



Maxos LED Performer

4MX900 491 LED50S/840 PSU NB WH

Maxos LED Performer - Generation 3 - 1 unit for TL5 49 W - LED Module, system flux 5000 lm - 840 neutral white - Power supply unit - Narrow beam - White

Customers want to save energy and reduce cost compared to what they are used to with conventional lighting. At the same time, excellent lighting conditions are needed: in industrial environments, to guarantee safety and productivity; and in retail environments, to make the merchandise stand out and attract shoppers. Maxos LED Performer is an extremely flexible solution that delivers low energy consumption and excellent beam shaping at an attractive investment level.

Product data

General Information		Flammability mark	NO [-]
Number of light sources	1 [1 pc]	CE mark	CE mark
Lamp family code	LED50S [LED Module, system flux 5000 lm]	ENEC mark	ENEC mark
Beam angle of light source	120 °	Warranty period	5 years
Light source color	840 neutral white	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB of 16 A type	24
Driver/power unit/transformer	PSU [Power supply unit]	B	
Driver included	Yes	EU RoHS compliant	Yes
Optic type	NB [Narrow beam]	Service tag	Yes
Luminaire light beam spread	34°		
Emergency lighting	No [-]		
Connection	CU3 [Connection unit 3-pole]		
Cable	-		
Protection class IEC	Safety class I (I)		
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]		

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Product family code	4MX900 [Maxos LED Performer]
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	17.8 A
Inrush time	0.282 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Trunking length	491 [1 unit for TL5 49 W]
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Clear
Overall length	1479 mm
Overall width	87 mm
Overall height	82 mm
Color	White
Dimensions (Height x Width x Depth)	82 x 87 x 1479 mm (3.2 x 3.4 x 58.2 in)

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Initial input power	35.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

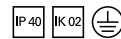
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Full product code	403073266646199
Order product name	4MX900 491 LED50S/840 PSU NB WH
EAN/UPC - Product	4030732666461
Order code	66646199
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	910629146626
Net Weight (Piece)	2.345 kg



Dimensional drawing

953

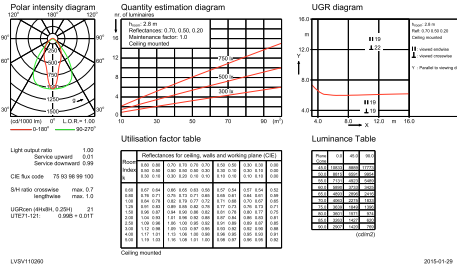
Maxos LED Performer 4MX900-933

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Photometric data

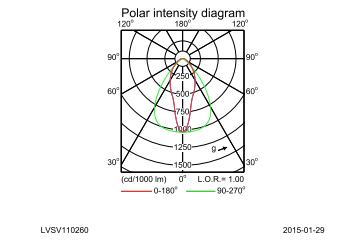
4MX900 G3 491 1xLED50S/840 PSU NB

1 x 5000 lm



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1 x 5000 lm



IFGU_4MX900 G3 491 1xLED50S/840 PSU NB-General uniform lighting

IFPC_4MX900 G3 491 1xLED50S/840 PSU NB-Polar Indoor (combined)

