S/840 PSU O PI5 L1200	-25 to +45 °C
910925868708	WT490C 64S/840 PSU WB WA7 CLII L1200	-25 to +45 °C
910925868412	WT490C 64S/840 PSD WB PI5 L1600	-25 to +45 °C
910925868413	WT490C 64S/840 PSU WB TW3 PI5L1600	-25 to +45 °C
910925868414	WT490C 64S/840 PSU WB PI5 L1600	-25 to +45 °C

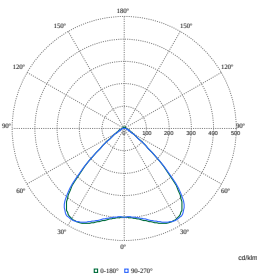
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910925868416	WT490C 80S/840 PSD WB PI5 L1600	-25 to +45 °C
910925868417	WT490C 80S/840 PSU WB TW3 PI5L1600	-25 to +45 °C
910925868418	WT490C 64S/840 PSD WB WA7 L1600	-25 to +45 °C
910925868419	WT490C 64S/840 PSU WB TW3 WA7L1600	-25 to +45 °C

Order Code	Full Product Name	Ambient temperature range
910925868420	WT490C 64S/840 PSU WB WA7 L1600	-25 to +45 °C
910925868421	WT490C 80S/840 PSU WB WA7 L1600	-25 to +45 °C
910925868422	WT490C 80S/840 PSD WB WA7 L1600	-25 to +45 °C
910925868423	WT490C 80S/840 PSU WB TW3 WA7L1600	-25 to +45 °C
910925868692	WT490C 35S/840 PSU WB PI5 L1600	-25 to +45 °C
910925868694	WT490C 35S/840 PSU WB WA7 L1600	-25 to +45 °C

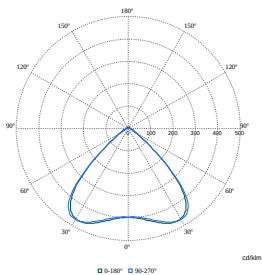
Polar Wide Diagrams



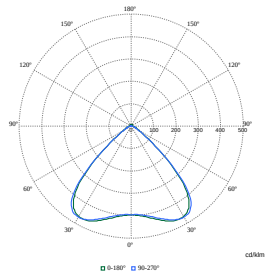
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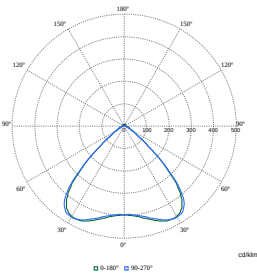
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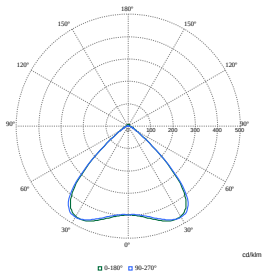
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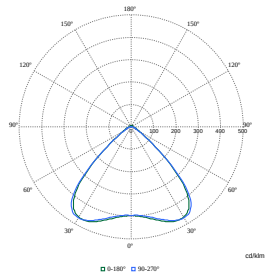
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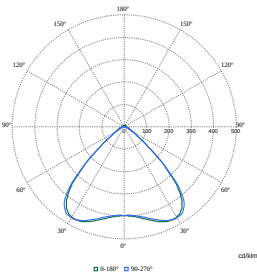
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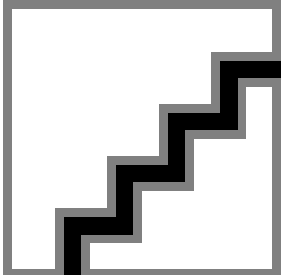
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Polar Normal (separate) - WT490CI - 910925868693

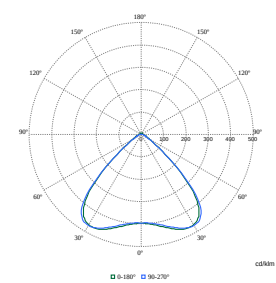


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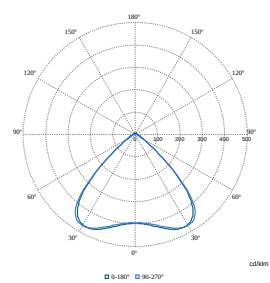


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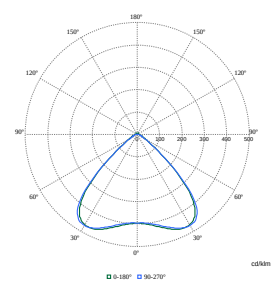
Polar Wide Diagrams



