

Maxos LED

4MX850



Maxos LED Industry – innovative, flexible solution delivers ideal light output

Customers in the industrial and retail sectors are looking for general lighting solutions with a justifiable payback, while meeting all relevant norms for supermarkets and industry applications. For a limited investment, Maxos LED Industry offers best-in-class energy savings while delivering high lux levels at the required color temperatures and glare factors. The minimalistic Maxos LED Industry system comprises exchangeable mid-power LED boards mounted on a standard Maxos trunking rail. A choice of wide and medium-beam lenses means flexibility in light distribution. Compared with a conventional fluorescent installation, this highly efficient LED solution offers full payback in less than three years. And the benefits keep coming: the use of our upgradable LED engine platform makes Maxos LED Industry a truly future-proof solution.

Benefits

- Substantial energy savings for a limited investment
- Comfortable light, long lifetime
- Compatibility with proven Maxos trunking system

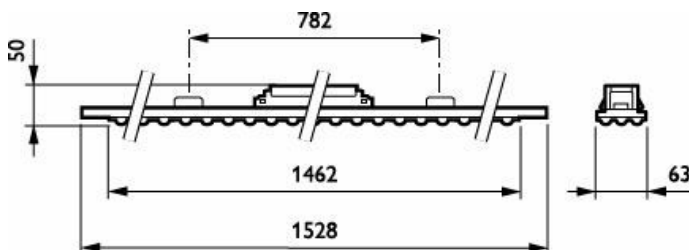
Applications

- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

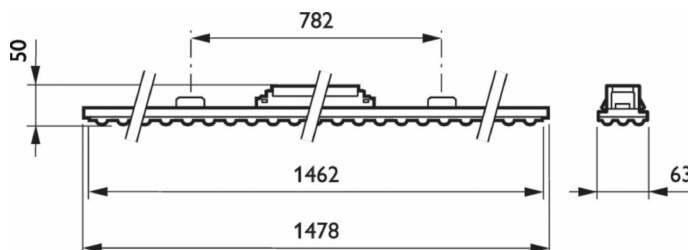
Versions



Dimensional drawing



Maxos Led Industry - 1 unit for TL-D 58 W - LED module, system flux 6600 lm - 840 neutral white - Power supply unit with DALI interface - Narrow beam - White



Maxos Led Industry - 1 unit for TL5 49 W - LED module, system flux 4000 lm - 840 neutral white - Power supply unit with DALI interface - Double asymmetric optic 20° - Silver

Product details



IPDP_4MX850i_0001-Detail photo



IPDP_4MX850i_0003-Detail photo



IPDP_4MX850i_0005-Detail photo

General Information	
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
Operating and Electrical	
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%

Mechanical and Housing

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polymethyl methacrylate bowl/cover

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Product Data

Product family code	4MX850 [Maxos Led Industry]
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General Information

Order Code	Full Product Name	Lamp family code
08008299	4MX850 491 LED80S/840 PSD WB SI	LED80S
67281399	4MX850 491 LED80S/840 PSD NB WH	LED80S
67282099	4MX850 491 LED80S/840 PSD WB WH	LED80S
66127599	4MX850 491 LED55S/830 PSD WB SI	LED55S
66128299	4MX850 491 LED55S/840 PSD WB SI	LED55S
66131299	4MX850 581 LED55S/830 PSD WB SI	LED55S
66132999	4MX850 581 LED55S/840 PSD WB SI	LED55S
66173299	4MX850 491 LED40S/840 PSD NB SI	LED40S
66174999	4MX850 491 LED40S/830 PSD WB SI	LED40S
66175699	4MX850 491 LED40S/840 PSD WB SI	LED40S
66180099	4MX850 581 LED40S/830 PSD WB SI	LED40S
66178799	4MX850 581 LED40S/840 PSD WB SI	LED40S
66273999	4MX850 491 LED40S/830 PSD DA20 SI	LED40S
66274699	4MX850 491 LED40S/840 PSD DA20 SI	LED40S
87641199	4MX850 581 LED80S/840 PSD NB WH	LED80S
87643599	4MX850 581 LED80S/840 PSD WB WH	LED80S
66118399	4MX850 491 LED55S/840 PSD NB WH	LED55S
66119099	4MX850 491 LED55S/830 PSD WB WH	LED55S
66120699	4MX850 491 LED55S/840 PSD WB WH	LED55S

