



A robust, connectable luminaire that gives outstanding performance.

The Pacific LED Gen5 WT490C series 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 WT490C 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 WT490C 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 WT490C even more complete, system integration with Interact Industry opens up additional

opportunities for optimised efficiency, energy savings, improved light management, productivity and safety. Making it future-proof in every way. Discover the Pacific LED Gen5 WT490C series. Optimal performance for demanding environments.

Benefits

- Long service life, offering peace of mind for your lighting installation.
- Suitable for industrial application due to its wide coverage, including food production, heavy and chemical industries, automotive, car parks 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 optimise your operations and maximise energy saving and insights.

Applications

- Food Processing
- Car parks
- Manufacturing
- Warehouses/distribution centres

Versions

Features

- Highly energy efficiency 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 15,000 lumen) and optics choice, combined with high-quality chemically resistant materials.
- A 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 distribution.
- Hassle-free installation and maintenance.
- 3 Hour emergency versions available
- 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, ATEX 2/22, Wieland connector



Pacific LED gen5, L1200

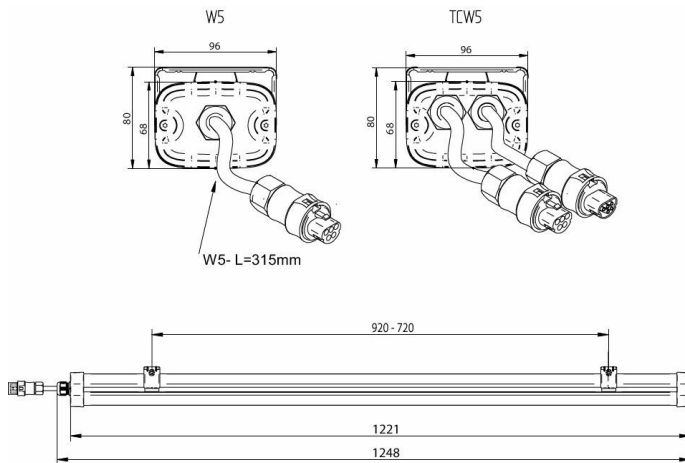


Pacific LED gen5,, L1600

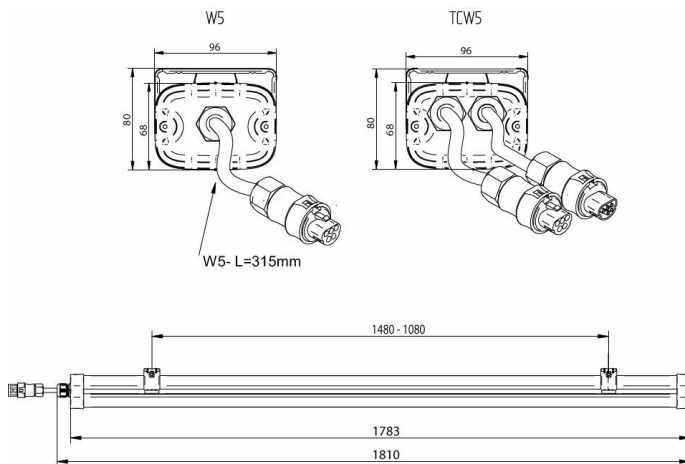


Pacific LED gen5, L700

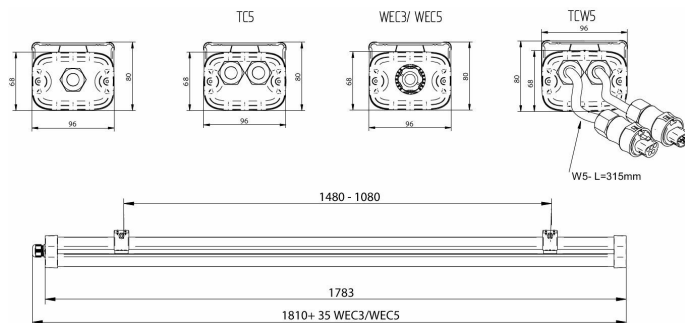
Dimensional drawing



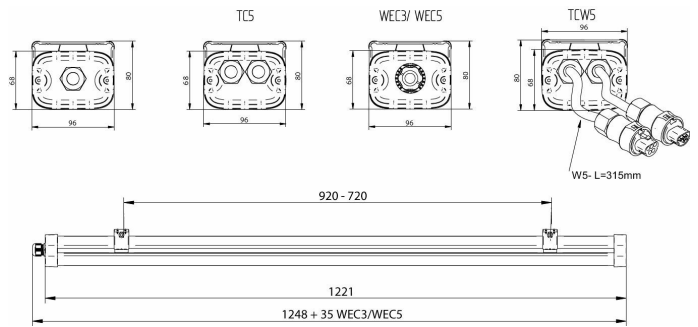
WT492C 64S/840 PSU WB W5 L1200



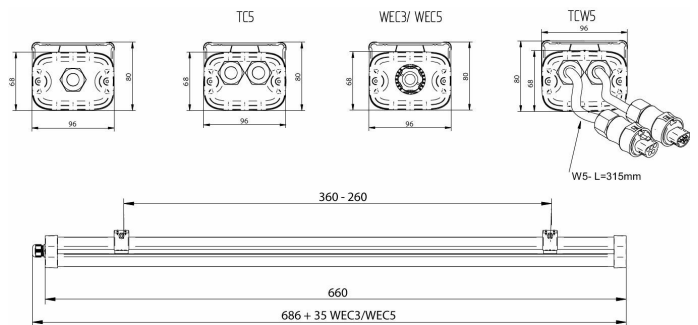
WT492C 80S/840 PSD WB W5 L1800



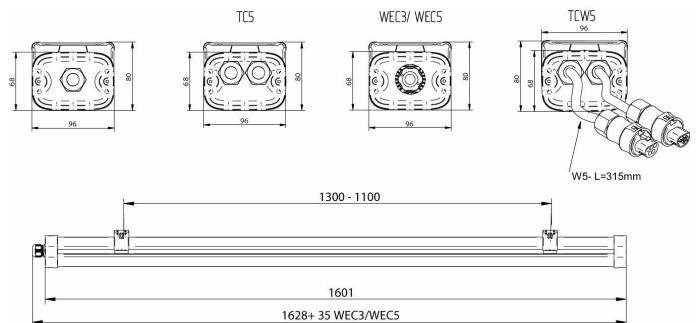
WT490C 120S/840 PSU HE WB PI5 L1800



WT490C 42S/830 PSU HE WB PI5 L1200



WT490C 23S/840 PSU HE WB PI5 L700



WT490C 64S/840 PSD HE WB PI5 L1600

Product details



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



Pacific LED gen5 with Wieland connector

General Information

Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Colour 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 Colour	White
