



Maxos LED

4MX850 491 LED55S/840 PSD DA20 WH

Maxos Led Industry - 1 unit for TL5 49 W - LED Module, system flux 5500 lm - 840 neutral white - Power supply unit with DALI interface - Double asymmetric optic 20° - White

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.

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED55S [LED Module, system flux 5500 lm]
Beam angle of light source	120 °
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes

Optic type	DA20 [Double asymmetric optic 20°]
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	20°
Control interface	DALI
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	D [For mounting on easily flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark

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UL mark	No
Warranty period	5 years
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
Product Family Code	4MX850 [Maxos Led Industry]

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	22 A
Inrush time	0.275 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Trunking length	491 [1 unit for TL5 49 W]
Housing material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1478 mm
Overall width	63 mm
Overall height	50 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	5500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	153 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions

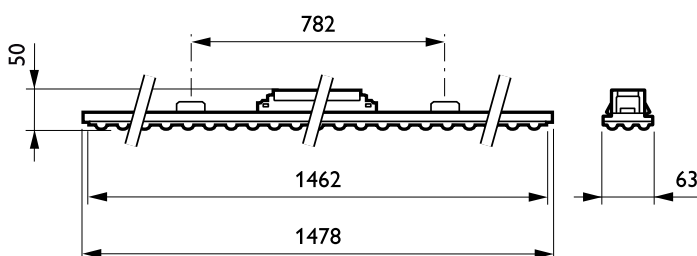
Ambient temperature range	-20 to +35 °C
Average ambient temperature	35 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	403073266262399
Order product name	4MX850 491 LED55S/840 PSD DA20 WH
EAN/UPC – product	4030732662623
Order code	66262399
Numerator – quantity per pack	1
Numerator – packs per outer box	3
Material no. (12NC)	910629124926
Net weight (piece)	1.765 kg



Dimensional drawing



Maxos LED electr. units 4MX850

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