



# Maxos LED Performer

## 4MX900 LED40S/840 PSD-CLO DA20 WH L1200

Maxos LED Performer, Generation 3, LED module, system flux 4000 lm, 840 neutral white, Power supply unit with DALI interface and constant light output, Double asymmetric optic 20°, 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		Value ladder	
Lamp family code	LED40S [LED module, system flux 4000 lm]	Embedded control	Performance
Light source replaceable	No	CE mark	Constant light output
Number of gear units	1 unit	Warranty period	Yes
Driver included	Yes	Flammability mark	5 years
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.	ENEC mark	-
Service tag	Yes	Glow-wire test	ENEC mark
Product family code	4MX900 [Maxos LED Performer]	EU RoHS compliant	Temperature 650 °C, duration 30 s
Lighting Technology	LED		Yes
		Light Technical	
		Luminous Flux	4,000 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	143 lm/W
		Color rendering index (CRI)	≥80
		Number of light sources	1

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Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Double asymmetric optic 20°
Luminaire light beam spread	20°
Unified glare rating CEN	Not applicable

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	26 W
Average CLO power consumption	29.3 W
Inrush current	21 A
Inrush time	0.280 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	24

## Temperature

Ambient temperature range	-20 to +40 °C
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## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Control interface	DALI
Constant light output	Yes

## Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Clear
Overall length	1,200 mm

Overall width	87 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 87 x 1200 mm

## Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

## Initial Performance (IEC Compliant)

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

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

## Product Data

Order product name	4MX900 LED40S/840 PSD-CLO DA20 WH L1200
Full product name	4MX900 LED40S/840 PSD-CLO DA20 WH L1200
Full product code	871869685356699
Order code	910500457798
Material Nr. (12NC)	910500457798
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696853566
Numerator - Packs per outer box	2
EAN/UPC - Case	8718696854853

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### Dimensional drawing