Order Code	Full Product Name	Lamp family code
66124499	4MX850 581 LED55S/840 PSD WB WH	LED55S
66166499	4MX850 491 LED40S/840 PSD NB WH	LED40S
66167199	4MX850 491 LED40S/830 PSD WB WH	LED40S
66168899	4MX850 491 LED40S/840 PSD WB WH	LED40S
66170199	4MX850 581 LED40S/840 PSD NB WH	LED40S
66171899	4MX850 581 LED40S/840 PSD WB WH	LED40S
66262399	4MX850 491 LED55S/840 PSD DA20 WH	LED55S
66269299	4MX850 491 LED40S/830 PSD DA20 WH	LED40S
66272299	4MX850 581 LED40S/840 PSD DA20 WH	LED40S
66601099	4MX850 491 LED66S/840 PSD DA20 WH	LED66S
66602799	4MX850 491 LED66S/840 PSD WB WH	LED66S
66603499	4MX850 491 LED66S/840 PSD NB WH	LED66S
66693599	4MX850 491 LED66S/830 PSD WB WH	LED66S
66695999	4MX850 581 LED66S/840 PSD WB WH	LED66S
66696699	4MX850 581 LED66S/840 PSD NB WH	LED66S
66770399	4MX850 491 LED66S/840 PSD A20 WH	LED66S

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Optic type
08008299	4MX850 491 LED80S/840 PSD WB SI	8,000 lm	4000 K	166 lm/W	Wide beam
67281399	4MX850 491 LED80S/840 PSD NB WH	8,000 lm	4000 K	166 lm/W	Narrow beam
67282099	4MX850 491 LED80S/840 PSD WB WH	8,000 lm	4000 K	166 lm/W	Wide beam
66127599	4MX850 491 LED55S/830 PSD WB SI	5,500 lm	3000 K	169 lm/W	Wide beam
66128299	4MX850 491 LED55S/840 PSD WB SI	5,500 lm	4000 K	169 lm/W	Wide beam
66131299	4MX850 581 LED55S/830 PSD WB SI	5,500 lm	3000 K	169 lm/W	Wide beam
66132999	4MX850 581 LED55S/840 PSD WB SI	5,500 lm	4000 K	169 lm/W	Wide beam
66173299	4MX850 491 LED40S/840 PSD NB SI	4,000 lm	4000 K	166 lm/W	Narrow beam
66174999	4MX850 491 LED40S/830 PSD WB SI	4,000 lm	3000 K	166 lm/W	Wide beam
66175699	4MX850 491 LED40S/840 PSD WB SI	4,000 lm	4000 K	166 lm/W	Wide beam
66180099	4MX850 581 LED40S/830 PSD WB SI	4,000 lm	3000 K	166 lm/W	Wide beam
66178799	4MX850 581 LED40S/840 PSD WB SI	4,000 lm	4000 K	166 lm/W	Wide beam
66273999	4MX850 491 LED40S/830 PSD DA20 SI	4,000 lm	3000 K	166 lm/W	Double asymmetric optic 20°
66274699	4MX850 491 LED40S/840 PSD DA20 SI	4,000 lm	4000 K	166 lm/W	Double asymmetric optic 20°
87641199	4MX850 581 LED80S/840 PSD NB WH	8,000 lm	4000 K	166 lm/W	Narrow beam
87643599	4MX850 581 LED80S/840 PSD WB WH	8,000 lm	4000 K	166 lm/W	Wide beam
66118399	4MX850 491 LED55S/840 PSD NB WH	5,500 lm	4000 K	169 lm/W	Narrow beam
66119099	4MX850 491 LED55S/830 PSD WB WH	5,500 lm	3000 K	169 lm/W	Wide beam
66120699	4MX850 491 LED55S/840 PSD WB WH	5,500 lm	4000 K	169 lm/W	Wide beam
66124499	4MX850 581 LED55S/840 PSD WB WH	5,500 lm	4000 K	169 lm/W	Wide beam
66166499	4MX850 491 LED40S/840 PSD NB WH	4,000 lm	4000 K	166 lm/W	Narrow beam

