



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

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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

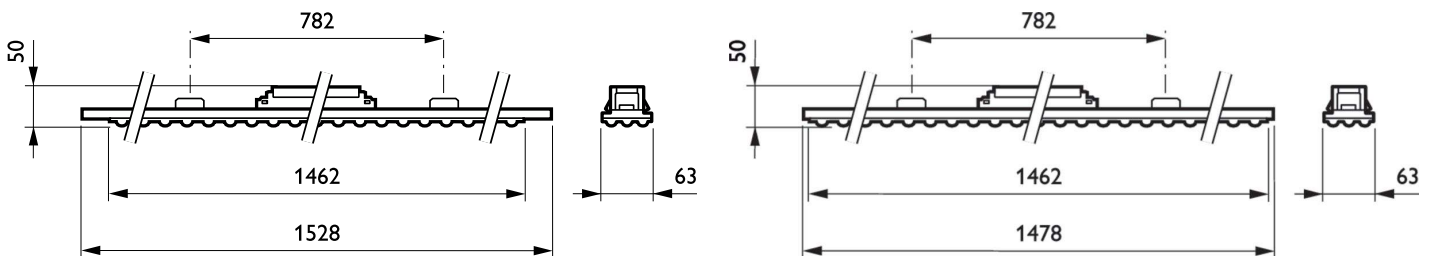
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

Versions



IPPR 4MX850i 0003

Dimensional drawing



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Product details



IPDP_4MX850i_0001-Detail photo



IPDP_4MX850i_0003-Detail photo



IPDP_4MX850i_0005-Detail photo

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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
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General Information

Order Code	Full Product Name	Lamp family code
910629167526	4MX850 491 LED80S/840 PSD WB WH	LED80S
910500460007	4MX850 581 LED80S/840 PSD NB WH C-2R	LED80S
910500460010	4MX850 581 LED66S/840 PSD WB WH C-2R	LED66S
910629120326	4MX850 491 LED55S/840 PSD WB WH	LED55S
910629120726	4MX850 581 LED55S/840 PSD WB WH	LED55S
910629121726	4MX850 491 LED40S/840 PSD NB WH	LED40S
910629121926	4MX850 491 LED40S/840 PSD WB WH	LED40S
910629122126	4MX850 581 LED40S/840 PSD NB WH	LED40S
910629124926	4MX850 491 LED55S/840 PSD DA20 WH	LED55S
910629125926	4MX850 581 LED40S/840 PSD DA20 WH	LED40S
910629158226	4MX850 491 LED66S/840 PSD NB WH	LED66S
910629160326	4MX850 581 LED66S/840 PSD WB WH	LED66S

Light Technical

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Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
910629167526	4MX850 491 LED80S/840 PSD WB WH	166 lm/W	8,000 lm	Wide beam
910500460007	4MX850 581 LED80S/840 PSD NB WH C-2R	166 lm/W	8,000 lm	Narrow beam
910500460010	4MX850 581 LED66S/840 PSD WB WH C-2R	166 lm/W	6,600 lm	Wide beam
910629120326	4MX850 491 LED55S/840 PSD WB WH	169 lm/W	5,500 lm	Wide beam
910629120726	4MX850 581 LED55S/840 PSD WB WH	169 lm/W	5,500 lm	Wide beam
910629121726	4MX850 491 LED40S/840 PSD NB WH	166 lm/W	4,000 lm	Narrow beam

