



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

Maxos LED

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

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Features

- Mid-power LED boards; exchangeable LED unit
- Up to 138 lm/W efficiency
- LED gear trays for T5 and TL-D-length trunkings (high lumen output); replacement LED gear trays with same lumen packages as installed T5 and TL-D solutions (lower wattage)
- Choice of narrow, medium, double asymmetric and asymmetric lenses
- Compatible with our standard Maxos and TTX400 rails for TL5 49 W and TL-D 58 W lengths

Application

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

Versions

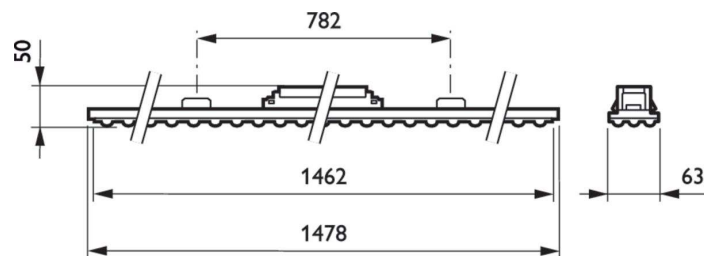
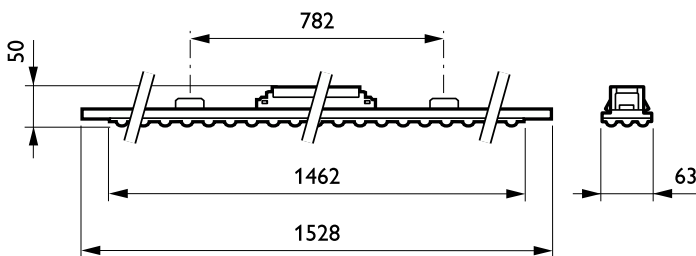


IPPR 4MX850i 0001



IPPR 4MX850i 0003

Dimensional drawing



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Product details



IPDP_4MX850i_0001-Detail photo



IPDP_4MX850i_0003-Detail photo



IPDP_4MX850i_0005-Detail photo

Maxos LED

General Information	
Driver included	Yes
Gear	-
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Number of light sources	1
Operating and Electrical	
Protection class IEC	Safety class I
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Optical cover type	Polymethyl methacrylate bowl/cover
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Product Data	
Product family code	4MX850

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
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	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type	Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
		(K)	(lm/W)	(lm)	(K)			(lm/W)	(lm)		
08008299	4MX850 491 LED80S/840 PSD WB SI	4000 K	166 lm/W	8,000 lm	Wide beam	67281399	4MX850 491 LED80S/840 PSD NB WH	4000 K	166 lm/W	8,000 lm	Narrow beam

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

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated)	Luminous Flux	Optic type
		Temperature (Nom)	(Nom)	(Nom)	
66124499	4MX850 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66166499	4MX850 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66167199	4MX850 491 LED40S/830 PSD WB WH	3000 K	166 lm/W	4,000 lm	Wide beam
66168899	4MX850 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66170199	4MX850 581 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66171899	4MX850 581 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66262399	4MX850 491 LED55S/840 PSD DA20 WH	4000 K	169 lm/W	5,500 lm	Double asymmetric optic 20°
66269299	4MX850 491 LED40S/830 PSD DA20 WH	3000 K	166 lm/W	4,000 lm	Double asymmetric optic 20°
66272299	4MX850 581 LED40S/840 PSD DA20 WH	4000 K	166 lm/W	4,000 lm	Double asymmetric optic 20°
66601099	4MX850 491 LED66S/840 PSD DA20 WH	4000 K	166 lm/W	6,600 lm	Double asymmetric optic 20°
66602799	4MX850 491 LED66S/840 PSD WB WH	4000 K	166 lm/W	6,600 lm	Wide beam
66603499	4MX850 491 LED66S/840 PSD NB WH	4000 K	166 lm/W	6,600 lm	Narrow beam
66693599	4MX850 491 LED66S/830 PSD WB WH	3000 K	166 lm/W	6,600 lm	Wide beam
66695999	4MX850 581 LED66S/840 PSD WB WH	4000 K	166 lm/W	6,600 lm	Wide beam
66696699	4MX850 581 LED66S/840 PSD NB WH	4000 K	166 lm/W	6,600 lm	Narrow beam
66770399	4MX850 491 LED66S/840 PSD A20 WH	4000 K	166 lm/W	6,600 lm	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

