



# **Maxos LED Performer**

## 4MX900 581 LED75S/840 PSD NB WH

Maxos LED Performer, Generation 3, LED Module, system flux 7500 lm, 840 neutral white, Power supply unit with DALI interface, Narrow 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	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating 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.
Product family code	4MX900 [Maxos LED Performer]
Lighting Technology	LED
Value ladder	Performance

Yes
5 years
-
ENEC mark
Temperature 650 °C, duration 30 s
Yes
7,500 lm
<50
4000 K
149 lm/W
≥80
1
120 degree(s)
840 neutral white

Datasheet, 2023, April 15 data subject to change

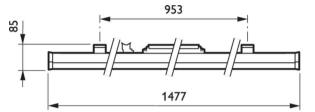
### **Maxos LED Performer**

Optic type	Narrow beam
Luminaire light beam spread	34°
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	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
Approval and Application	
Ingress protection code	IP40 [Wire-protected]

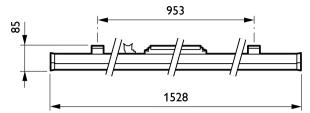
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	5 %
life 50,000 h	
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful life $^{\ast}$	L90
50,000 h	
Lumen maintenance at median useful life*	L80
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	4MX900 581 LED75S/840 PSD NB WH
Full product name	4MX900 581 LED75S/840 PSD NB WH
Full EOC	403073266808399
Order code	66808399
Material no. (12 NC)	910629172126
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	4030732668083
Numerator – packs per outer box	2
EAN/UPC - Case	4030732266784

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#### Dimensional drawing









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