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Explosion hazard class	Zone 2 and 22

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)	1
Stroboscopic effect	0.4
Ambient temperature range	-25 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance +/-7%

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)
910925868292	WT490C 80S/840 PSU HE WB PI5 L1800	8,000 lm	4000 K	165 lm/W
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	10,000 lm	4000 K	161 lm/W
910925868294	WT490C 120S/840 PSU HE WB PI5 L1800	12,000 lm	4000 K	158 lm/W
910925868704	WT492C 64S/840 PSU WB W5 L1200	6,400 lm	4000 K	160 lm/W
910925868705	WT492C 80S/840 PSU WB W5 L1800	8,000 lm	4000 K	165 lm/W
910925868706	WT492C 64S/840 PSD WB W5 L1200	6,400 lm	4000 K	162 lm/W
910925868707	WT492C 80S/840 PSD WB W5 L1800	8,000 lm	4000 K	165 lm/W
910770229590	WT490C 42S/830 PSU HE WB PI5 L1200	4,200 lm	3000 K	157 lm/W
910925867704	WT490C 42S/840 PSD HE WB PI5 L1200	4,200 lm	4000 K	162 lm/W
910925868288	WT490C 42S/840 PSU HE WB PI5 L1200	4,200 lm	4000 K	165 lm/W
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	6,400 lm	4000 K	160 lm/W
910925868290	WT490C 80S/840 PSU HE WB PI5 L1200	8,000 lm	4000 K	157 lm/W
910925868412	WT490C 64S/840 PSD HE WB PI5 L1600	6,400 lm	4000 K	162 lm/W
910925868414	WT490C 64S/840 PSU HE WB PI5 L1600	6,400 lm	4000 K	160 lm/W
910925868415	WT490C 80S/840 PSU HE WB PI5 L1600	8,000 lm	4000 K	157 lm/W
910925868416	WT490C 80S/840 PSD HE WB PI5 L1600	8,000 lm	4000 K	157 lm/W
910925868287	WT490C 23S/840 PSU HE WB PI5 L700	2,300 lm	4000 K	151 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868292	WT490C 80S/840 PSU HE WB PI5 L1800	48.5 W
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	62 W
910925868294	WT490C 120S/840 PSU HE WB PI5 L1800	76 W
910925868704	WT492C 64S/840 PSU WB W5 L1200	40 W
910925868705	WT492C 80S/840 PSU WB W5 L1800	49 W
910925868706	WT492C 64S/840 PSD WB W5 L1200	39.5 W
910925868707	WT492C 80S/840 PSD WB W5 L1800	48.5 W
910770229590	WT490C 42S/830 PSU HE WB PI5 L1200	25.5 W
910925867704	WT490C 42S/840 PSD HE WB PI5 L1200	26 W
910925868288	WT490C 42S/840 PSU HE WB PI5 L1200	25.5 W
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	40 W
910925868290	WT490C 80S/840 PSU HE WB PI5 L1200	51 W
910925868412	WT490C 64S/840 PSD HE WB PI5 L1600	39.5 W
910925868414	WT490C 64S/840 PSU HE WB PI5 L1600	40 W
910925868415	WT490C 80S/840 PSU HE WB PI5 L1600	51 W

