

Maxos LED

4MX850



Maxos LED General Lighting – innovative, flexible solution delivers ideal light output

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 General Lighting offers best-in-class energy savings while delivering high lux levels at the required colour temperatures and glare factors. The minimalistic Maxos LED General Lighting 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

Applications

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

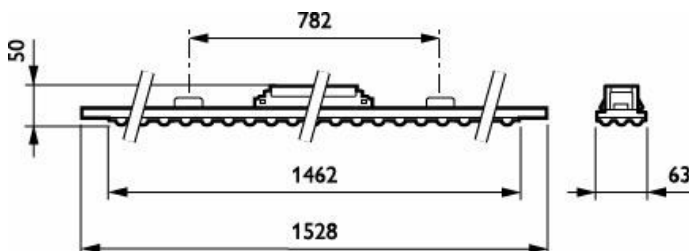
Versions

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



Dimensional drawing



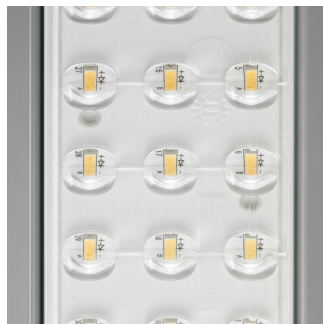
Maxos Led Industry - Generation 3 - 1 unit for TL-D 58 W - LED Module, system flux 5500 lm - 840 neutral white - Power supply unit with DALI interface - Wide beam - Connection unit 5-pole - Silver

Product details

IPDP_4MX850i_0001-Detail photo



IPDP_4MX850i_0003-Detail photo





General Information

Lamp family code	LED55S [LED Module, system flux 5500 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Service tag	Yes

Light Technical

Luminous Flux	5,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	169 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
Optic type	Wide beam

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Power Consumption	32.5 W
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%

Mechanical and Housing

Housing Color	Silver
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polymethyl methacrylate bowl/cover

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	-20 to +35 °C

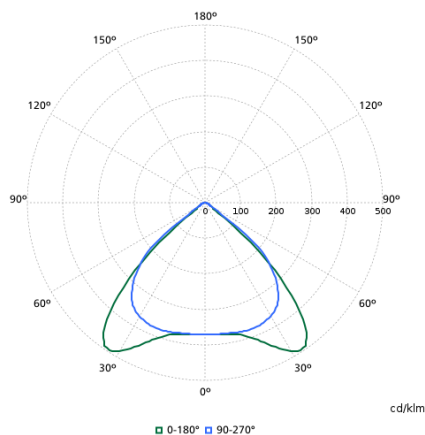
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5

Product Data

Product family code	4MX850 [Maxos Led Industry]
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Polar normal diagrams



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