



Maxos LED Industry 4MX850 – 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 colour 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

Features

- Mid-power LED boards; exchangeable LED unit
- Up to 165 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 LED rails and TTX400 rails for TL5 49 W and TL-D 58 W lengths

Application

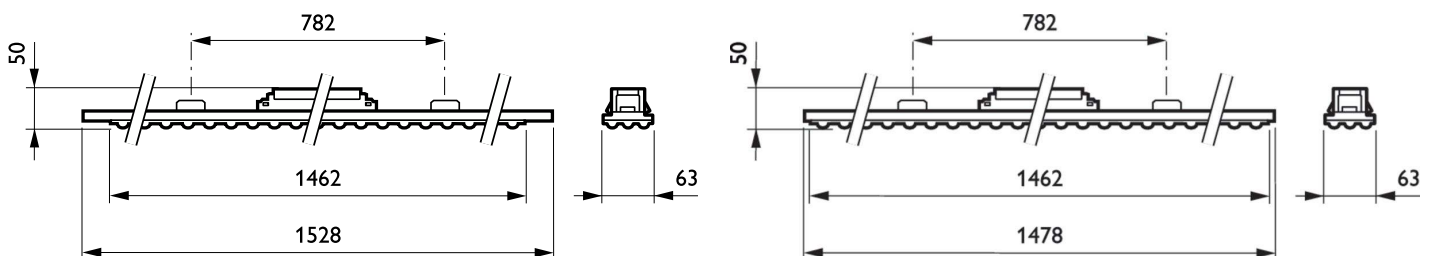
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

Versions



IPPR 4MX850i 0003

Dimensional drawing



Product details



IPDP_4MX850i_0001-Detail
photo



IPDP_4MX850i_0003-Detail
photo



IPDP_4MX850i_0005-Detail
photo

General Information	
Driver included	Yes
Gear	-
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Colour rendering index (CRI)	>80
Number of light sources	1
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
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
67282099	4MX850 491 LED80S/840 PSD WB WH	LED80S
66128299	4MX850 491 LED55S/840 PSD WB SI	LED55S
66132999	4MX850 581 LED55S/840 PSD WB SI	LED55S
66173299	4MX850 491 LED40S/840 PSD NB SI	LED40S
66176399	4MX850 581 LED40S/830 PSD NB SI	LED40S
66177099	4MX850 581 LED40S/840 PSD NB SI	LED40S
66178799	4MX850 581 LED40S/840 PSD WB SI	LED40S
66266199	4MX850 491 LED55S/840 PSD DA20 SI	LED55S
66267899	4MX850 581 LED55S/830 PSD DA20 SI	LED55S
66268599	4MX850 581 LED55S/840 PSD DA20 SI	LED55S
66273999	4MX850 491 LED40S/830 PSD DA20 SI	LED40S
66275399	4MX850 581 LED40S/830 PSD DA20 SI	LED40S
66276099	4MX850 581 LED40S/840 PSD DA20 SI	LED40S
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	LED80S
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	LED66S
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
66122099	4MX850 581 LED55S/840 PSD NB WH	LED55S
66124499	4MX850 581 LED55S/840 PSD WB WH	LED55S
66165799	4MX850 491 LED40S/830 PSD NB WH	LED40S
66166499	4MX850 491 LED40S/840 PSD NB WH	LED40S
66168899	4MX850 491 LED40S/840 PSD WB WH	LED40S
66169599	4MX850 581 LED40S/830 PSD NB WH	LED40S
66170199	4MX850 581 LED40S/840 PSD NB WH	LED40S
66262399	4MX850 491 LED55S/840 PSD DA20 WH	LED55S
66264799	4MX850 581 LED55S/840 PSD DA20 WH	LED55S
66269299	4MX850 491 LED40S/830 PSD DA20 WH	LED40S
66270899	4MX850 491 LED40S/840 PSD DA20 WH	LED40S
66272299	4MX850 581 LED40S/840 PSD DA20 WH	LED40S
66603499	4MX850 491 LED66S/840 PSD NB WH	LED66S
66695999	4MX850 581 LED66S/840 PSD WB WH	LED66S

