



Maxos LED Performer – efficient and precise line lighting

Maxos LED Performer

Customers want to save energy and reduce cost compared to what they are used to with conventional lighting. At the same time, excellent lighting conditions are needed: in industrial environments, to guarantee safety and productivity; and in retail environments, to make the merchandise stand out and attract shoppers. Maxos LED Performer is an extremely flexible solution that delivers low energy consumption and excellent beam shaping at an attractive investment level.

Benefits

- Extremely fast payback
- Breakthrough optical system for precise beam shaping
- Flexible in terms of retrofits, spots, changes, accessories

Features

- Low energy consumption compared to fluorescent
- Excellent beam shaping for less spill light and exact light distribution in horizontal and vertical planes
- Proven Philips LED engines (Fortimo)
- Can be mounted, new or retrofit, onto a Maxos rail
- Also available in a high-efficiency version with Maxos LED Industry 4MX850

Application

- Supermarkets
- Warehouses
- Production facilities

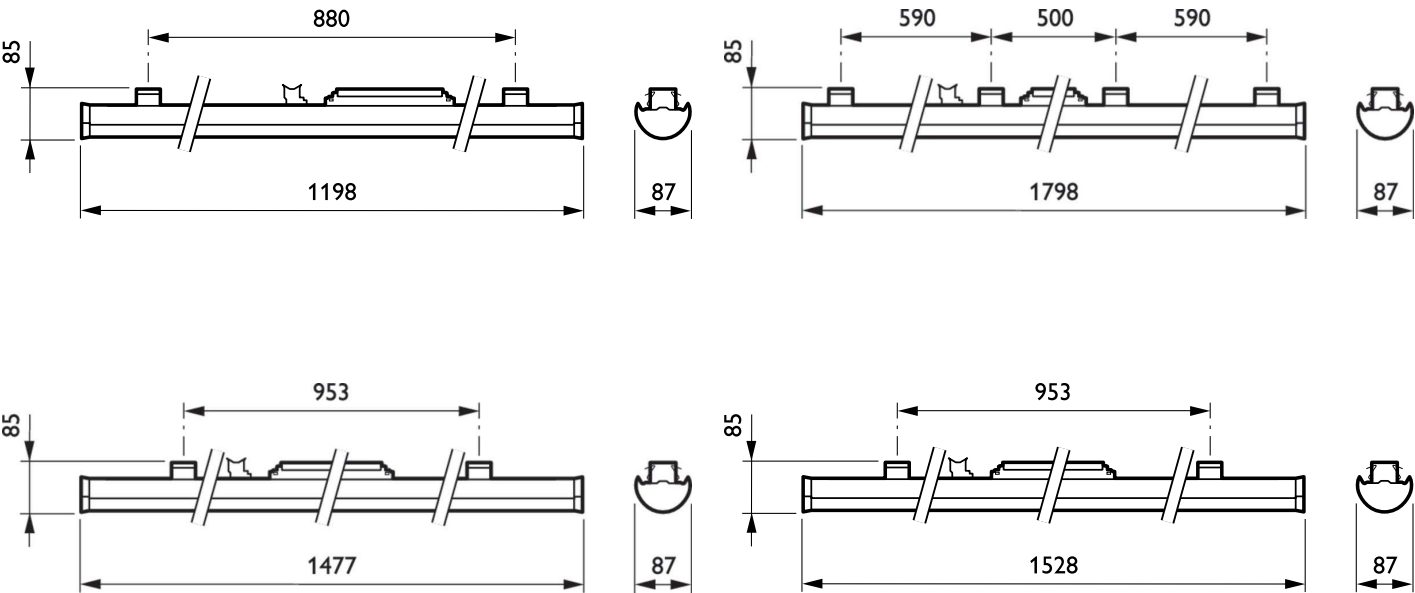
Maxos LED Performer

Versions



IPPR1 4MX900i 0001.JPG

Dimensional drawing

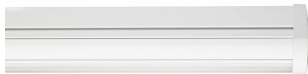


Product details

IPDP_4MX900i_0001-Detail
photo



IPDP_4MX900i_0003-Detail
photo



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Product details



IPDP_4MX900i_0007-Detail
photo



IPDP_4MX900i_0011-Detail
photo



IPDP_4MX900i_0013-Detail
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Maxos LED Performer

