



# Maxos LED Performer

## 4MX900 491 LED75S/830 PSD WB WH

Maxos LED Performer, LED Module, system flux 7500 lm, 830 warm white, Power supply unit with DALI interface, Wide 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	
Lamp family code	LED75S [LED Module, system flux 7500 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
Service tag	Yes
Product family code	4MX900 [Maxos LED Performer]
Lighting Technology	LED

Value ladder		Performance	
CE mark		Yes	
Warranty period		5 years	
Flammability mark		-	
ENEC mark		ENEC mark	
Glow-wire test		Temperature 650 °C, duration 30 s	
EU RoHS compliant		Yes	
Light Technical			
Luminous Flux		7,500 lm	
Saturated Red (R9)		<50	
Correlated Color Temperature (Nom)		3000 K	
Luminous Efficacy (rated) (Nom)		139 lm/W	
Color rendering index (CRI)		≥80	
Number of light sources		1	
Beam angle of light source		120 degree(s)	

# Maxos LED Performer

Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.192 ms
Power Consumption	50.2 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	-
Number of products on MCB of 16 A type B	29

## Temperature

Ambient temperature range	-20 to +40 °C
---------------------------	---------------

## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

## 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	1,479 mm
Overall width	87 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 87 x 1479 mm

## Approval and Application

Ingress protection code	IP40 [Wire-protected]
-------------------------	-----------------------

Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3.5
Power consumption tolerance	+/-10%

## 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 at median useful life* 50000 h	L80
Lumen maintenance at median useful life* 100000 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 491 LED75S/830 PSD WB WH
Full product name	4MX900 491 LED75S/830 PSD WB WH
Full product code	403073267189299
Order code	910629177426
Material Nr. (12NC)	910629177426
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	4030732671892
Numerator - Packs per outer box	2
EAN/UPC - Case	4030732272372

## Maxos LED Performer

### Dimensional drawing

