



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

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

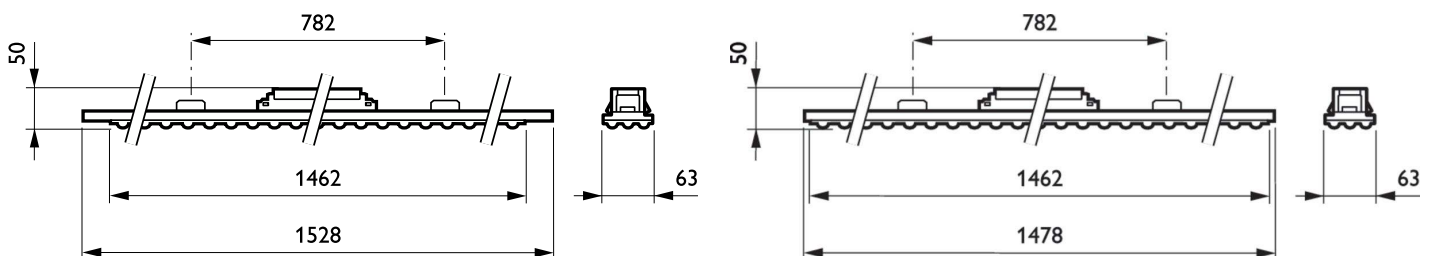
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

Versions



IPPR 4MX850i 0003

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	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%
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
66125199	4MX850 491 LED55S/830 PSD NB SI	LED55S
66126899	4MX850 491 LED55S/840 PSD NB SI	LED55S
66127599	4MX850 491 LED55S/830 PSD WB SI	LED55S
66128299	4MX850 491 LED55S/840 PSD WB SI	LED55S
66129999	4MX850 581 LED55S/830 PSD NB SI	LED55S
66130599	4MX850 581 LED55S/840 PSD NB SI	LED55S
66131299	4MX850 581 LED55S/830 PSD WB SI	LED55S
66132999	4MX850 581 LED55S/840 PSD WB SI	LED55S
66117699	4MX850 491 LED55S/830 PSD NB WH	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
66121399	4MX850 581 LED55S/830 PSD NB WH	LED55S
66122099	4MX850 581 LED55S/840 PSD NB WH	LED55S
66123799	4MX850 581 LED55S/830 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	Full Product	Correlated Color	Luminous Efficacy	Luminous	Optic
Code	Name	Temperature (Nom)	(rated) (Nom)	Flux	type
67282099	4MX850 491 LED80S/840 PSD WB WH	4000 K	166 lm/W	8,000 lm	Wide beam

Order	Full Product	Correlated Color	Luminous Efficacy	Luminous	Optic
Code	Name	Temperature (Nom)	(rated) (Nom)	Flux	type
66125199	4MX850 491 LED55S/830 PSD NB SI	3000 K	160 lm/W	5,200 lm	Narrow beam

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux	Optic type
		Temperature (Nom)	(rated) (Nom)		
66126899	4MX850 491 LED55S/840 PSD NB SI	4000 K	169 lm/W	5,500 lm	Narrow beam
66127599	4MX850 491 LED55S/830 PSD WB SI	3000 K	160 lm/W	5,200 lm	Wide beam
66128299	4MX850 491 LED55S/840 PSD WB SI	4000 K	169 lm/W	5,500 lm	Wide beam
66129999	4MX850 581 LED55S/830 PSD NB SI	3000 K	160 lm/W	5,200 lm	Narrow beam
66130599	4MX850 581 LED55S/840 PSD NB SI	4000 K	169 lm/W	5,500 lm	Narrow beam
66131299	4MX850 581 LED55S/830 PSD WB SI	3000 K	160 lm/W	5,200 lm	Wide beam
66132999	4MX850 581 LED55S/840 PSD WB SI	4000 K	169 lm/W	5,500 lm	Wide beam
66117699	4MX850 491 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux	Optic type
		Temperature (Nom)	(rated) (Nom)		
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
66120699	4MX850 491 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
66121399	4MX850 581 LED55S/830 PSD NB WH	3000 K	160 lm/W	5,200 lm	Narrow beam
66122099	4MX850 581 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam
66123799	4MX850 581 LED55S/830 PSD WB WH	3000 K	160 lm/W	5,200 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
66125199	4MX850 491 LED55S/830 PSD NB SI	32.5 W
66126899	4MX850 491 LED55S/840 PSD NB SI	32.5 W
66127599	4MX850 491 LED55S/830 PSD WB SI	32.5 W
66128299	4MX850 491 LED55S/840 PSD WB SI	32.5 W
66129999	4MX850 581 LED55S/830 PSD NB SI	32.5 W
66130599	4MX850 581 LED55S/840 PSD NB 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
66117699	4MX850 491 LED55S/830 PSD NB WH	32.5 W
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
66121399	4MX850 581 LED55S/830 PSD NB WH	32.5 W
66122099	4MX850 581 LED55S/840 PSD NB WH	32.5 W
66123799	4MX850 581 LED55S/830 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
66125199	4MX850 491 LED55S/830 PSD NB SI	Silver
66126899	4MX850 491 LED55S/840 PSD NB SI	Silver
66127599	4MX850 491 LED55S/830 PSD WB SI	Silver
66128299	4MX850 491 LED55S/840 PSD WB SI	Silver
66129999	4MX850 581 LED55S/830 PSD NB SI	Silver
66130599	4MX850 581 LED55S/840 PSD NB SI	Silver