Order Code	Full Product Name	Power Consumption
910925868416	WT490C 80S/840 PSD HE WB PI5 L1600	51 W
910925868287	WT490C 23S/840 PSU HE WB PI5 L700	15.2 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910925868292	WT490C 80S/840 PSU HE WB PI5 L1800	No
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	No
910925868294	WT490C 120S/840 PSU HE WB PI5 L1800	No
910925868704	WT492C 64S/840 PSU WB W5 L1200	No
910925868705	WT492C 80S/840 PSU WB W5 L1800	No
910925868706	WT492C 64S/840 PSD WB W5 L1200	Yes
910925868707	WT492C 80S/840 PSD WB W5 L1800	Yes
910770229590	WT490C 42S/830 PSU HE WB PI5 L1200	No
910925867704	WT490C 42S/840 PSD HE WB PI5 L1200	Yes
910925868288	WT490C 42S/840 PSU HE WB PI5 L1200	No
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	No
910925868290	WT490C 80S/840 PSU HE WB PI5 L1200	No
910925868412	WT490C 64S/840 PSD HE WB PI5 L1600	Yes
910925868414	WT490C 64S/840 PSU HE WB PI5 L1600	No
910925868415	WT490C 80S/840 PSU HE WB PI5 L1600	No
910925868416	WT490C 80S/840 PSD HE WB PI5 L1600	Yes
910925868287	WT490C 23S/840 PSU HE WB PI5 L700	No

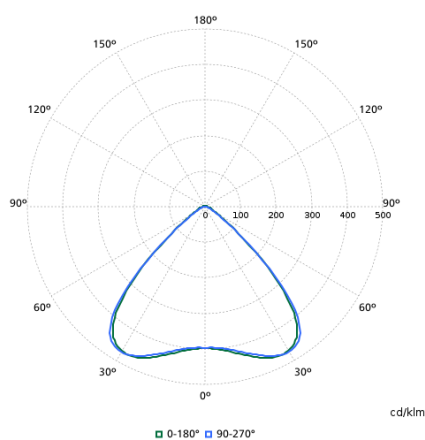
Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910925868292	WT490C 80S/840 PSU HE WB PI5 L1800	(0.38, 0.38) SDCM <3
910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	(0.38, 0.38) SDCM <3
910925868294	WT490C 120S/840 PSU HE WB PI5 L1800	(0.38, 0.38) SDCM <3
910925868704	WT492C 64S/840 PSU WB W5 L1200	(0.38, 0.38) SDCM <3
910925868705	WT492C 80S/840 PSU WB W5 L1800	(0.38, 0.38) SDCM <3
910925868706	WT492C 64S/840 PSD WB W5 L1200	(0.38, 0.38) SDCM <3
910925868707	WT492C 80S/840 PSD WB W5 L1800	(0.38, 0.38) SDCM <3
910770229590	WT490C 42S/830 PSU HE WB PI5 L1200	(0.43, 0.40) SDCM <3
910925867704	WT490C 42S/840 PSD HE WB PI5 L1200	(0.38, 0.38) SDCM <3
910925868288	WT490C 42S/840 PSU HE WB PI5 L1200	(0.38, 0.38) SDCM <3
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	(0.38, 0.38) SDCM <3
910925868290	WT490C 80S/840 PSU HE WB PI5 L1200	(0.38, 0.38) SDCM <3
910925868412	WT490C 64S/840 PSD HE WB PI5 L1600	(0.38, 0.38) SDCM <3
910925868414	WT490C 64S/840 PSU HE WB PI5 L1600	(0.38, 0.38) SDCM <3
910925868415	WT490C 80S/840 PSU HE WB PI5 L1600	(0.38, 0.38) SDCM <3
910925868416	WT490C 80S/840 PSD HE WB PI5 L1600	(0.38, 0.38) SDCM <3
910925868287	WT490C 23S/840 PSU HE WB PI5 L700	(0.38, 0.38) SDCM <3

