



# Maxos LED Performer

## 4MX900 491 LED40S/840 PSD MB WH

Maxos LED Performer - Generation 3 - 1 unit for TL5 49 W - LED Module, system flux 4000 lm - 840 neutral white - Power supply unit with DALI interface - Medium 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			
Number of light sources	1 pc	Glow-wire test	Temperature 650 °C, duration 30 s
Lamp family code	LED40S [ LED Module, system flux 4000 lm]	Flammability mark	For mounting on easily flammable surfaces
Beam angle of light source	120 °	CE mark	CE mark
Light source color	840 neutral white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	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.
Driver/power unit/transformer	Power supply unit with DALI interface	Constant light output	No
Driver included	Yes	Number of products on MCB of 16 A type B	24
Optic type	Medium beam	RoHS mark	RoHS mark
Luminaire light beam spread	70°		
Emergency lighting	-		
Control interface	DALI		
Connection	Connection unit 5-pole		
Cable	-		
Protection class IEC	Safety class I		

# Maxos LED Performer

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	21 A
Inrush time	0.280 ms
Power Factor (Min)	0.9

## Controls and Dimming

Dimmable	Yes
----------	-----

## 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

## 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)	4000 lm
-------------------------------------	---------

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 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	30 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

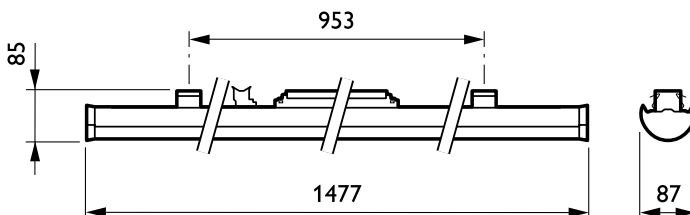
## Application Conditions

Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable

## Product Data

Full product code	403073266625699
Order product name	4MX900 491 LED40S/840 PSD MB WH
EAN/UPC - Product	4030732666256
Order code	910629144526
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	910629144526
Net Weight (Piece)	2.345 kg

## Dimensional drawing



Maxos LED Performer 4MX900-933