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Mechanical and Housing	
Mech. impact protection code	IK02
Ingress protection code	IP40
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminous flux tolerance	+/-10%
Product Data	
Product family code	4MX900

General Information

Order Code	Full Product Name	Lamp family code
66882399	4MX900 581 LED50S/840 PSD MB WH	LED50S
66388099	4MX900 LED40S/840 PSD MB WH L1200	LED40S
66389799	4MX900 LED40S/840 PSD NB WH L1200	LED40S
66445099	4MX900 LED60S/840 PSD MB WH L1800	LED60S
66446799	4MX900 LED60S/840 PSD NB WH L1800	LED60S
66460399	4MX900 LED90S/840 PSD WB WH L1800	LED90S
66476499	4MX900 581 LED40S/840 PSU WB WH	LED40S
66492499	4MX900 491 LED40S/840 PSU WB WH	LED40S
66612699	4MX900 LED40S/840 PSU WB WH L1200	LED40S
66624999	4MX900 491 LED40S/840 PSD WB WH	LED40S
66625699	4MX900 491 LED40S/840 PSD MB WH	LED40S
66626399	4MX900 491 LED40S/840 PSD NB WH	LED40S
66629499	4MX900 491 LED50S/840 PSD MB WH	LED50S
66630099	4MX900 491 LED50S/840 PSD NB WH	LED50S
66639399	4MX900 491 LED50S/840 PSU A30 WH	LED50S
66640999	4MX900 581 LED50S/840 PSU WB WH	LED50S
66641699	4MX900 581 LED50S/840 PSU MB WH	LED50S
66644799	4MX900 491 LED50S/840 PSU WB WH	LED50S
66645499	4MX900 491 LED50S/840 PSU MB WH	LED50S
66646199	4MX900 491 LED50S/840 PSU NB WH	LED50S
66790199	4MX900 491 LED75S/840 PSU WB WH	LED75S
66796399	4MX900 581 LED75S/840 PSU MB WH	LED75S
66797099	4MX900 581 LED75S/840 PSU NB WH	LED75S
66801499	4MX900 491 LED75S/840 PSD MB WH	LED75S
66802199	4MX900 491 LED75S/840 PSD NB WH	LED75S
66807699	4MX900 581 LED75S/840 PSD MB WH	LED75S
66808399	4MX900 581 LED75S/840 PSD NB WH	LED75S
66379899	4MX900 LED40S/840 PSD WB SI L1200	LED40S
66436899	4MX900 LED60S/840 PSD WB SI L1800	LED60S
66453599	4MX900 LED90S/840 PSD MB SI L1800	LED90S

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Number of light sources	Optic type
66882399	4MX900 581 LED50S/840 PSD MB WH	155 lm/W	5,000 lm	-	Medium beam
66388099	4MX900 LED40S/840 PSD MB WH L1200	154 lm/W	4,000 lm	1	Medium beam
66389799	4MX900 LED40S/840	154 lm/W	4,000 lm	1	Narrow beam

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Number of light sources	Optic type
	PSD NB WH L1200				
66445099	4MX900 LED60S/840 PSD MB WH L1800	161 lm/W	6,000 lm	1	Medium beam
66446799	4MX900 LED60S/840 PSD NB WH L1800	161 lm/W	6,000 lm	1	Narrow beam