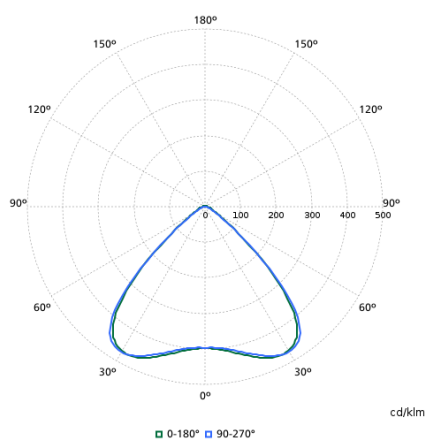
Product Data

Order Code	Full Product Name	Product family code
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910925868293	WT490C 100S/840 PSU HE WB PI5 L1800	WT490C
910925868294	WT490C 120S/840 PSU HE WB PI5 L1800	WT490C
910925868704	WT492C 64S/840 PSU WB W5 L1200	WT492C
910925868705	WT492C 80S/840 PSU WB W5 L1800	WT492C
910925868706	WT492C 64S/840 PSD WB W5 L1200	WT492C
910925868707	WT492C 80S/840 PSD WB W5 L1800	WT492C
910770229590	WT490C 42S/830 PSU HE WB PI5 L1200	WT490C
910925867704	WT490C 42S/840 PSD HE WB PI5 L1200	WT490C
910925868288	WT490C 42S/840 PSU HE WB PI5 L1200	WT490C
910925868289	WT490C 64S/840 PSU HE WB PI5 L1200	WT490C
910925868290	WT490C 80S/840 PSU HE WB PI5 L1200	WT490C
910925868412	WT490C 64S/840 PSD HE WB PI5 L1600	WT490C
910925868414	WT490C 64S/840 PSU HE WB PI5 L1600	WT490C
910925868415	WT490C 80S/840 PSU HE WB PI5 L1600	WT490C
910925868416	WT490C 80S/840 PSD HE WB PI5 L1600	WT490C
910925868287	WT490C 23S/840 PSU HE WB PI5 L700	WT490C

