



MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 930 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	930 [CCT of 3000K]
Beam Angle (Nom)	10 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	5,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	66.67 lm/W
Color Consistency	<3
Color rendering index (CRI)	97

LLMF At End Of Nominal Lifetime (Nom)	70 %
LEMF At End Of Nominat 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	1s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 ℃

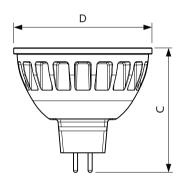
Datasheet, 2023, April 29 data subject to change

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 930 10D

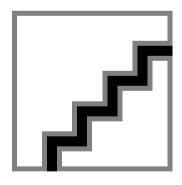
Full product name	MAS LED MR16 ExpertColor 7.2-50W 930 10D	
Full product code	871869657163700	
Order code	929001242008	
Material Nr. (12NC)	929001242008	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696571637	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696571644	

Dimensional drawing

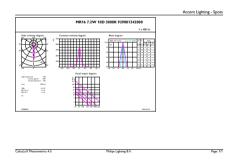


Product	D	С
MAS LED MR16 ExpertColor 7.2-50W 930 10D	51 mm	46 mm

Photometric data



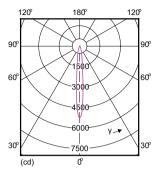
Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 930 10D



General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 930 10D

MASTER LEDspot ExpertColor LV

Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 930 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.