



# 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

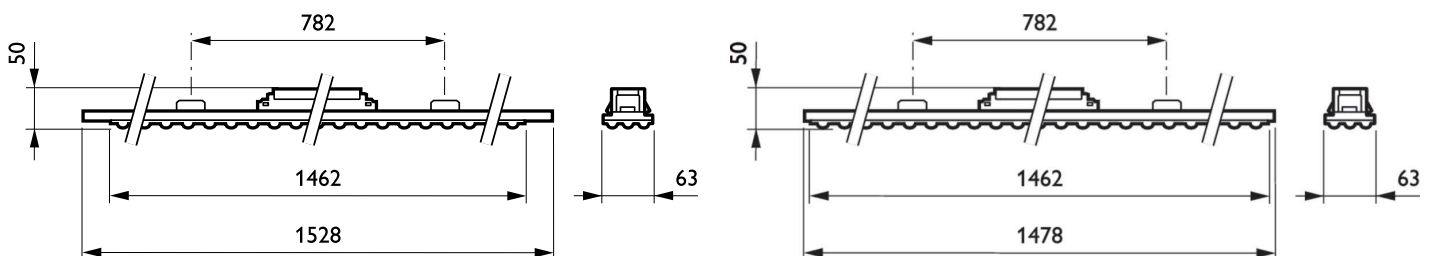
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

## 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)
Correlated Colour Temperature (Nom)	4000 K
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
Housing Colour	White
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)	
Initial chromaticity	(0.38, 0.38) SDCM <3.5
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
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	LED80S
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	LED66S
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
66168899	4MX850 491 LED40S/840 PSD WB WH	LED40S
66170199	4MX850 581 LED40S/840 PSD NB WH	LED40S
66262399	4MX850 491 LED55S/840 PSD DA20 WH	LED55S
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

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
67282099	4MX850 491 LED80S/840 PSD WB WH	166 lm/W	8,000 lm	Wide beam
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	166 lm/W	8,000 lm	Narrow beam
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	166 lm/W	6,600 lm	Wide beam
66120699	4MX850 491 LED55S/840 PSD WB WH	169 lm/W	5,500 lm	Wide beam
66124499	4MX850 581 LED55S/840 PSD WB WH	169 lm/W	5,500 lm	Wide beam
66166499	4MX850 491 LED40S/840 PSD NB WH	166 lm/W	4,000 lm	Narrow beam

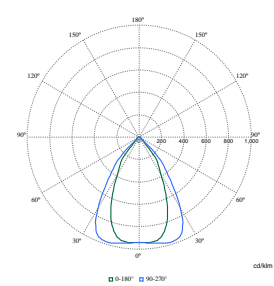
Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
66168899	4MX850 491 LED40S/840 PSD WB WH	166 lm/W	4,000 lm	Wide beam
66170199	4MX850 581 LED40S/840 PSD NB WH	166 lm/W	4,000 lm	Narrow beam
66262399	4MX850 491 LED55S/840 PSD DA20 WH	169 lm/W	5,500 lm	Double asymmetric optic 20°
66272299	4MX850 581 LED40S/840 PSD DA20 WH	166 lm/W	4,000 lm	Double asymmetric optic 20°
66603499	4MX850 491 LED66S/840 PSD NB WH	166 lm/W	6,600 lm	Narrow beam
66695999	4MX850 581 LED66S/840 PSD WB WH	166 lm/W	6,600 lm	Wide beam

Operating and Electrical

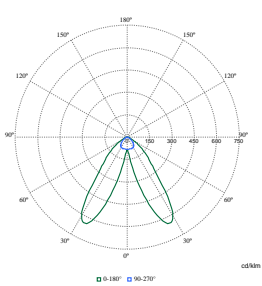
Order Code	Full Product Name	Power Consumption
67282099	4MX850 491 LED80S/840 PSD WB WH	48 W
88105799	4MX850 581 LED80S/840 PSD NB WH C-2R	48 W
88108899	4MX850 581 LED66S/840 PSD WB WH C-2R	39 W
66120699	4MX850 491 LED55S/840 PSD WB WH	32.5 W
66124499	4MX850 581 LED55S/840 PSD WB WH	32.5 W
66166499	4MX850 491 LED40S/840 PSD NB WH	24 W

Order Code	Full Product Name	Power Consumption
66168899	4MX850 491 LED40S/840 PSD WB WH	24 W
66170199	4MX850 581 LED40S/840 PSD NB WH	24 W
66262399	4MX850 491 LED55S/840 PSD DA20 WH	32.5 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

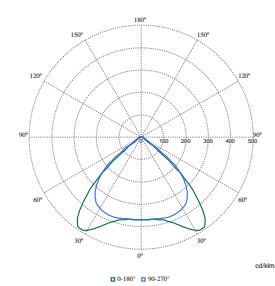
Polar Wide Diagrams



Polar Normal (separate) - 4MX850I - 910500460007

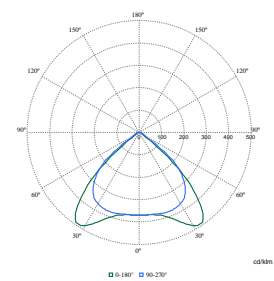


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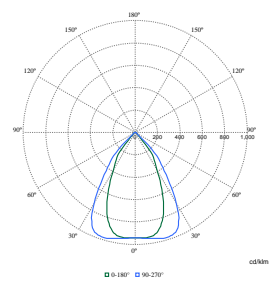


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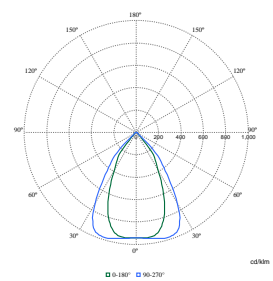
Polar Wide Diagrams



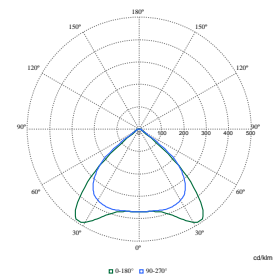
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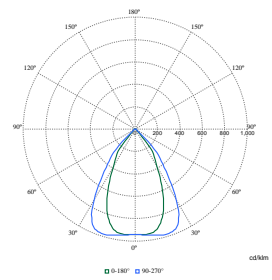
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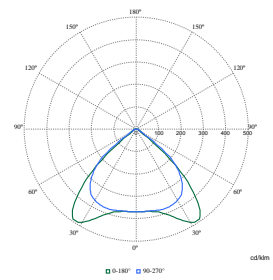
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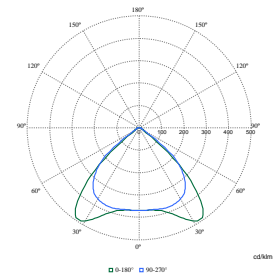
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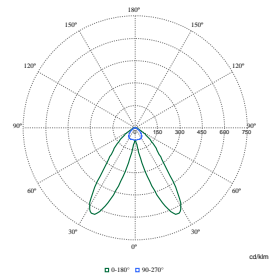
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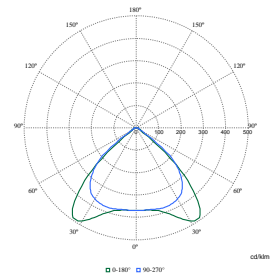
Polar Normal (separate) - 4MX850I - 910629120726



Polar Normal (separate) - 4MX850I - 910629120326



Polar Normal (separate) - 4MX850I - 910629124926



Polar Normal (separate) - 4MX850I - 910500460010