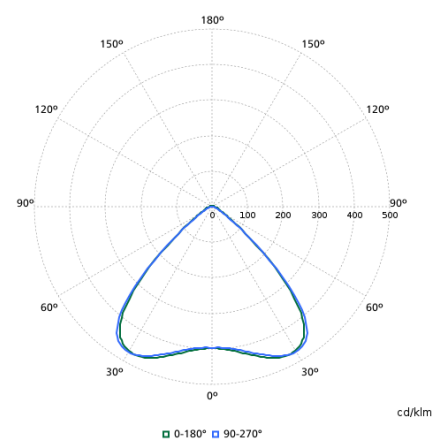
Polar normal diagrams



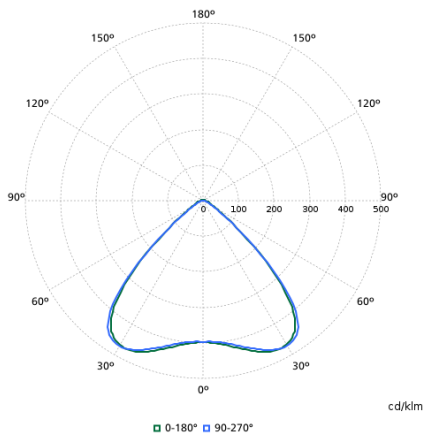
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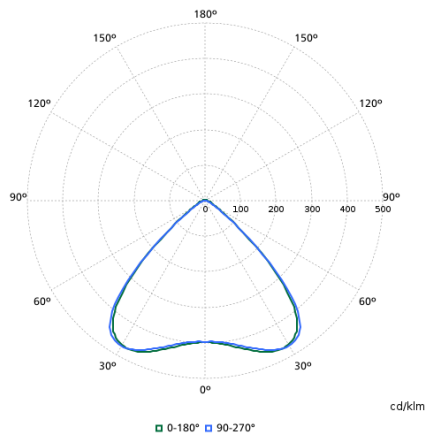
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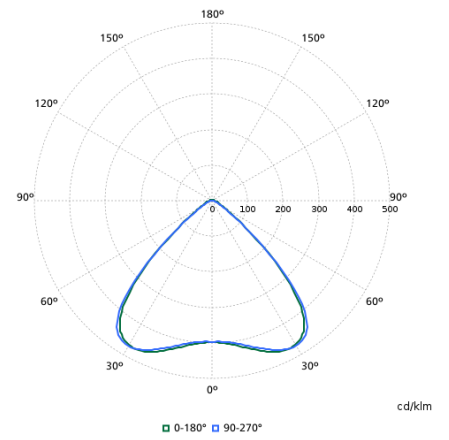
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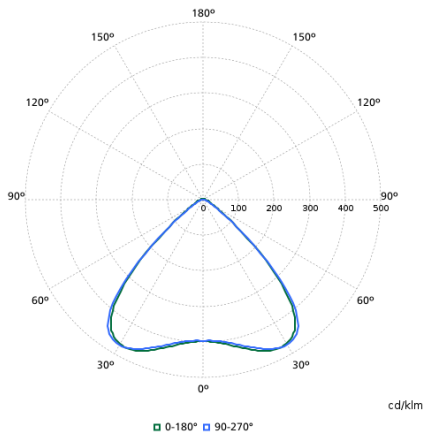
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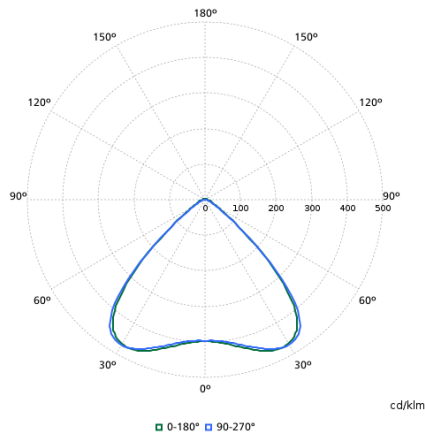
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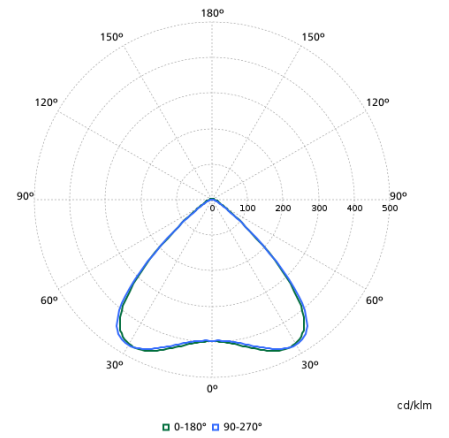
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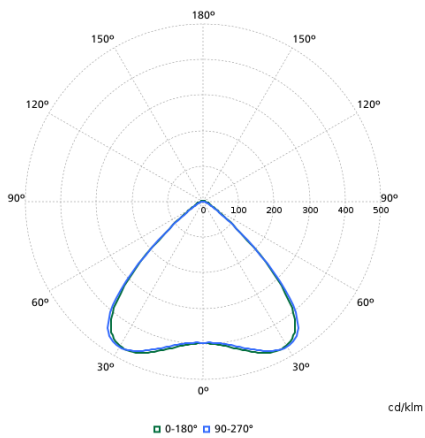