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Optic type
66167199	4MX850 491 LED40S/830 PSD WB WH	4,000 lm	3000 K	166 lm/W	Wide beam
66168899	4MX850 491 LED40S/840 PSD WB WH	4,000 lm	4000 K	166 lm/W	Wide beam
66170199	4MX850 581 LED40S/840 PSD NB WH	4,000 lm	4000 K	166 lm/W	Narrow beam
66171899	4MX850 581 LED40S/840 PSD WB WH	4,000 lm	4000 K	166 lm/W	Wide beam
66262399	4MX850 491 LED55S/840 PSD DA20 WH	5,500 lm	4000 K	169 lm/W	Double asymmetric optic 20°
66269299	4MX850 491 LED40S/830 PSD DA20 WH	4,000 lm	3000 K	166 lm/W	Double asymmetric optic 20°
66272299	4MX850 581 LED40S/840 PSD DA20 WH	4,000 lm	4000 K	166 lm/W	Double asymmetric optic 20°
66601099	4MX850 491 LED66S/840 PSD DA20 WH	6,600 lm	4000 K	166 lm/W	Double asymmetric optic 20°
66602799	4MX850 491 LED66S/840 PSD WB WH	6,600 lm	4000 K	166 lm/W	Wide beam
66603499	4MX850 491 LED66S/840 PSD NB WH	6,600 lm	4000 K	166 lm/W	Narrow beam
66693599	4MX850 491 LED66S/830 PSD WB WH	6,600 lm	3000 K	166 lm/W	Wide beam
66695999	4MX850 581 LED66S/840 PSD WB WH	6,600 lm	4000 K	166 lm/W	Wide beam
66696699	4MX850 581 LED66S/840 PSD NB WH	6,600 lm	4000 K	166 lm/W	Narrow beam
66770399	4MX850 491 LED66S/840 PSD A20 WH	6,600 lm	4000 K	166 lm/W	Asymmetrical mirror axis angle 20°

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
08008299	4MX850 491 LED80S/840 PSD WB SI	220 to 240 V	48 W
67281399	4MX850 491 LED80S/840 PSD NB WH	220-240 V	48 W
67282099	4MX850 491 LED80S/840 PSD WB WH	220-240 V	48 W
66127599	4MX850 491 LED55S/830 PSD WB SI	220-240 V	32.5 W
66128299	4MX850 491 LED55S/840 PSD WB SI	220-240 V	32.5 W
66131299	4MX850 581 LED55S/830 PSD WB SI	220-240 V	32.5 W
66132999	4MX850 581 LED55S/840 PSD WB SI	220-240 V	32.5 W
66173299	4MX850 491 LED40S/840 PSD NB SI	220-240 V	24 W
66174999	4MX850 491 LED40S/830 PSD WB SI	220-240 V	24 W
66175699	4MX850 491 LED40S/840 PSD WB SI	220-240 V	24 W
66180099	4MX850 581 LED40S/830 PSD WB SI	220-240 V	24 W
66178799	4MX850 581 LED40S/840 PSD WB SI	220-240 V	24 W
66273999	4MX850 491 LED40S/830 PSD DA20 SI	220-240 V	24 W
66274699	4MX850 491 LED40S/840 PSD DA20 SI	220-240 V	24 W
87641199	4MX850 581 LED80S/840 PSD NB WH	220-240 V	48 W
87643599	4MX850 581 LED80S/840 PSD WB WH	220-240 V	48 W
66118399	4MX850 491 LED55S/840 PSD NB WH	220-240 V	32.5 W
66119099	4MX850 491 LED55S/830 PSD WB WH	220-240 V	32.5 W
66120699	4MX850 491 LED55S/840 PSD WB WH	220-240 V	32.5 W
66124499	4MX850 581 LED55S/840 PSD WB WH	220-240 V	32.5 W
66166499	4MX850 491 LED40S/840 PSD NB WH	220-240 V	24 W
66167199	4MX850 491 LED40S/830 PSD WB WH	220-240 V	24 W
66168899	4MX850 491 LED40S/840 PSD WB WH	220-240 V	24 W