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Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Number of light sources	Optic type
66460399	4MX900 LED90S/840 PSD WB WH L1800	150 lm/W	9,000 lm	1	Wide beam
66476499	4MX900 581 LED40S/840 PSU WB WH	159 lm/W	4,000 lm	1	Wide beam
66492499	4MX900 491 LED40S/840 PSU WB WH	159 lm/W	4,000 lm	1	Wide beam
66612699	4MX900 LED40S/840 PSU WB WH L1200	154 lm/W	4,000 lm	1	Wide beam
66624999	4MX900 491 LED40S/840 PSD WB WH	159 lm/W	4,000 lm	1	Wide beam
66625699	4MX900 491 LED40S/840 PSD MB WH	159 lm/W	4,000 lm	1	Medium beam
66626399	4MX900 491 LED40S/840 PSD NB WH	159 lm/W	4,000 lm	1	Narrow beam
66629499	4MX900 491 LED50S/840 PSD MB WH	155 lm/W	5,000 lm	1	Medium beam
66630099	4MX900 491 LED50S/840 PSD NB WH	155 lm/W	5,000 lm	1	Narrow beam
66639399	4MX900 491 LED50S/840 PSU A30 WH	155 lm/W	5,000 lm	1	Asymmetrical mirror axis angle 30°
66640999	4MX900 581 LED50S/840 PSU WB WH	155 lm/W	5,000 lm	1	Wide beam
66641699	4MX900 581 LED50S/840 PSU MB WH	155 lm/W	5,000 lm	1	Medium beam
66644799	4MX900 491 LED50S/840 PSU WB WH	155 lm/W	5,000 lm	1	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
66882399	4MX900 581 LED50S/840 PSD MB WH	32.2 W
66388099	4MX900 LED40S/840 PSD MB WH L1200	25.9 W
66389799	4MX900 LED40S/840 PSD NB WH L1200	25.9 W
66445099	4MX900 LED60S/840 PSD MB WH L1800	37.3 W

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Number of light sources	Optic type
66645499	4MX900 491 LED50S/840 PSU MB WH	155 lm/W	5,000 lm	1	Medium beam
66646199	4MX900 491 LED50S/840 PSU NB WH	155 lm/W	5,000 lm	1	Narrow beam
66790199	4MX900 491 LED75S/840 PSU WB WH	149 lm/W	7,500 lm	1	Wide beam
66796399	4MX900 581 LED75S/840 PSU MB WH	149 lm/W	7,500 lm	1	Medium beam
66797099	4MX900 581 LED75S/840 PSU NB WH	149 lm/W	7,500 lm	1	Narrow beam
66801499	4MX900 491 LED75S/840 PSD MB WH	149 lm/W	7,500 lm	1	Medium beam
66802199	4MX900 491 LED75S/840 PSD NB WH	149 lm/W	7,500 lm	1	Narrow beam
66807699	4MX900 581 LED75S/840 PSD MB WH	149 lm/W	7,500 lm	1	Medium beam
66808399	4MX900 581 LED75S/840 PSD NB WH	149 lm/W	7,500 lm	1	Narrow beam
66379899	4MX900 LED40S/840 PSD WB SI L1200	154 lm/W	4,000 lm	1	Wide beam
66436899	4MX900 LED60S/840 PSD WB SI L1800	161 lm/W	6,000 lm	1	Wide beam
66453599	4MX900 LED90S/840 PSD MB SI L1800	150 lm/W	9,000 lm	1	Medium beam

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Order Code	Full Product Name	Power Consumption
66612699	4MX900 LED40S/840 PSU WB WH L1200	25.9 W
66624999	4MX900 491 LED40S/840 PSD WB WH	25.2 W
66625699	4MX900 491 LED40S/840 PSD MB WH	25.2 W
66626399	4MX900 491 LED40S/840 PSD NB WH	25.2 W
66629499	4MX900 491 LED50S/840 PSD MB WH	32.2 W
66630099	4MX900 491 LED50S/840 PSD NB WH	32.2 W
66639399	4MX900 491 LED50S/840 PSU A30 WH	32.2 W
66640999	4MX900 581 LED50S/840 PSU WB WH	32.2 W
66641699	4MX900 581 LED50S/840 PSU MB WH	32.2 W
66644799	4MX900 491 LED50S/840 PSU WB WH	32.2 W
66645499	4MX900 491 LED50S/840 PSU MB WH	32.2 W