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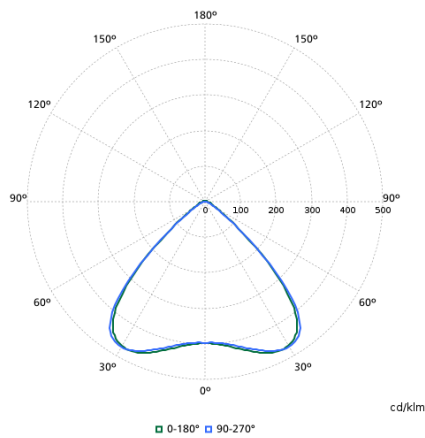
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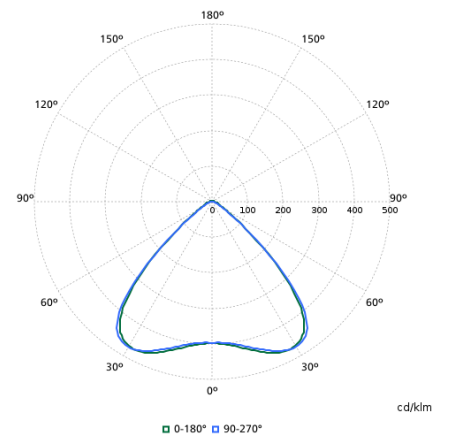
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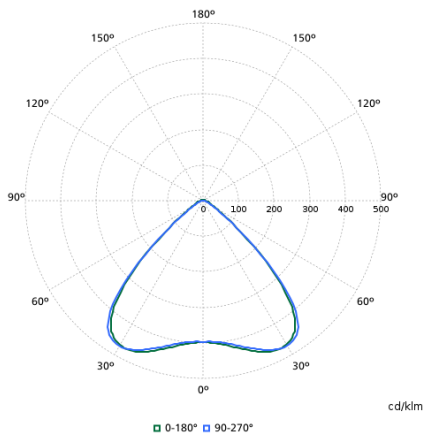
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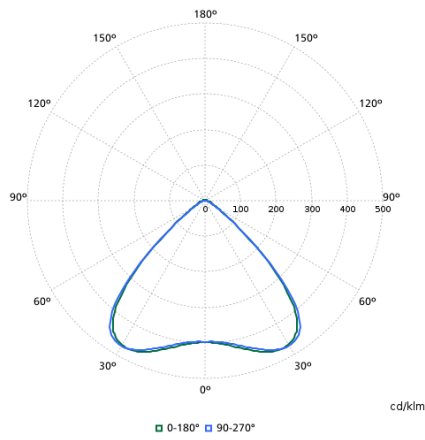
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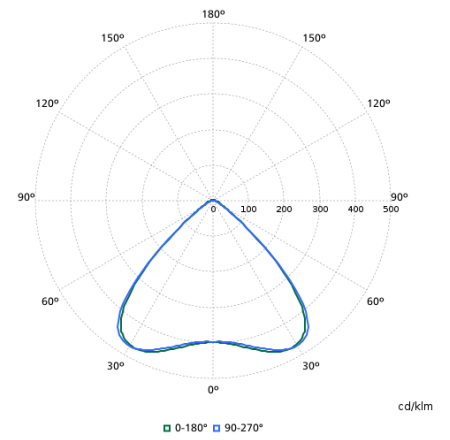
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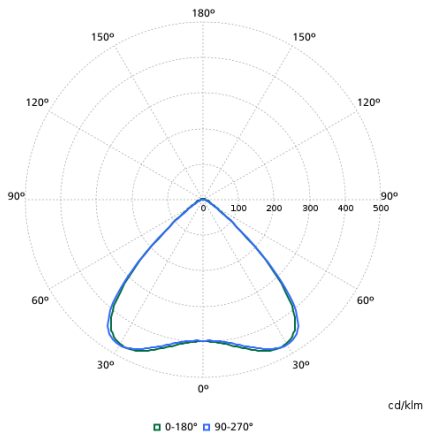
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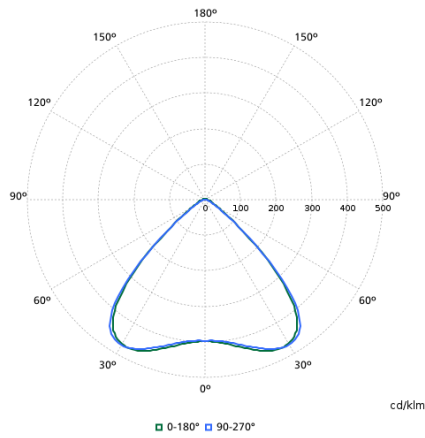
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