



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 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 and TTX400 rails for TL5 49 W and TL-D 58 W lengths

Application

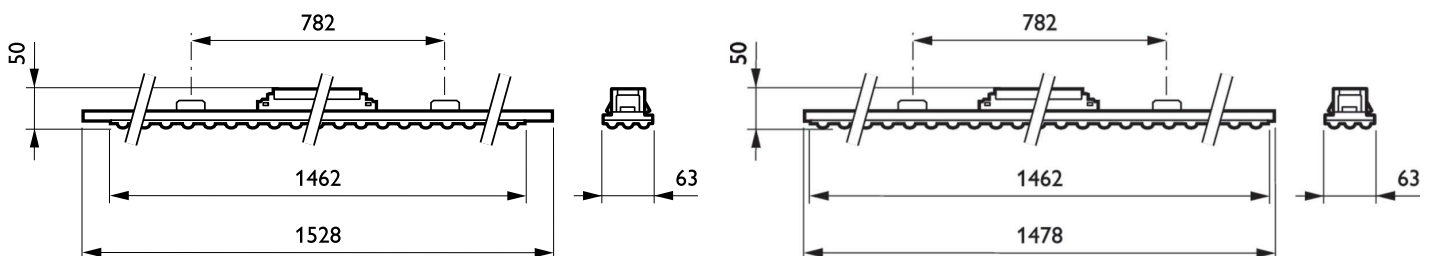
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

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
910629167526	4MX850 491 LED80S/840 PSD WB WH	LED80S
910629121026	4MX850 491 LED55S/830 PSD WB SI	LED55S
910629121126	4MX850 491 LED55S/840 PSD WB SI	LED55S
910629121426	4MX850 581 LED55S/830 PSD WB SI	LED55S
910629121526	4MX850 581 LED55S/840 PSD WB SI	LED55S
910629120126	4MX850 491 LED55S/840 PSD NB WH	LED55S
910629120226	4MX850 491 LED55S/830 PSD WB WH	LED55S
910629120326	4MX850 491 LED55S/840 PSD WB WH	LED55S
910629120726	4MX850 581 LED55S/840 PSD WB WH	LED55S
910629121926	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
910629167526	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
910629121026	4MX850 491 LED55S/830 PSD WB SI	3000 K	169 lm/W	5,500 lm	Wide beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629121126	4MX850 491 LED55S/840 PSD WB SI	4000 K	169 lm/W	5,500 lm	Wide beam
910629121426	4MX850 581 LED55S/830 PSD WB SI	3000 K	169 lm/W	5,500 lm	Wide beam
910629121526	4MX850 581 LED55S/840 PSD WB SI	4000 K	169 lm/W	5,500 lm	Wide beam
910629120126	4MX850 491 LED55S/840 PSD NB WH	4000 K	169 lm/W	5,500 lm	Narrow beam

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
910629120226	4MX850 491 LED55S/830 PSD WB WH	3000 K	169 lm/W	5,500 lm	Wide beam
910629120326	4MX850 491 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
910629120726	4MX850 581 LED55S/840 PSD WB WH	4000 K	169 lm/W	5,500 lm	Wide beam
910629121926	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
910629167526	4MX850 491 LED80S/840 PSD WB WH	48 W
910629121026	4MX850 491 LED55S/830 PSD WB SI	32.5 W
910629121126	4MX850 491 LED55S/840 PSD WB SI	32.5 W
910629121426	4MX850 581 LED55S/830 PSD WB SI	32.5 W
910629121526	4MX850 581 LED55S/840 PSD WB SI	32.5 W

Order Code	Full Product Name	Power Consumption
910629120126	4MX850 491 LED55S/840 PSD NB WH	32.5 W
910629120226	4MX850 491 LED55S/830 PSD WB WH	32.5 W
910629120326	4MX850 491 LED55S/840 PSD WB WH	32.5 W
910629120726	4MX850 581 LED55S/840 PSD WB WH	32.5 W
910629121926	4MX850 491 LED40S/840 PSD WB WH	24 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
910629167526	4MX850 491 LED80S/840 PSD WB WH	White
910629121026	4MX850 491 LED55S/830 PSD WB SI	Silver
910629121126	4MX850 491 LED55S/840 PSD WB SI	Silver
910629121426	4MX850 581 LED55S/830 PSD WB SI	Silver
910629121526	4MX850 581 LED55S/840 PSD WB SI	Silver