Order Code	Full Product Name	Power Consumption
66646199	4MX900 491 LED50S/840 PSU NB WH	32.2 W
66790199	4MX900 491 LED75S/840 PSU WB WH	50.2 W
66796399	4MX900 581 LED75S/840 PSU MB WH	50.2 W
66797099	4MX900 581 LED75S/840 PSU NB WH	50.2 W
66801499	4MX900 491 LED75S/840 PSD MB WH	50.2 W
66802199	4MX900 491 LED75S/840 PSD NB WH	50.2 W
66807699	4MX900 581 LED75S/840 PSD MB WH	50.2 W
66808399	4MX900 581 LED75S/840 PSD NB WH	50.2 W
66379899	4MX900 LED40S/840 PSD WB SI L1200	25.9 W
66436899	4MX900 LED60S/840 PSD WB SI L1800	37.3 W
66453599	4MX900 LED90S/840 PSD MB SI L1800	60.1 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
66882399	4MX900 581 LED50S/840 PSD MB WH	Yes	1%
66388099	4MX900 LED40S/840 PSD MB WH L1200	Yes	1%
66389799	4MX900 LED40S/840 PSD NB WH L1200	Yes	1%
66445099	4MX900 LED60S/840 PSD MB WH L1800	Yes	1%
66446799	4MX900 LED60S/840 PSD NB WH L1800	Yes	1%
66460399	4MX900 LED90S/840 PSD WB WH L1800	Yes	1%
66476499	4MX900 581 LED40S/840 PSU WB WH	No	Not applicable
66492499	4MX900 491 LED40S/840 PSU WB WH	No	Not applicable
66612699	4MX900 LED40S/840 PSU WB WH L1200	No	Not applicable
66624999	4MX900 491 LED40S/840 PSD WB WH	Yes	1%
66625699	4MX900 491 LED40S/840 PSD MB WH	Yes	1%
66626399	4MX900 491 LED40S/840 PSD NB WH	Yes	1%
66629499	4MX900 491 LED50S/840 PSD MB WH	Yes	1%
66630099	4MX900 491 LED50S/840 PSD NB WH	Yes	1%
66639399	4MX900 491 LED50S/840 PSU A30 WH	No	Not applicable

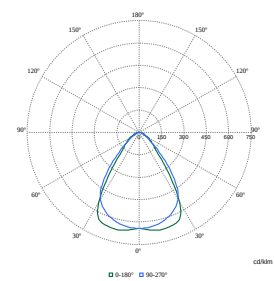
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		Dimmable	level
66640999	4MX900 581 LED50S/840 PSU WB WH	No	Not applicable
66641699	4MX900 581 LED50S/840 PSU MB WH	No	Not applicable
66644799	4MX900 491 LED50S/840 PSU WB WH	No	Not applicable
66645499	4MX900 491 LED50S/840 PSU MB WH	No	Not applicable
66646199	4MX900 491 LED50S/840 PSU NB WH	No	Not applicable
66790199	4MX900 491 LED75S/840 PSU WB WH	No	Not applicable
66796399	4MX900 581 LED75S/840 PSU MB WH	No	Not applicable
66797099	4MX900 581 LED75S/840 PSU NB WH	No	Not applicable
66801499	4MX900 491 LED75S/840 PSD MB WH	Yes	1%
66802199	4MX900 491 LED75S/840 PSD NB WH	Yes	1%
66807699	4MX900 581 LED75S/840 PSD MB WH	Yes	1%
66808399	4MX900 581 LED75S/840 PSD NB WH	Yes	1%
66379899	4MX900 LED40S/840 PSD WB SI L1200	Yes	1%
66436899	4MX900 LED60S/840 PSD WB SI L1800	Yes	1%
66453599	4MX900 LED90S/840 PSD MB SI L1800	Yes	1%