Light Technical

		Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type			Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
Order Code	Full Product Name					Order Code	Full Product Name				
67282099	4MX850 491 LED80S/840 PSD WB WH	4000 K	166 lm/W	8,000 lm	Wide beam	66128299	4MX850 491 LED55S/840 PSD WB SI	4000 K	169 lm/W	5,500 lm	Wide beam

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated)	Luminous Flux	Optic type
		(Nom)	(nom.)		
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
66176399	4MX850 581 LED40S/830 PSD NB SI	3000 K	158 lm/W	3,800 lm	Narrow beam
66177099	4MX850 581 LED40S/840 PSD NB SI	4000 K	166 lm/W	4,000 lm	Narrow beam
66178799	4MX850 581 LED40S/840 PSD WB SI	4000 K	166 lm/W	4,000 lm	Wide beam
66266199	4MX850 491 LED55S/840 PSD DA20 SI	4000 K	169 lm/W	5,500 lm	Double asymmetric optic 20°
66267899	4MX850 581 LED55S/830 PSD DA20 SI	3000 K	160 lm/W	5,200 lm	Double asymmetric optic 20°
66268599	4MX850 581 LED55S/840 PSD DA20 SI	4000 K	169 lm/W	5,500 lm	Double asymmetric optic 20°
66273999	4MX850 491 LED40S/830 PSD DA20 SI	3000 K	158 lm/W	3,800 lm	Double asymmetric optic 20°
66275399	4MX850 581 LED40S/830 PSD DA20 SI	3000 K	158 lm/W	3,800 lm	Double asymmetric optic 20°
66276099	4MX850 581 LED40S/840 PSD DA20 SI	4000 K	166 lm/W	4,000 lm	Double asymmetric optic 20°
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	4000 K	166 lm/W	8,000 lm	Narrow beam
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	4000 K	169 lm/W	6,600 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	160 lm/W	5,200 lm	Wide beam

Order Code	Full Product Name	Correlated Colour Temperature	Luminous efficacy (rated)	Luminous Flux	Optic type
		(Nom)	(nom.)		
66120699	4MX850 491 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66122099	4MX850 581 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
66124499	4MX850 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66165799	4MX850 491 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66166499	4MX850 491 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66168899	4MX850 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam
66169599	4MX850 581 LED40S/830 PSD NB WH	3000 K	158 lm/W	3,800 lm	Narrow beam
66170199	4MX850 581 LED40S/840 PSD NB WH	4000 K	166 lm/W	4,000 lm	Narrow beam
66262399	4MX850 491 LED55S/840 PSD DA20 WH	4000 K	169 lm/W	5,500 lm	Double asymmetric optic 20°
66264799	4MX850 581 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	158 lm/W	3,800 lm	Double asymmetric optic 20°
66270899	4MX850 491 LED40S/840 PSD DA20 WH	4000 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°
66603499	4MX850 491 LED66S/840 PSD NB WH	4000 K	169 lm/W	6,600 lm	Narrow beam
66695999	4MX850 581 LED66S/840 PSD WB WH	4000 K	169 lm/W	6,600 lm	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
67282099	4MX850 491 LED80S/840 PSD WB WH	48 W
66128299	4MX850 491 LED55S/840 PSD WB SI	32.5 W
66132999	4MX850 581 LED55S/840 PSD WB SI	32.5 W
66173299	4MX850 491 LED40S/840 PSD NB SI	24 W
66176399	4MX850 581 LED40S/830 PSD NB SI	24 W
66177099	4MX850 581 LED40S/840 PSD NB SI	24 W
66178799	4MX850 581 LED40S/840 PSD WB SI	24 W
66266199	4MX850 491 LED55S/840 PSD DA20 SI	32.5 W
66267899	4MX850 581 LED55S/830 PSD DA20 SI	32.5 W
66268599	4MX850 581 LED55S/840 PSD DA20 SI	32.5 W
66273999	4MX850 491 LED40S/830 PSD DA20 SI	24 W
66275399	4MX850 581 LED40S/830 PSD DA20 SI	24 W
66276099	4MX850 581 LED40S/840 PSD DA20 SI	24 W
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	48 W
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	39 W
66118399	4MX850 491 LED55S/840 PSD NB WH	32.5 W