Order Code	Full Product Name	Input Voltage	Power Consumption
66170199	4MX850 581 LED40S/840 PSD NB WH	220-240 V	24 W
66171899	4MX850 581 LED40S/840 PSD WB WH	220-240 V	24 W
66262399	4MX850 491 LED55S/840 PSD DA20 WH	220-240 V	32.5 W
66269299	4MX850 491 LED40S/830 PSD DA20 WH	220-240 V	24 W
66272299	4MX850 581 LED40S/840 PSD DA20 WH	220-240 V	24 W
66601099	4MX850 491 LED66S/840 PSD DA20 WH	220-240 V	39 W
66602799	4MX850 491 LED66S/840 PSD WB WH	220-240 V	39 W
66603499	4MX850 491 LED66S/840 PSD NB WH	220-240 V	39 W
66693599	4MX850 491 LED66S/830 PSD WB WH	220-240 V	39 W
66695999	4MX850 581 LED66S/840 PSD WB WH	220-240 V	39 W
66696699	4MX850 581 LED66S/840 PSD NB WH	220-240 V	39 W
66770399	4MX850 491 LED66S/840 PSD A20 WH	220-240 V	39 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
08008299	4MX850 491 LED80S/840 PSD WB SI	Silver
67281399	4MX850 491 LED80S/840 PSD NB WH	White
67282099	4MX850 491 LED80S/840 PSD WB WH	White
66127599	4MX850 491 LED55S/830 PSD WB SI	Silver
66128299	4MX850 491 LED55S/840 PSD WB SI	Silver
66131299	4MX850 581 LED55S/830 PSD WB SI	Silver
66132999	4MX850 581 LED55S/840 PSD WB SI	Silver
66173299	4MX850 491 LED40S/840 PSD NB SI	Silver
66174999	4MX850 491 LED40S/830 PSD WB SI	Silver
66175699	4MX850 491 LED40S/840 PSD WB SI	Silver
66180099	4MX850 581 LED40S/830 PSD WB SI	Silver
66178799	4MX850 581 LED40S/840 PSD WB SI	Silver
66273999	4MX850 491 LED40S/830 PSD DA20 SI	Silver
66274699	4MX850 491 LED40S/840 PSD DA20 SI	Silver
87641199	4MX850 581 LED80S/840 PSD NB WH	White
87643599	4MX850 581 LED80S/840 PSD WB WH	White
66118399	4MX850 491 LED55S/840 PSD NB WH	White
66119099	4MX850 491 LED55S/830 PSD WB WH	White
66120699	4MX850 491 LED55S/840 PSD WB WH	White
66124499	4MX850 581 LED55S/840 PSD WB WH	White
66166499	4MX850 491 LED40S/840 PSD NB WH	White
66167199	4MX850 491 LED40S/830 PSD WB WH	White
66168899	4MX850 491 LED40S/840 PSD WB WH	White
66170199	4MX850 581 LED40S/840 PSD NB WH	White
66171899	4MX850 581 LED40S/840 PSD WB WH	White
66262399	4MX850 491 LED55S/840 PSD DA20 WH	White
66269299	4MX850 491 LED40S/830 PSD DA20 WH	White

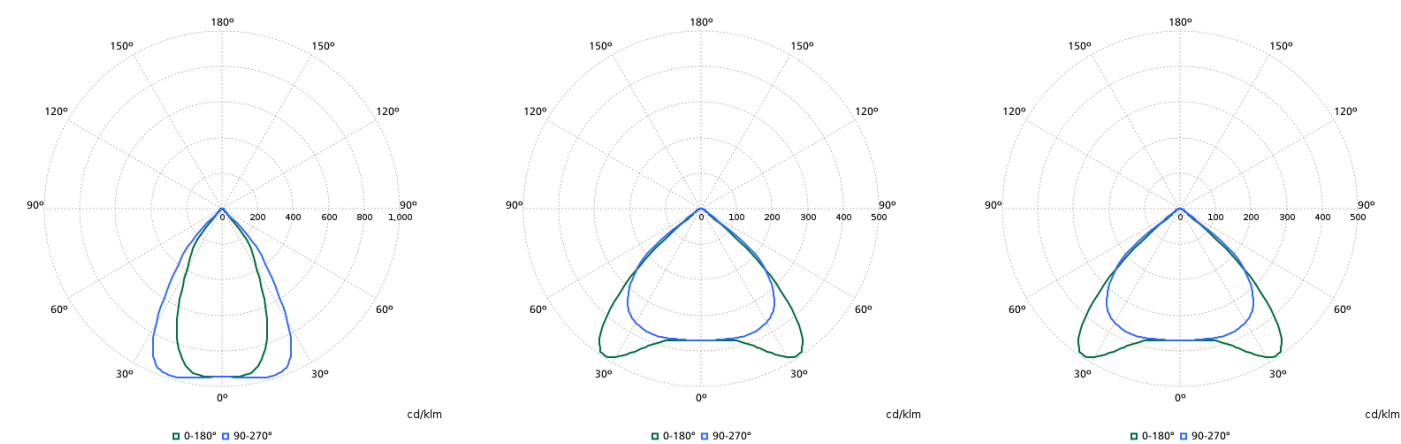
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66272299	4MX850 581 LED40S/840 PSD DA20 WH	White
66601099	4MX850 491 LED66S/840 PSD DA20 WH	White
66602799	4MX850 491 LED66S/840 PSD WB WH	White
66603499	4MX850 491 LED66S/840 PSD NB WH	White
66693599	4MX850 491 LED66S/830 PSD WB WH	White
66695999	4MX850 581 LED66S/840 PSD WB WH	White
66696699	4MX850 581 LED66S/840 PSD NB WH	White
66770399	4MX850 491 LED66S/840 PSD A20 WH	White

