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 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

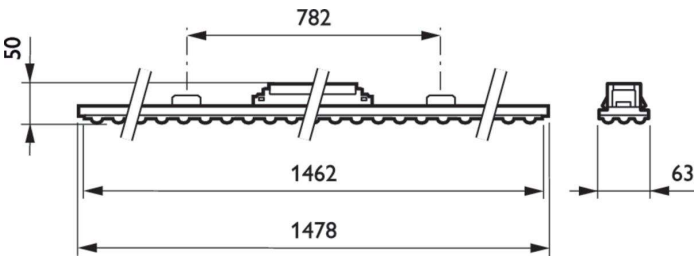
- Industry
- Warehouses
- Supermarkets, DIY stores, electronics retailers
- Showrooms

Versions

Maxos LED Industry

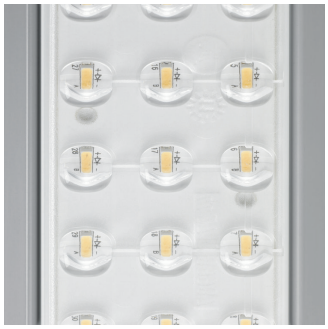
IPPR 4MX850i 0007

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	-
Lamp family code	LED40S
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	166 lm/W
Luminous Flux	4,000 lm
Number of light sources	1
Optic type	Narrow beam

Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Power Consumption	24 W
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)	
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Luminous flux tolerance	+/-10%

Product Data	
Product family code	4MX850

Mechanical and Housing

Order Code	Full Product Name	Housing Color
910629122526	4MX850 491 LED40S/840 PSD NB SI	Silver
910629121726	4MX850 491 LED40S/840 PSD NB WH	White

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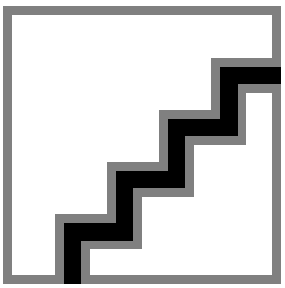
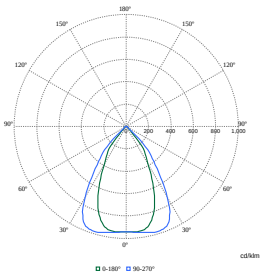
Polar Wide Diagrams



Polar Normal (separate) - 4MX850I - 910629121726



Polar Normal (separate) - 4MX850I - 910629122526

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