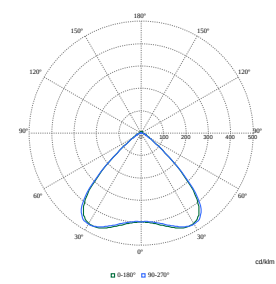
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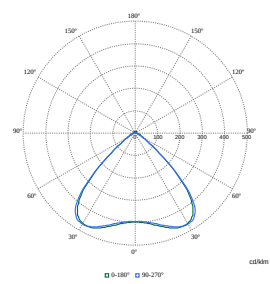
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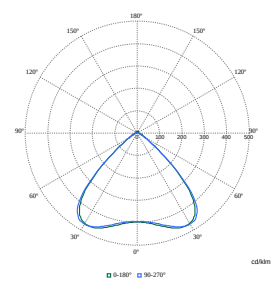
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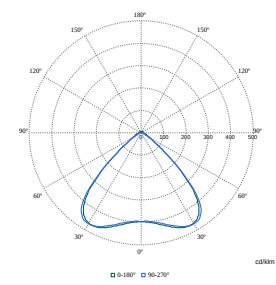
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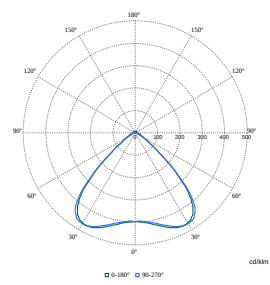
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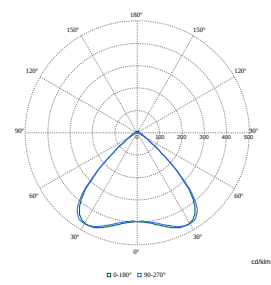
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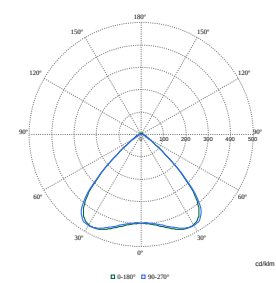


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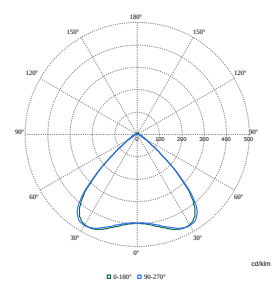


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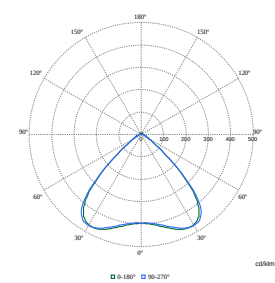
Polar Wide Diagrams



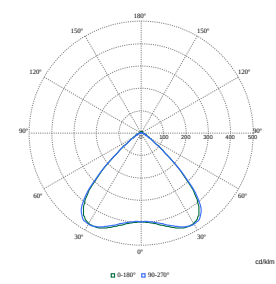
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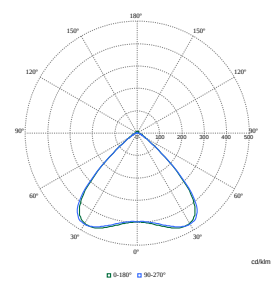
Polar Normal (separate) - WT490CI - 910925868290



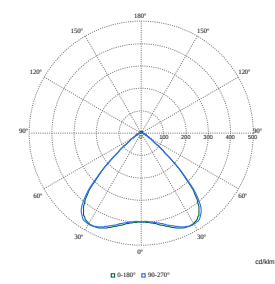
Polar Normal (separate) - WT490CI - 910925868412



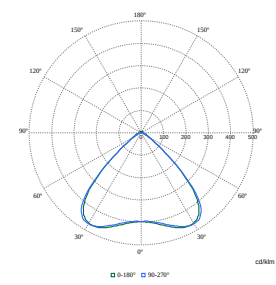
Polar Normal (separate) - WT490CI - 910925868416



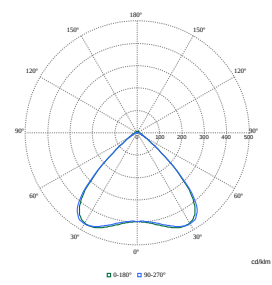
Polar Normal (separate) - WT490CI - 910925867710



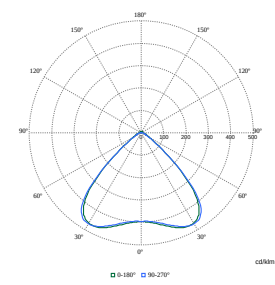
Polar Normal (separate) - WT490CI - 910925868415



Polar Normal (separate) - WT490CI - 910925868417

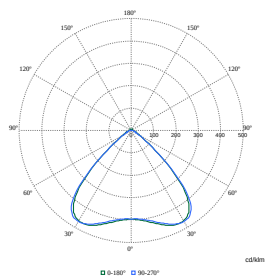


Polar Normal (separate) - WT490CI - 910925868418

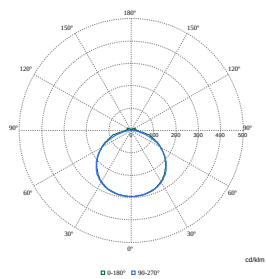


Polar Normal (separate) - WT490CI - 910925868420

Polar Wide Diagrams



Polar Normal (separate) - WT490CI -
910925868421



Polar Normal (separate) - WT490CI -
910925868695