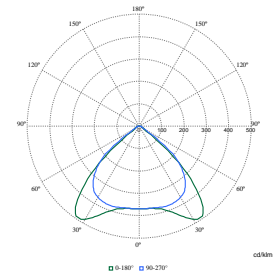
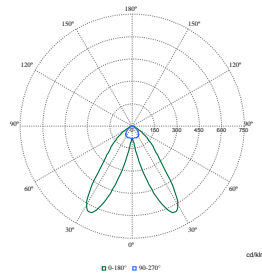
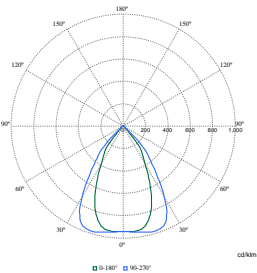
Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
910629121926	4MX850 491 LED40S/840 PSD WB WH	166 lm/W	4,000 lm	Wide beam
910629122126	4MX850 581 LED40S/840 PSD NB WH	166 lm/W	4,000 lm	Narrow beam
910629124926	4MX850 491 LED55S/840 PSD DA20 WH	169 lm/W	5,500 lm	Double asymmetric optic 20°
910629125926	4MX850 581 LED40S/840 PSD DA20 WH	166 lm/W	4,000 lm	Double asymmetric optic 20°
910629158226	4MX850 491 LED66S/840 PSD NB WH	166 lm/W	6,600 lm	Narrow beam
910629160326	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
910629167526	4MX850 491 LED80S/840 PSD WB WH	48 W
910500460007	4MX850 581 LED80S/840 PSD NB WH C-2R	48 W
910500460010	4MX850 581 LED66S/840 PSD WB WH C-2R	39 W
910629120326	4MX850 491 LED55S/840 PSD WB WH	32.5 W
910629120726	4MX850 581 LED55S/840 PSD WB WH	32.5 W
910629121726	4MX850 491 LED40S/840 PSD NB WH	24 W

Order Code	Full Product Name	Power Consumption
910629121926	4MX850 491 LED40S/840 PSD WB WH	24 W
910629122126	4MX850 581 LED40S/840 PSD NB WH	24 W
910629124926	4MX850 491 LED55S/840 PSD DA20 WH	32.5 W
910629125926	4MX850 581 LED40S/840 PSD DA20 WH	24 W
910629158226	4MX850 491 LED66S/840 PSD NB WH	39 W
910629160326	4MX850 581 LED66S/840 PSD WB WH	39 W

Polar Wide Diagrams

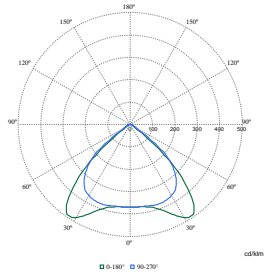


Polar Normal (separate) - 4MX8501 - 910500460007

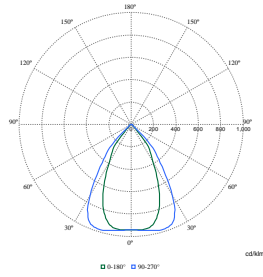
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Polar Normal (separate) - 4MX8501 - 910629167526

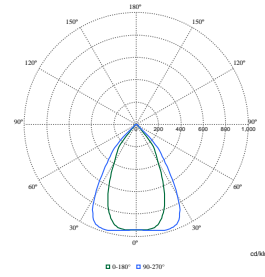
Polar Wide Diagrams



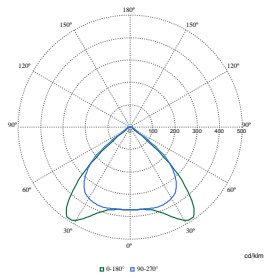
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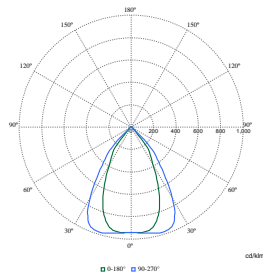
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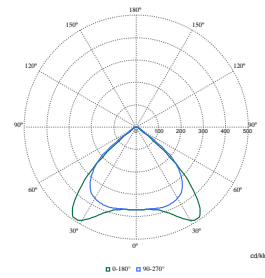
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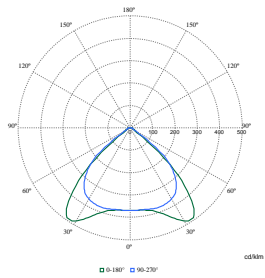
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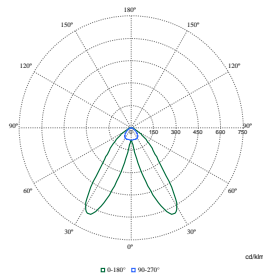
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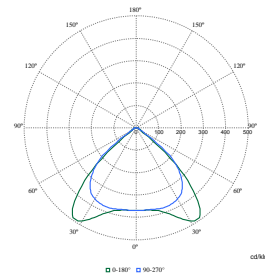
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Polar Normal (separate) - 4MX850I - 910629120326



Polar Normal (separate) - 4MX850I - 910629124926



Polar Normal (separate) - 4MX850I - 910500460010