Order Code	Full Product Name	Power Consumption
66119099	4MX850 491 LED55S/830 PSD WB WH	32.5 W
66120699	4MX850 491 LED55S/840 PSD WB WH	32.5 W
66122099	4MX850 581 LED55S/840 PSD NB WH	32.5 W
66124499	4MX850 581 LED55S/840 PSD WB WH	32.5 W
66165799	4MX850 491 LED40S/830 PSD NB WH	24 W
66166499	4MX850 491 LED40S/840 PSD NB WH	24 W
66168899	4MX850 491 LED40S/840 PSD WB WH	24 W
66169599	4MX850 581 LED40S/830 PSD NB WH	24 W
66170199	4MX850 581 LED40S/840 PSD NB WH	24 W
66262399	4MX850 491 LED55S/840 PSD DA20 WH	32.5 W
66264799	4MX850 581 LED55S/840 PSD DA20 WH	32.5 W
66269299	4MX850 491 LED40S/830 PSD DA20 WH	24 W
66270899	4MX850 491 LED40S/840 PSD DA20 WH	24 W
66272299	4MX850 581 LED40S/840 PSD DA20 WH	24 W
66603499	4MX850 491 LED66S/840 PSD NB WH	39 W
66695999	4MX850 581 LED66S/840 PSD WB WH	39 W

Mechanical and Housing

Order Code	Full Product Name	Housing Colour
67282099	4MX850 491 LED80S/840 PSD WB WH	White
66128299	4MX850 491 LED55S/840 PSD WB SI	Silver
66132999	4MX850 581 LED55S/840 PSD WB SI	Silver
66173299	4MX850 491 LED40S/840 PSD NB SI	Silver
66176399	4MX850 581 LED40S/830 PSD NB SI	Silver
66177099	4MX850 581 LED40S/840 PSD NB SI	Silver
66178799	4MX850 581 LED40S/840 PSD WB SI	Silver
66266199	4MX850 491 LED55S/840 PSD DA20 SI	Silver
66267899	4MX850 581 LED55S/830 PSD DA20 SI	Silver
66268599	4MX850 581 LED55S/840 PSD DA20 SI	Silver
66273999	4MX850 491 LED40S/830 PSD DA20 SI	Silver
66275399	4MX850 581 LED40S/830 PSD DA20 SI	Silver
66276099	4MX850 581 LED40S/840 PSD DA20 SI	Silver
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	White
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	White
66118399	4MX850 491 LED55S/840 PSD NB WH	White

Order Code	Full Product Name	Housing Colour
66119099	4MX850 491 LED55S/830 PSD WB WH	White
66120699	4MX850 491 LED55S/840 PSD WB WH	White
66122099	4MX850 581 LED55S/840 PSD NB WH	White
66124499	4MX850 581 LED55S/840 PSD WB WH	White
66165799	4MX850 491 LED40S/830 PSD NB WH	White
66166499	4MX850 491 LED40S/840 PSD NB WH	White
66168899	4MX850 491 LED40S/840 PSD WB WH	White
66169599	4MX850 581 LED40S/830 PSD NB WH	White
66170199	4MX850 581 LED40S/840 PSD NB WH	White
66262399	4MX850 491 LED55S/840 PSD DA20 WH	White
66264799	4MX850 581 LED55S/840 PSD DA20 WH	White
66269299	4MX850 491 LED40S/830 PSD DA20 WH	White
66270899	4MX850 491 LED40S/840 PSD DA20 WH	White
66272299	4MX850 581 LED40S/840 PSD DA20 WH	White
66603499	4MX850 491 LED66S/840 PSD NB WH	White
66695999	4MX850 581 LED66S/840 PSD WB WH	White

Initial Performance (IEC Compliant)

