



# Maxos LED Performer

## 4MX900 581 LED50S/840 PSU A30 SI

Maxos LED Performer, Trunking light panel, 32.2 W, L1530 mm, 5000 lm, 4000 K, Asymmetrical mirror axis angle 30°, Clear, Silver, IP40

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		Light Technical	
Lamp family code	LED50S [LED module, system flux 5000 lm]	Luminous Flux	5,000 lm
Light source replaceable	No	Saturated Red (R9)	<50
Number of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	155 lm/W
Service tag	Yes	Color rendering index (CRI)	>80
Lighting Technology	LED	Number of light sources	1
Value ladder	Performance	Beam angle of light source	120 degree(s)
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts	Light source color	840 neutral white
Warranty period	5 years	Optic type	Asymmetrical mirror axis angle 30°
Sustainability rating	Unclassified	Luminaire light beam spread	30°
		Unified glare rating CEN	Not applicable
		Operating and Electrical	
		Input Voltage	220 to 240 V
		Line Frequency	50 to 60 Hz

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Inrush current	17.8 A
Inrush time	0.282 ms
Power Consumption	32.2 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	Not applicable
Protection class IEC	Safety class I
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Silver
Optical cover finish	Clear
Overall length	1,530 mm
Overall width	87 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 87 x 1530 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.600 kg

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.
Ambient temperature range	-20 to +40 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

## Over Time Performance (IEC Compliant)

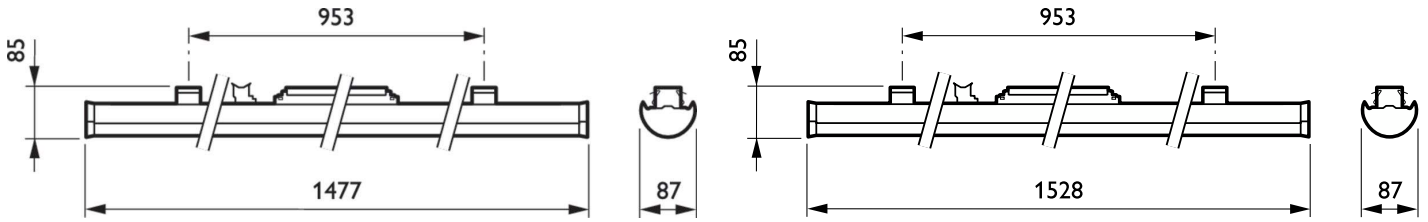
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

## Product Data

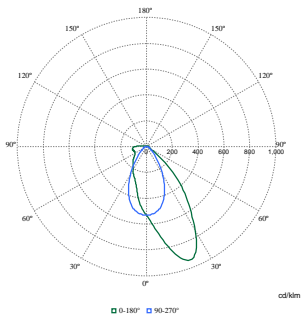
Order product name	4MX900 581 LED50S/840 PSU A30 SI
Full product name	4MX900 581 LED50S/840 PSU A30 SI
Full product code	403073267195399
Order code	910629177526
Material Nr. (12NC)	910629177526
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732671953
Numerator - Packs per outer box	2
EAN/UPC - Case	4030732272433
Product family code	4MX900 [Maxos LED Performer]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 4MX9001 - 910629177526