Order Code	Full Product Name	Input Voltage	Power Consumption
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
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

Order Code	Full Product Name	Housing Color
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
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

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Order Code	Full Product Name	Housing Color
66695999	4MX850 581 LED66S/840 PSD WB WH	White
66696699	4MX850 581 LED66S/840 PSD NB WH	White

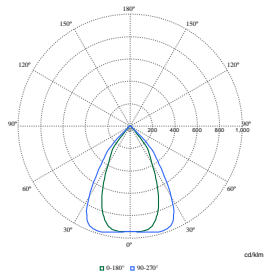
Order Code	Full Product Name	Housing Color
66770399	4MX850 491 LED66S/840 PSD A20 WH	White

Initial Performance (IEC Compliant)

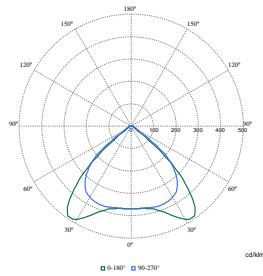
Order Code	Full Product Name	Initial chromaticity
08008299	4MX850 491 LED80S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
67281399	4MX850 491 LED80S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
67282099	4MX850 491 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66127599	4MX850 491 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <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

Order Code	Full Product Name	Initial chromaticity
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
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

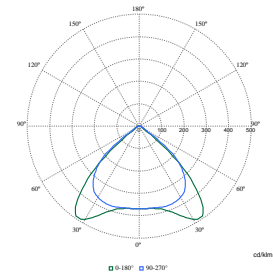
Polar Wide Diagrams



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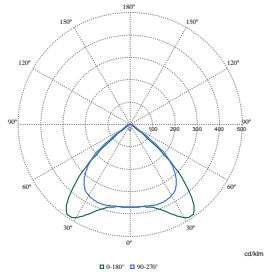


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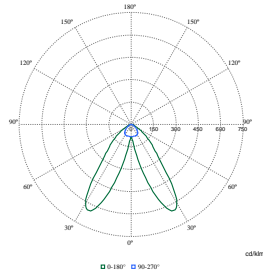


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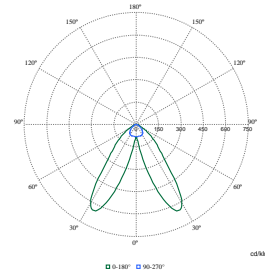
Polar Wide Diagrams



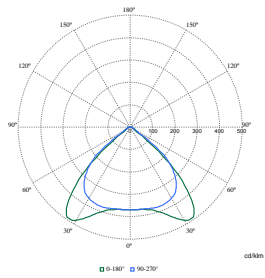
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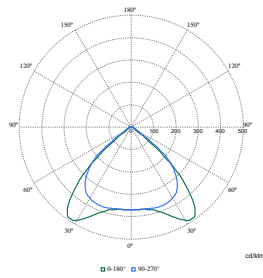
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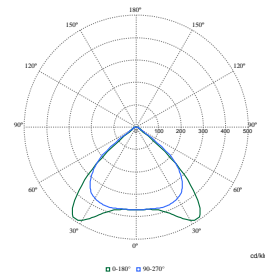
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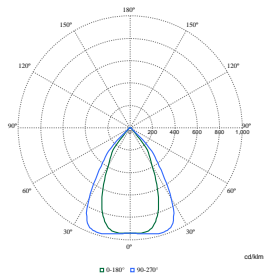
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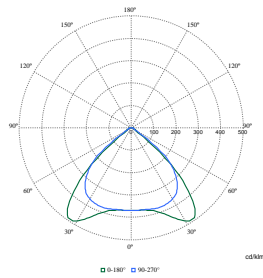
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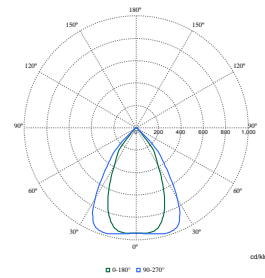
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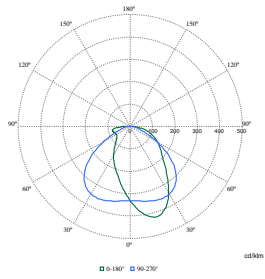