Order Code	Full Product Name	Housing Color
66131299	4MX850 581 LED55S/830 PSD WB SI	Silver
66132999	4MX850 581 LED55S/840 PSD WB SI	Silver
66117699	4MX850 491 LED55S/830 PSD NB WH	White
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
66121399	4MX850 581 LED55S/830 PSD NB WH	White

Order Code	Full Product Name	Housing Color
66122099	4MX850 581 LED55S/840 PSD NB WH	White
66123799	4MX850 581 LED55S/830 PSD WB WH	White

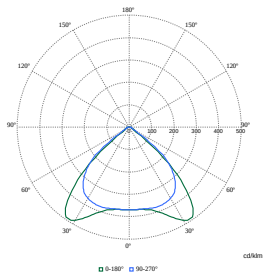
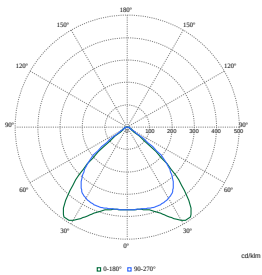
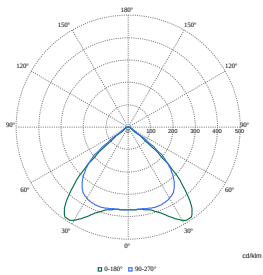
Order Code	Full Product Name	Housing Color
66124499	4MX850 581 LED55S/840 PSD WB WH	White
66168899	4MX850 491 LED40S/840 PSD WB WH	White

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
66125199	4MX850 491 LED55S/830 PSD NB SI	(0.43, 0.40) SDCM <3.5
66126899	4MX850 491 LED55S/840 PSD NB SI	(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
66129999	4MX850 581 LED55S/830 PSD NB SI	(0.43, 0.40) SDCM <3.5
66130599	4MX850 581 LED55S/840 PSD NB 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
66117699	4MX850 491 LED55S/830 PSD NB WH	(0.43, 0.40) 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
66121399	4MX850 581 LED55S/830 PSD NB WH	(0.43, 0.40) SDCM <3.5
66122099	4MX850 581 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
66123799	4MX850 581 LED55S/830 PSD WB WH	(0.43, 0.40) 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

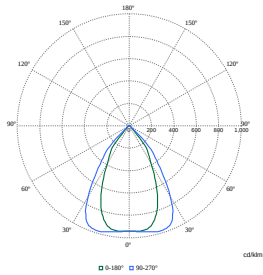
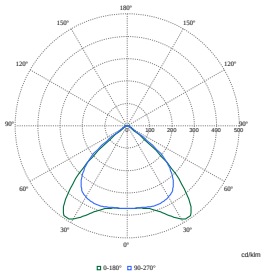
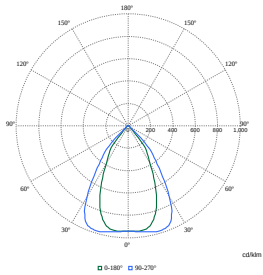
Polar Wide Diagrams



Polar Normal (separate) - 4MX850I - 910629121126

Polar Normal (separate) - 4MX850I - 910629167526

Polar Normal (separate) - 4MX850I - 910629121926

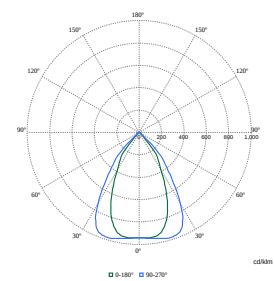


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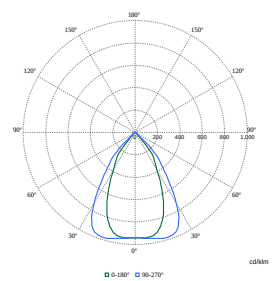
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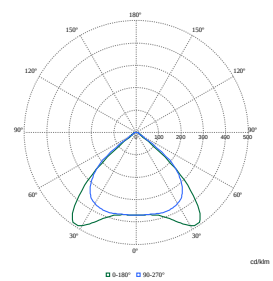
Polar Wide Diagrams



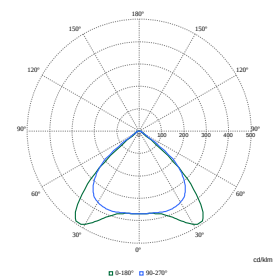
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Polar Normal (separate) - 4MX850I - 910629121326



Polar Normal (separate) - 4MX850I - 910629120726



Polar Normal (separate) - 4MX850I - 910629120326