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
08008299	4MX850 491 LED80S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
67281399	4MX850 491 LED80S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
67282099	4MX850 491 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66127599	4MX850 491 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66128299	4MX850 491 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66131299	4MX850 581 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66132999	4MX850 581 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66173299	4MX850 491 LED40S/840 PSD NB SI	(0.38, 0.38) SDCM <3.5
66174999	4MX850 491 LED40S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66175699	4MX850 491 LED40S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66180099	4MX850 581 LED40S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66178799	4MX850 581 LED40S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66273999	4MX850 491 LED40S/830 PSD DA20 SI	(0.43, 0.40) SDCM <3.5
66274699	4MX850 491 LED40S/840 PSD DA20 SI	(0.38, 0.38) SDCM <3.5
87641199	4MX850 581 LED80S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
87643599	4MX850 581 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66118399	4MX850 491 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66119099	4MX850 491 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66120699	4MX850 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66124499	4MX850 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66166499	4MX850 491 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66167199	4MX850 491 LED40S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66168899	4MX850 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66170199	4MX850 581 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66171899	4MX850 581 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66262399	4MX850 491 LED55S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66269299	4MX850 491 LED40S/830 PSD DA20 WH	(0.43, 0.40) SDCM <3.5
66272299	4MX850 581 LED40S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66601099	4MX850 491 LED66S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66602799	4MX850 491 LED66S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66603499	4MX850 491 LED66S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66693599	4MX850 491 LED66S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
66695999	4MX850 581 LED66S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66696699	4MX850 581 LED66S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66770399	4MX850 491 LED66S/840 PSD A20 WH	(0.38, 0.38) SDCM <3.5