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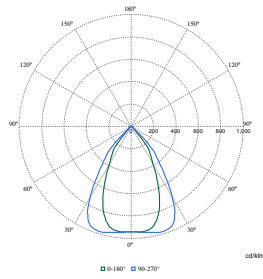


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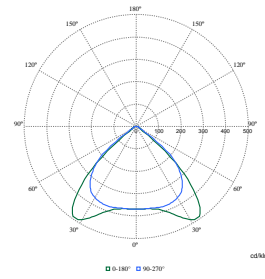
Polar Wide Diagrams



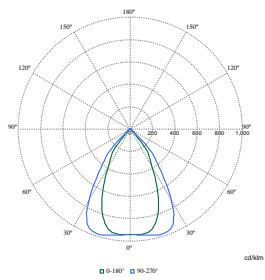
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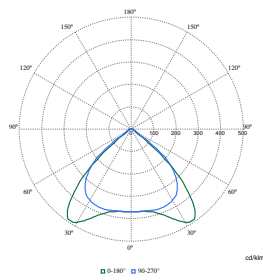
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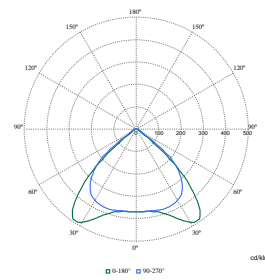
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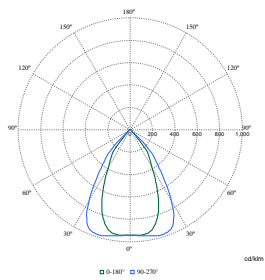
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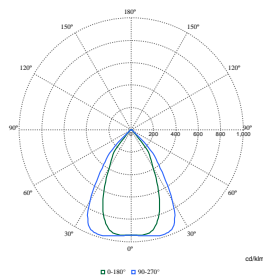
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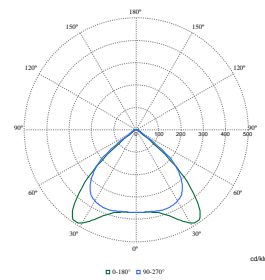
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Polar Normal (separate) - 4MX850I - 910629122526

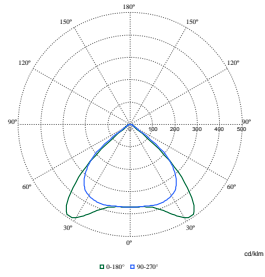


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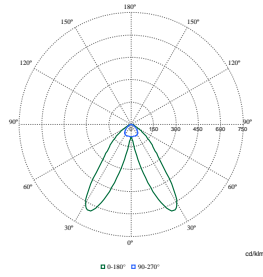


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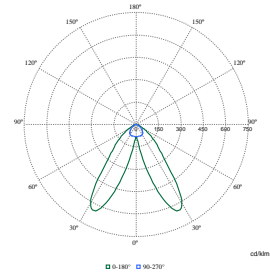
Polar Wide Diagrams



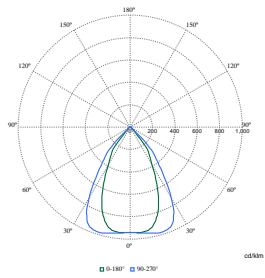
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Polar Normal (separate) - 4MX850I - 910629124926



Polar Normal (separate) - 4MX850I - 910629158026



Polar Normal (separate) - 4MX850I - 910629160426

