



# 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

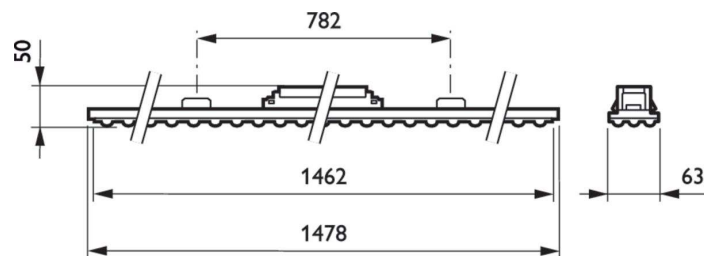
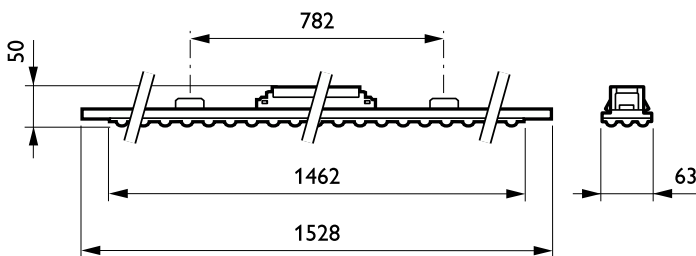


IPPR 4MX850i 0003



IPPR 4MX850i 0007

## 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
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%
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## Product Data

Product family code	4MX850
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## General Information

Order Code	Full Product Name	Lamp family code
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
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
66168899	4MX850 491 LED40S/840 PSD WB WH	LED40S

## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
67282099	4MX850 491 LED80S/840 PSD WB WH	4000 K	166 lm/W	8,000 lm	Wide beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
66127599	4MX850 491 LED55S/830 PSD WB SI	3000 K	169 lm/W	5,500 lm	Wide beam

# Maxos LED

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux	Optic type
		Temperature (Nom)	(rated) (Nom)		
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
66118399	4MX850 491 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux	Optic type
		Temperature (Nom)	(rated) (Nom)		
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
66124499	4MX850 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66168899	4MX850 491 LED40S/840 PSD WB WH	4000 K	166 lm/W	4,000 lm	Wide beam

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
67282099	4MX850 491 LED80S/840 PSD WB WH	48 W
66127599	4MX850 491 LED55S/830 PSD WB SI	32.5 W
66128299	4MX850 491 LED55S/840 PSD WB SI	32.5 W
66131299	4MX850 581 LED55S/830 PSD WB SI	32.5 W
66132999	4MX850 581 LED55S/840 PSD WB SI	32.5 W

Order Code	Full Product Name	Power Consumption
66118399	4MX850 491 LED55S/840 PSD NB WH	32.5 W
66119099	4MX850 491 LED55S/830 PSD WB WH	32.5 W
66120699	4MX850 491 LED55S/840 PSD WB WH	32.5 W
66124499	4MX850 581 LED55S/840 PSD WB WH	32.5 W
66168899	4MX850 491 LED40S/840 PSD WB WH	24 W

## Mechanical and Housing

Order Code	Full Product Name	Housing Color
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

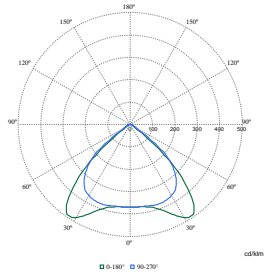
Order Code	Full Product Name	Housing Color
66118399	4MX850 491 LED55S/840 PSD NB WH	White
66119099	4MX850 491 LED55S/830 PSD WB WH	White
66120699	4MX850 491 LED55S/840 PSD WB WH	White
66124499	4MX850 581 LED55S/840 PSD WB WH	White
66168899	4MX850 491 LED40S/840 PSD WB WH	White

## Initial Performance (IEC Compliant)

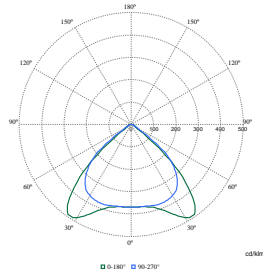
Order Code	Full Product Name	Initial chromaticity
67282099	4MX850 491 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
66127599	4MX850 491 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66128299	4MX850 491 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
66131299	4MX850 581 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
66132999	4MX850 581 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
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
66168899	4MX850 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

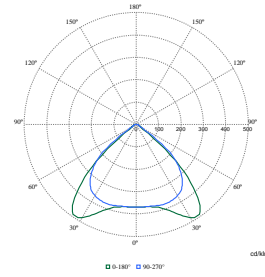
## Polar Wide Diagrams



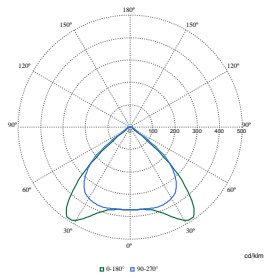
**Polar Normal (separate) - 4MX850I - 910629121126**



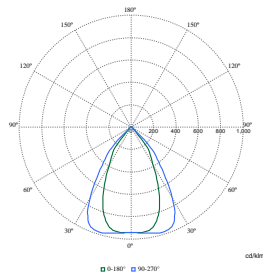
**Polar Normal (separate) - 4MX850I - 910629167526**



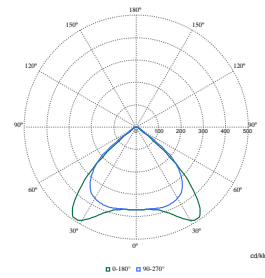
**Polar Normal (separate) - 4MX850I - 910629121926**



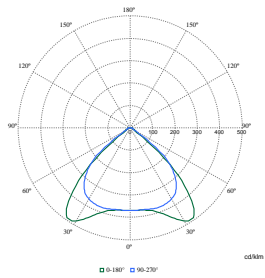
**Polar Normal (separate) - 4MX850I - 910629121526**



**Polar Normal (separate) - 4MX850I - 910629120126**



**Polar Normal (separate) - 4MX850I - 910629120726**



**Polar Normal (separate) - 4MX850I - 910629120326**

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