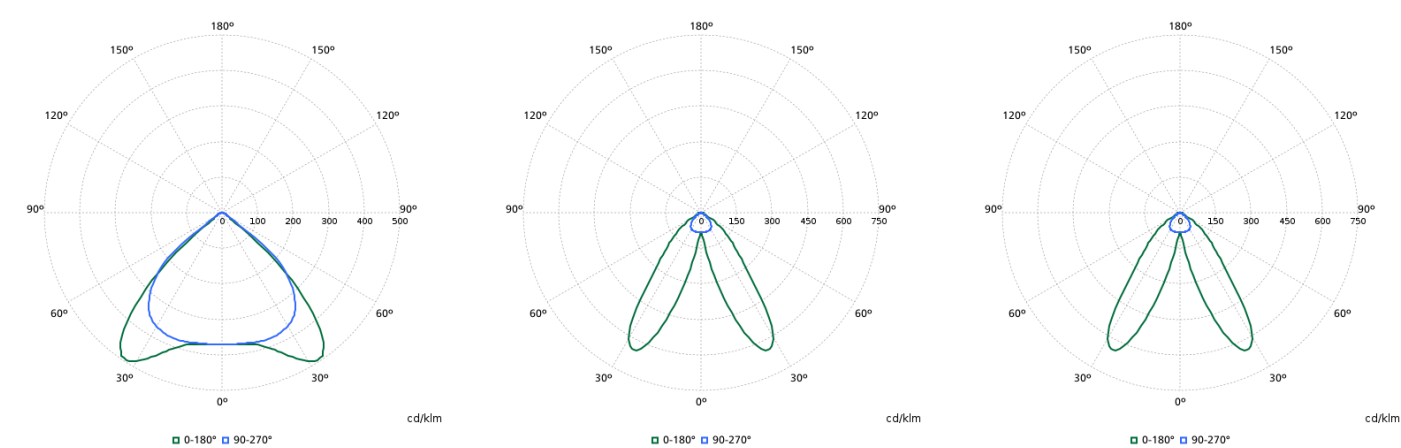
Polar normal diagrams



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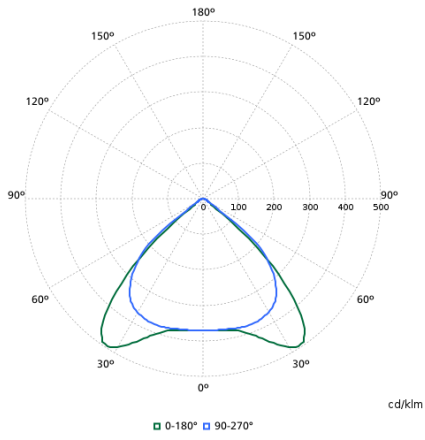
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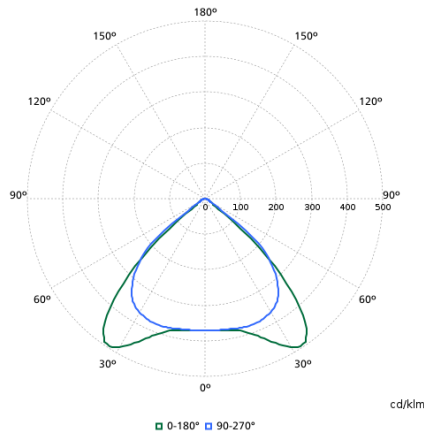
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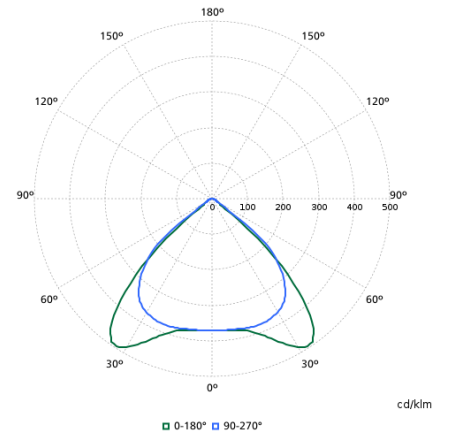
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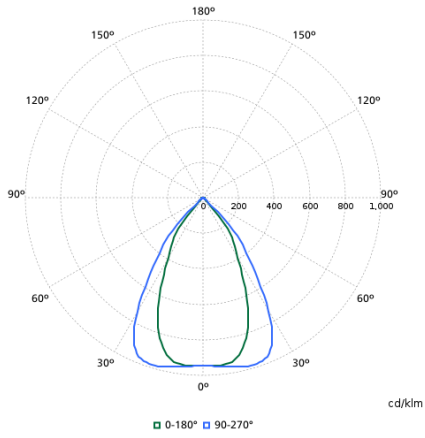
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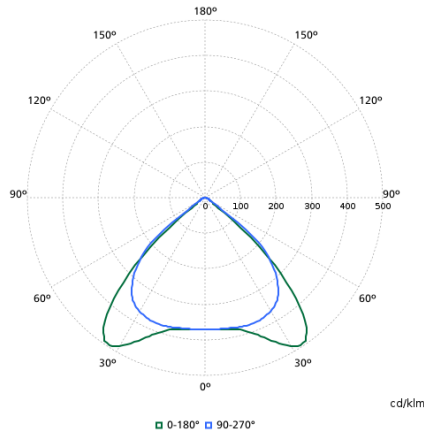
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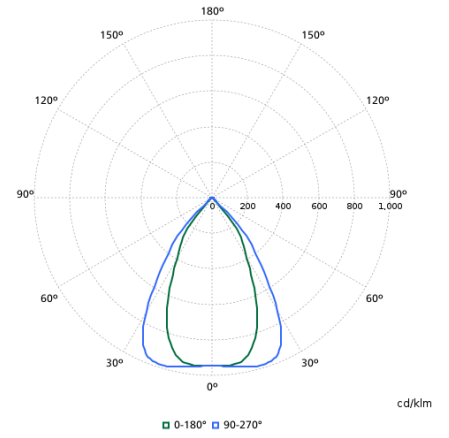
