



Maxos LED Performer

4MX900 581 LED75S/840 PSU MB WH

Maxos LED Performer, Trunking light panel, 50.2 W, L1530 mm, 7500 lm, 4000 K, Medium beam, Clear, White, 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		Saturated Red (R9)	
Lamp family code	LED75S [LED Module, system flux 7500 lm]		<50
Light source replaceable	No	Correlated Colour Temperature (Nom)	4000 K
Number of gear units	Unit	Luminous efficacy (rated) (nom.)	149 lm/W
Driver included	Yes	Colour rendering index (CRI)	>80
Service Tag	Yes	Number of light sources	1
Lighting Technology	LED	Beam angle of light source	120 degree(s)
Value ladder	Performance	Light source colour	840 neutral white
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts	Optic type	Medium beam
Warranty period	5 years	Luminaire light beam spread	70°
Sustainability rating	Unclassified	Unified Glare Rating (CEN)	Not applicable
Light Technical		Operating and Electrical	
Luminous Flux	7,500 lm	Input Voltage	220 to 240 V
		Line Frequency	50 to 60 Hz
		Inrush current	17.8 A
		Inrush time	0.282 ms
		Power Consumption	50.2 W

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Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB (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	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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	* – According to the Lighting Europe guidance paper 'Evaluating the performance of LED -based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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)

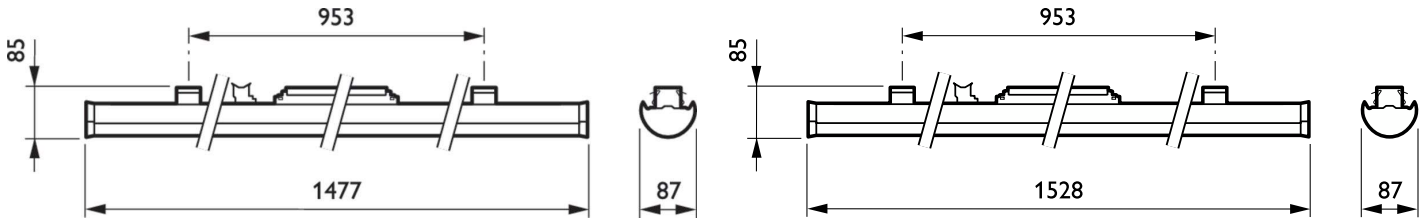
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Product Data

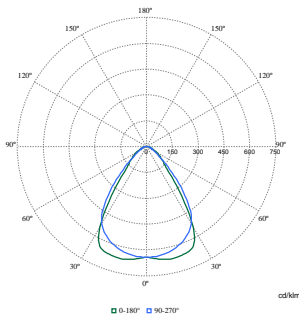
Order product name	4MX900 581 LED75S/840 PSU MB WH
Full product name	4MX900 581 LED75S/840 PSU MB WH
Full EOC	403073266796399
Order code	910629170926
Material no. (12 NC)	910629170926
Numerator – quantity per pack	1
EAN/UPC – Product/Case	4030732667963
Numerator – packs per outer box	2
EAN/UPC – Case	4030732266661
Product family code	4MX900 [Maxos LED Performer]

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Dimensional drawing



Photometric data



Polar Normal (separate) - 4MX9001 - 910629170926

