# **PHILIPS** Lighting



# MASTER LEDspot ExpertColor LV

# MAS LED MR16 ExpertColor 7.2-50W 940 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 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	940 [CCT of 4000K]
Beam Angle (Nom)	10 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	5,000 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	66.67 lm/W
Color Consistency	<3
Color rendering index (CRI)	97

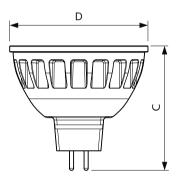
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	7.2 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	92 °C

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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 940 10D

Full product name	MAS LED MR16 ExpertColor 7.2-50W 940 10D	
Full product code	871869657175000	
Order code	929001242108	
Material Nr. (12NC)	929001242108	
Local order code	MEC510LMR1610D	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696571750	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696571767	

### Dimensional drawing

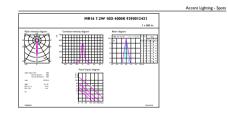


MAS LED MR16 ExpertColor 7.2-50W 940 10D	51 mm	46 mm

D

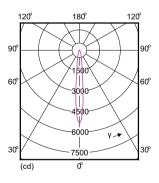
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#### Photometric data



General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 940 10D

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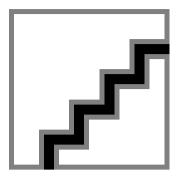


Product

Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 10D

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#### Photometric data



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 940 10D



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