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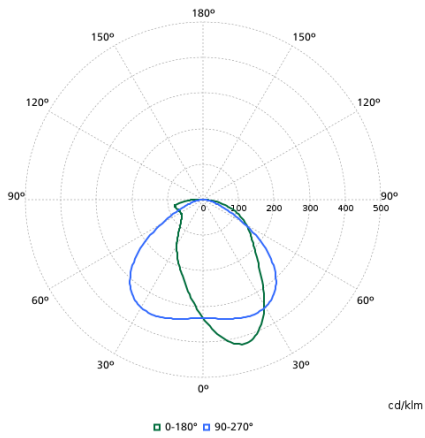
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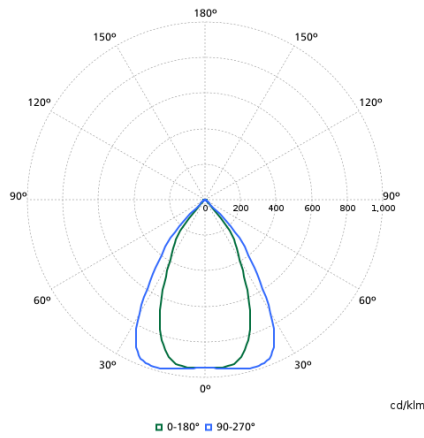
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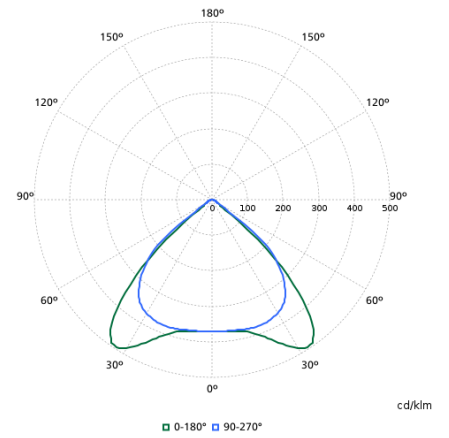
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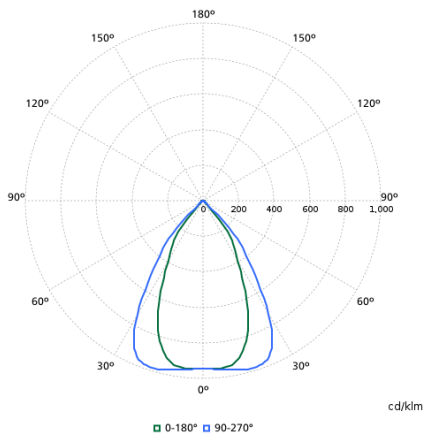
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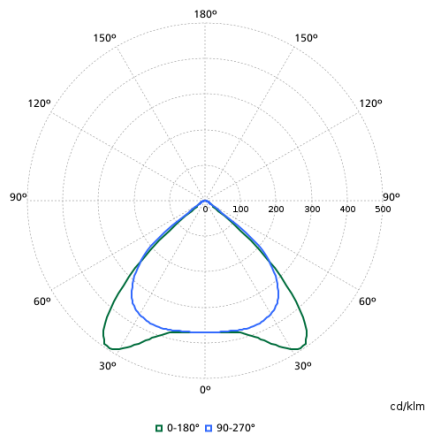
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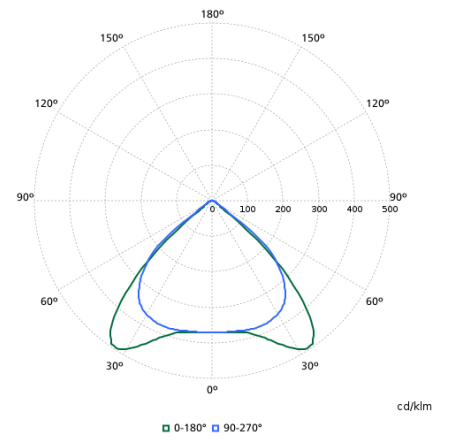
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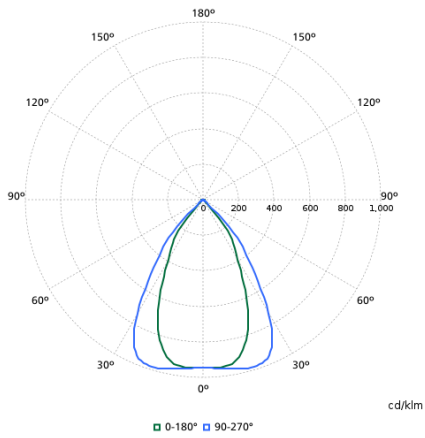