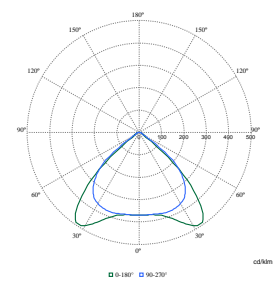
Order Code	Full Product Name	Housing Color
910629120126	4MX850 491 LED55S/840 PSD NB WH	White
910629120226	4MX850 491 LED55S/830 PSD WB WH	White
910629120326	4MX850 491 LED55S/840 PSD WB WH	White
910629120726	4MX850 581 LED55S/840 PSD WB WH	White
910629121926	4MX850 491 LED40S/840 PSD WB WH	White

Initial Performance (IEC Compliant)

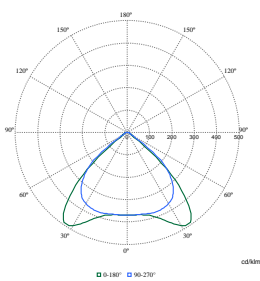
Order Code	Full Product Name	Initial chromaticity
910629167526	4MX850 491 LED80S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629121026	4MX850 491 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
910629121126	4MX850 491 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5
910629121426	4MX850 581 LED55S/830 PSD WB SI	(0.43, 0.40) SDCM <3.5
910629121526	4MX850 581 LED55S/840 PSD WB SI	(0.38, 0.38) SDCM <3.5

Order Code	Full Product Name	Initial chromaticity
910629120126	4MX850 491 LED55S/840 PSD NB WH	(0.38, 0.38) SDCM <3.5
910629120226	4MX850 491 LED55S/830 PSD WB WH	(0.43, 0.40) SDCM <3.5
910629120326	4MX850 491 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629120726	4MX850 581 LED55S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5
910629121926	4MX850 491 LED40S/840 PSD WB WH	(0.38, 0.38) SDCM <3.5

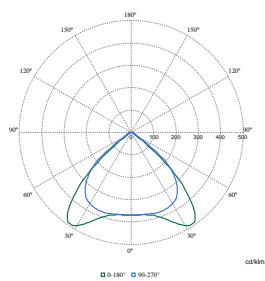
Polar Wide Diagrams



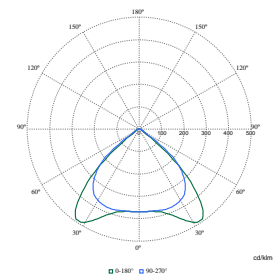
Polar Normal (separate) - 4MX850I - 910629121126



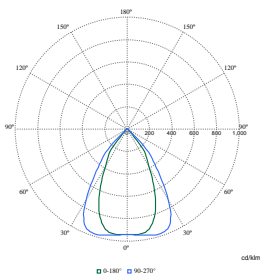
Polar Normal (separate) - 4MX850I - 910629167526



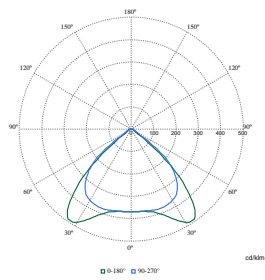
Polar Normal (separate) - 4MX850I - 910629121926



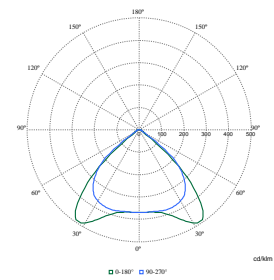
Polar Normal (separate) - 4MX850I - 910629121526



Polar Normal (separate) - 4MX850I - 910629120126



Polar Normal (separate) - 4MX850I - 910629120726



Polar Normal (separate) - 4MX850I - 910629120326