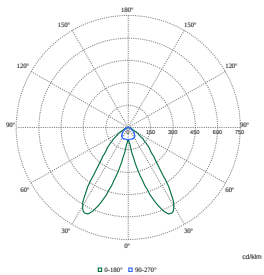
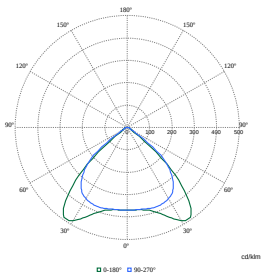
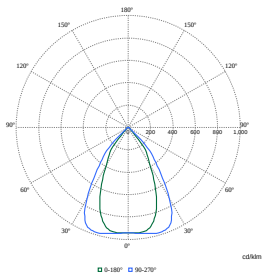
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66128299	4MX850 491 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66132999	4MX850 581 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66173299	4MX850 491 LED40S/840 PSD NB SI	(0.38, 0.38) SDCM <3.5
66176399	4MX850 581 LED40S/830 PSD NB SI	(0.43, 0.40) SDCM <3.5
66177099	4MX850 581 LED40S/840 PSD NB SI	(0.38, 0.38) SDCM <3.5
66178799	4MX850 581 LED40S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66266199	4MX850 491 LED55S/840 PSD DA20 SI	(0.38, 0.38) SDCM <3.5
66267899	4MX850 581 LED55S/830 PSD DA20 SI	(0.43, 0.40) SDCM <3.5
66268599	4MX850 581 LED55S/840 PSD DA20 SI	(0.38, 0.38) SDCM <3.5
66273999	4MX850 491 LED40S/830 PSD DA20 SI	(0.43, 0.40) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66275399	4MX850 581 LED40S/830 PSD DA20 SI	(0.43, 0.40) SDCM <3.5
66276099	4MX850 581 LED40S/840 PSD DA20 SI	(0.38, 0.38) SDCM <3.5
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	(0.38, 0.38) SDCM <3.5
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	(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
66122099	4MX850 581 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66124499	4MX850 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66165799	4MX850 491 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66166499	4MX850 491 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66168899	4MX850 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66169599	4MX850 581 LED40S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66170199	4MX850 581 LED40S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66262399	4MX850 491 LED55S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66264799	4MX850 581 LED55S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
66269299	4MX850 491 LED40S/830 PSD DA20 WH	(0.43, 0.40) SDCM <3.5
66270899	4MX850 491 LED40S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66272299	4MX850 581 LED40S/840 PSD DA20 WH	(0.38, 0.38) SDCM <3.5
66603499	4MX850 491 LED66S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66695999	4MX850 581 LED66S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

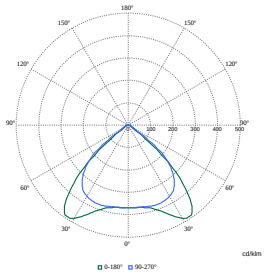
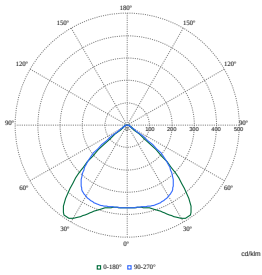
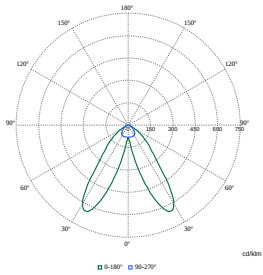
Polar Wide Diagrams



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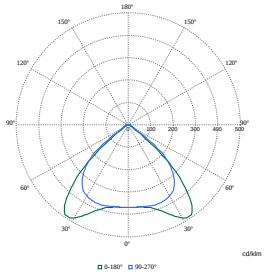
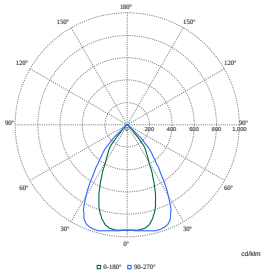
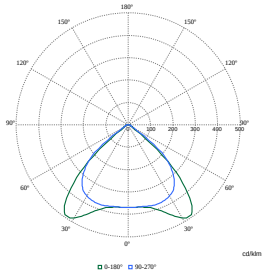
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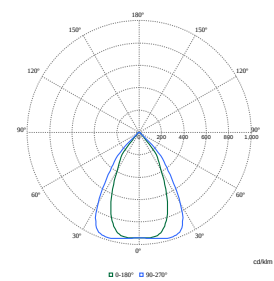