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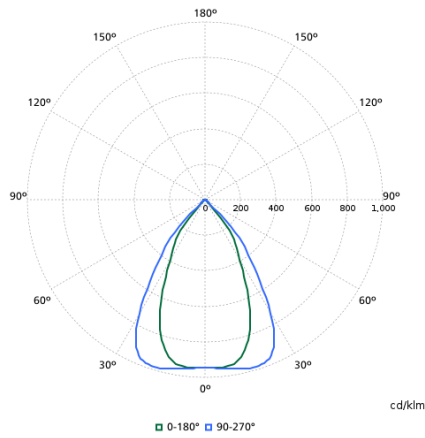
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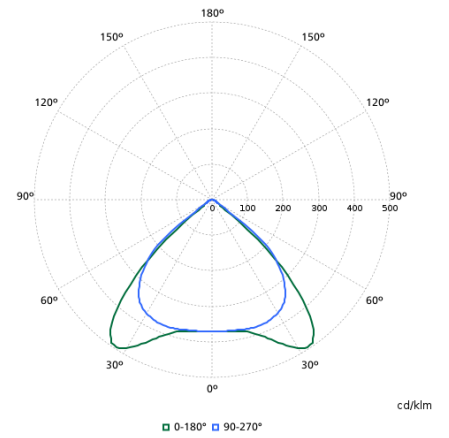
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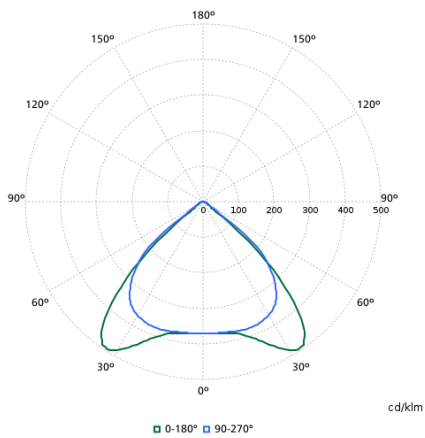
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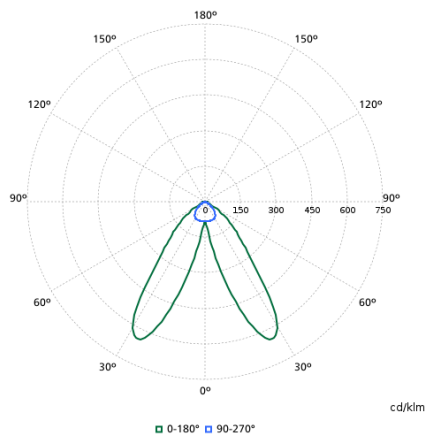
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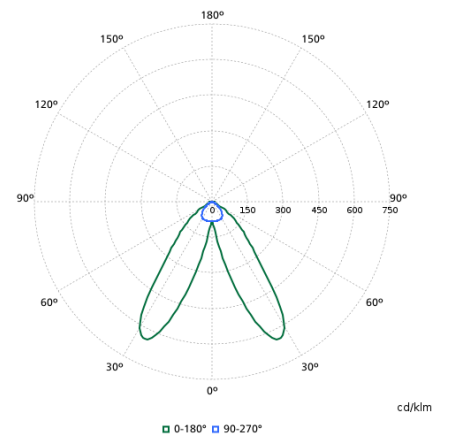
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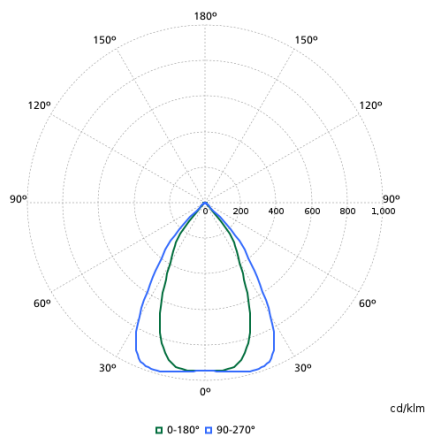
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