Mechanical and Housing

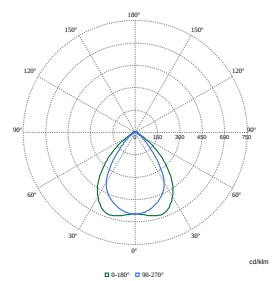
Order Code	Full Product Name	Housing Colour
66882399	4MX900 581 LED50S/840 PSD MB WH	White
66388099	4MX900 LED40S/840 PSD MB WH L1200	White
66389799	4MX900 LED40S/840 PSD NB WH L1200	White
66445099	4MX900 LED60S/840 PSD MB WH L1800	White
66446799	4MX900 LED60S/840 PSD NB WH L1800	White
66460399	4MX900 LED90S/840 PSD WB WH L1800	White
66476499	4MX900 581 LED40S/840 PSU WB WH	White
66492499	4MX900 491 LED40S/840 PSU WB WH	White
66612699	4MX900 LED40S/840 PSU WB WH L1200	White
66624999	4MX900 491 LED40S/840 PSD WB WH	White
66625699	4MX900 491 LED40S/840 PSD MB WH	White
66626399	4MX900 491 LED40S/840 PSD NB WH	White
66629499	4MX900 491 LED50S/840 PSD MB WH	White
66630099	4MX900 491 LED50S/840 PSD NB WH	White
66639399	4MX900 491 LED50S/840 PSU A30 WH	White

Order Code	Full Product Name	Housing Colour
66640999	4MX900 581 LED50S/840 PSU WB WH	White
66641699	4MX900 581 LED50S/840 PSU MB WH	White
66644799	4MX900 491 LED50S/840 PSU WB WH	White
66645499	4MX900 491 LED50S/840 PSU MB WH	White
66646199	4MX900 491 LED50S/840 PSU NB WH	White
66790199	4MX900 491 LED75S/840 PSU WB WH	White
66796399	4MX900 581 LED75S/840 PSU MB WH	White
66797099	4MX900 581 LED75S/840 PSU NB WH	White
66801499	4MX900 491 LED75S/840 PSD MB WH	White
66802199	4MX900 491 LED75S/840 PSD NB WH	White
66807699	4MX900 581 LED75S/840 PSD MB WH	White
66808399	4MX900 581 LED75S/840 PSD NB WH	White
66379899	4MX900 LED40S/840 PSD WB SI L1200	Silver
66436899	4MX900 LED60S/840 PSD WB SI L1800	Silver
66453599	4MX900 LED90S/840 PSD MB SI L1800	Silver

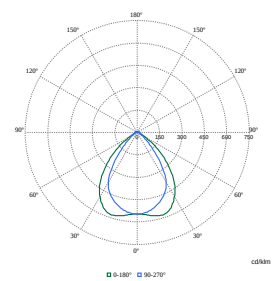
Polar Wide Diagrams



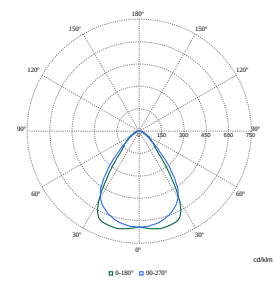
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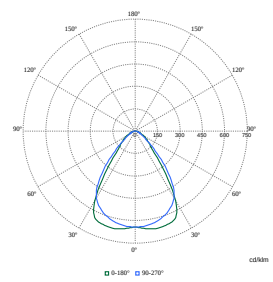
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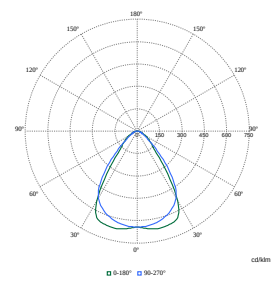
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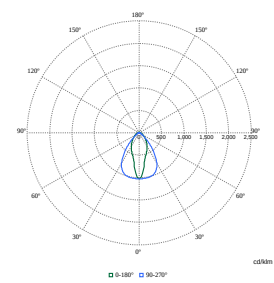
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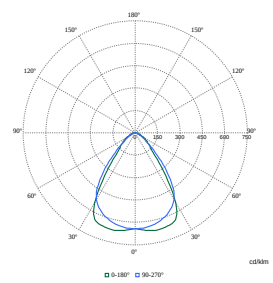
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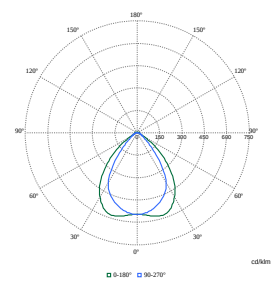
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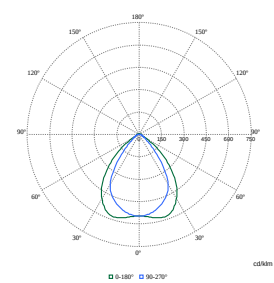


