

MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 927 10D

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot MV and LEDspot Par lamps.

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	927
Beam Angle (Nom)	10 degree(s)
Luminous Flux	450 lm
Luminous Intensity (Nom)	4,500 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	62.50 lm/W
Color Consistency	<3
Color rendering index (CRI)	97

LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.2 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V

Temperature	
T-Case Maximum (Nom)	92 °C

MASTER LEDspot ExpertColor LV

Controls and Dimming	
Dimmable	Yes

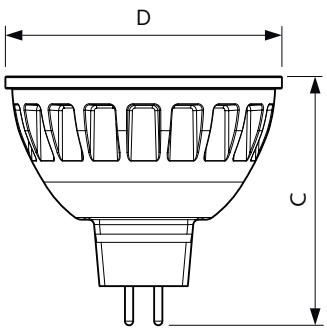
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

Product Data	
Order product name	MAS LED MR16 ExpertColor 7.2-50W 927 10D

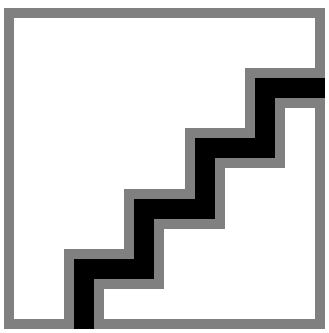
Full product name	MAS LED MR16 ExpertColor 7.2-50W 927 10D
Full product code	871869657161300
Order code	929001241908
Material Nr. (12NC)	929001241908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696571613
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696571620

Dimensional drawing

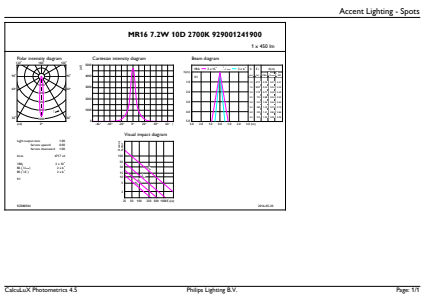


Product	D	C
MAS LED MR16 ExpertColor 7.2-50W 927 10D	51 mm	46 mm

Photometric data



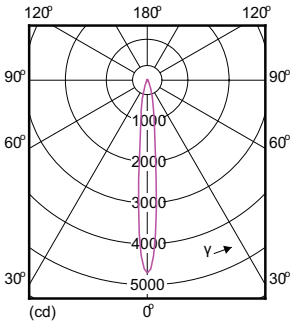
Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 927 10D



General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 927 10D

MASTER LEDspot ExpertColor LV

Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 927 10D

© 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.