



Maxos LED Performer

4MX900 LED60S/840 PSD-CLO DA20 WH L1800

Maxos LED Performer, Generation 3, LED Module, system flux 6000 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

LED60S [LED Module, system flux 6000 lm]
No
1 unit
Yes
*-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.
Yes
4MX900 [Maxos LED Performer]
LED

value lauder	Performance
Embedded control	Constant light output
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	6,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	145 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1

Performance

Datasheet, 2023, September 4 data subject to change

Value ladder

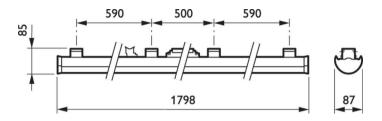
Maxos LED Performer

Beam angle of light source	120 degree(s)	Overall width
Light source color	840 neutral white	Overall height
Optic type	Double asymmetric optic 20°	Dimensions (Height x Width x Depth)
Luminaire light beam spread	20°	
Unified glare rating CEN	Not applicable	Approval and Application
		Ingress protection code
Operating and Electrical		Mech. impact protection code
Input Voltage	220 to 240 V	Protection class IEC
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	39.2 W	Initial Performance (IEC Compliant)
Average CLO power consumption	44.1 W	Luminous flux tolerance
Inrush current	21 A	Initial chromaticity
Inrush time	0.280 ms	Power consumption tolerance
Power Consumption	41.5 W	
Power Factor (Fraction)	0.9	Over Time Performance (IEC Compli
Connection	Connection unit 5-pole	Control gear failure rate at median useful
Cable	-	life 50000 h
Number of products on MCB of 16 A type	24	Lumen maintenance at median useful
В		life* 50000 h
Temperature		Application Conditions
Ambient temperature range	-20 to +40 °C	Performance ambient temperature Tq
		Maximum dim level
Controls and Dimming		Suitable for random switching
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface and	Product Data
	constant light output	Order product name
Control interface	DALI	
Constant light output	Yes	Full product name
Mechanical and Housing		Full product code
Housing Material	Aluminum	Order code
Reflector material	-	Material Nr. (12NC)
Optic material	Polymethyl methacrylate	Numerator - Quantity Per Pack
Optical cover material	Polymethyl methacrylate	EAN/UPC - Product/Case
Fixation material	Steel	Numerator - Packs per outer box
Housing Color	White	EAN/UPC - Case
Optical cover finish	Clear	
Overall length	1,800 mm	

Overall width	87 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 87 x 1800 mm
Approval and Application	
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IKO2 [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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25℃
	25 °C 1%
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	1%
Performance ambient temperature Tq Maximum dim level	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Not applicable
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 871869685359799
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 871869685359799 910500457802
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 871869685359799 910500457802 910500457802
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 871869685359799 910500457802 910500457802 1
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	1% Not applicable 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 4MX900 LED60S/840 PSD-CLO DA20 WH L1800 871869685359799 910500457802 910500457802 1 8718696853597

Maxos LED Performer

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.