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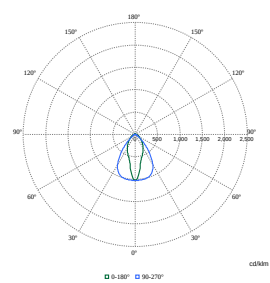


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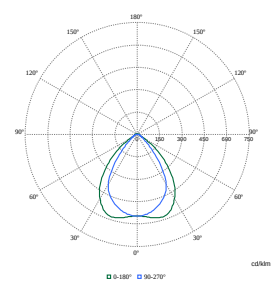
Polar Wide Diagrams



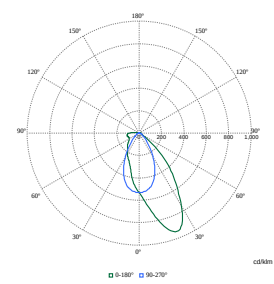
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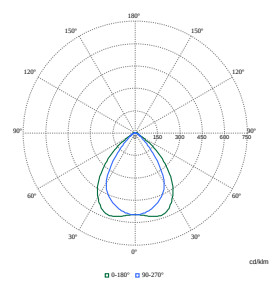
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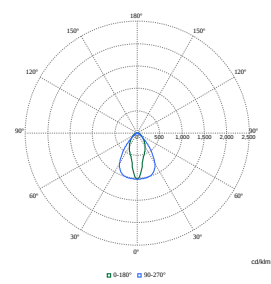
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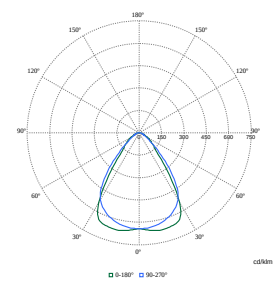
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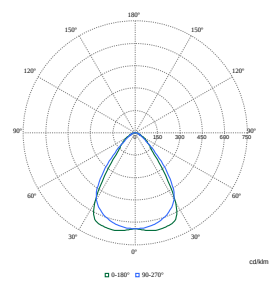
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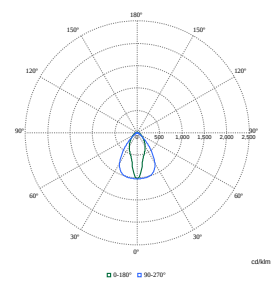
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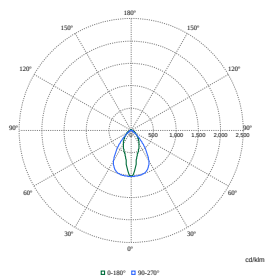
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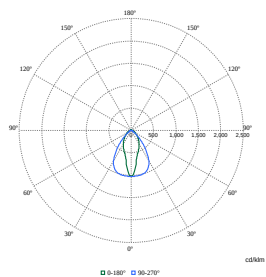
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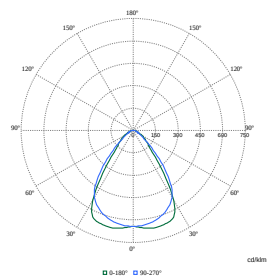
Polar Wide Diagrams



Polar Normal (separate) - 4MX900I - 910629171026



Polar Normal (separate) - 4MX900I - 910629172126



Polar Normal (separate) - 4MX900I - 910629146526

