PHILIPS Lighting



Maxos LED Performer

4MX900 LED40S/840 PSD A30 WH L1200

Maxos LED Performer, Generation 3, LED module, system flux 4000 lm, 840 neutral white, Power supply unit with DALI interface, Asymmetrical mirror axis angle 30°, 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	LED40S [LED module, system flux 4000
	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

Performance
Yes
5 years
-
ENEC mark
Temperature 650 °C, duration 30 s
Yes
4,000 lm
<50
4000 K
154 lm/W
≥80
1

Maxos LED Performer

Light source colour	840 neutral white
Optic type	Asymmetrical mirror axis angle 30°
Luminaire light beam spread	30°
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	25.9 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	1,200 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]
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

+/-10%

Over Time Performance (IEC Compliant)		
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*	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		

Product Data	
Order product name	4MX900 LED40S/840 PSD A30 WH L1200
Full product name	4MX900 LED40S/840 PSD A30 WH L1200
Full EOC	403073266633199
Order code	66633199
Material no. (12 NC)	910629145326
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	4030732666331
Numerator – packs per outer box	2
EAN/UPC - Case	4030732264506

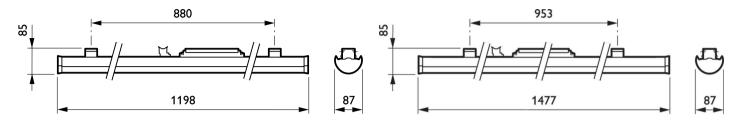
Ingress protection code

IP40 [Wire-protected]

Power consumption tolerance

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.

www.lighting.philips.com 2023, April 16 - data subject to change