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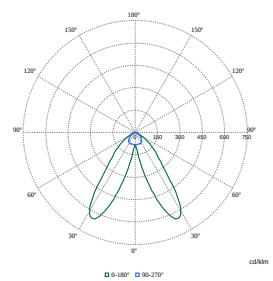
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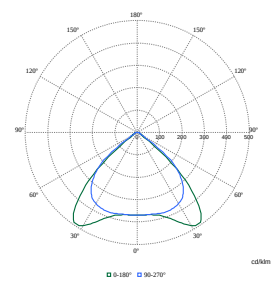
Polar Wide Diagrams



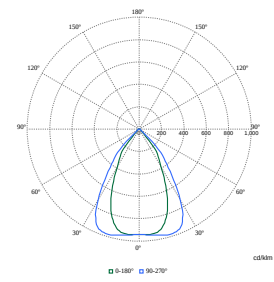
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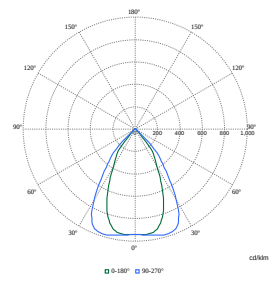
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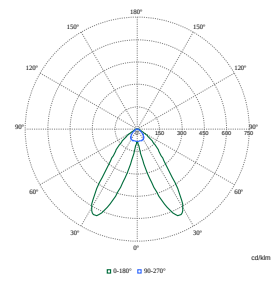
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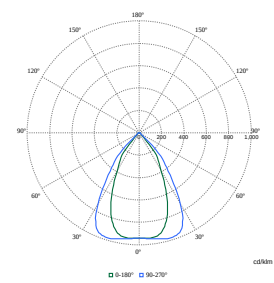
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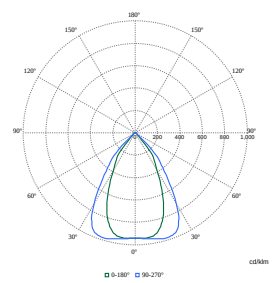
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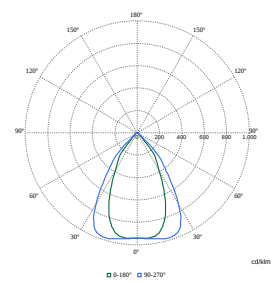
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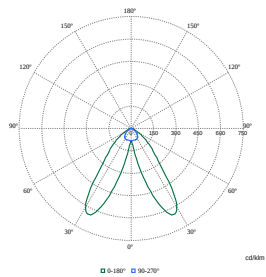


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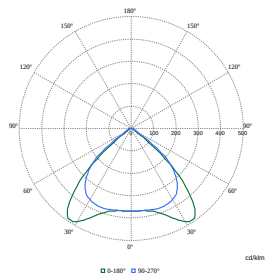


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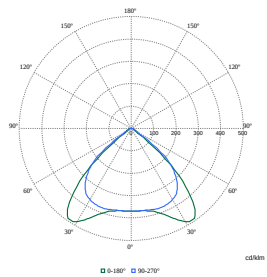
Polar Wide Diagrams



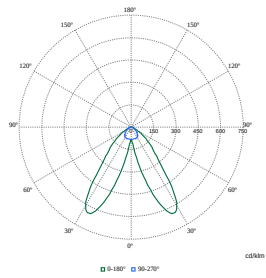
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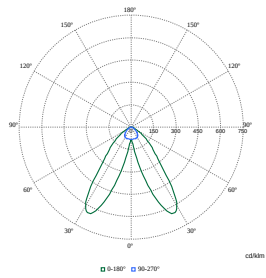
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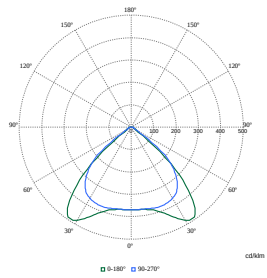
Polar Normal (separate) - 4MX850I - 910629120326



Polar Normal (separate) - 4MX850I - 910629124926



Polar Normal (separate) - 4MX850I - 910629125726



Polar Normal (separate) - 4MX850I - 910500460010

