



# MASTER LEDspot ExpertColor LV

# MAS LED MR16 ExpertColor 7.2-50W 940 60D

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	940 [CCT of 4000K]
Beam Angle (Nom)	60 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	440 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 %
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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 ℃

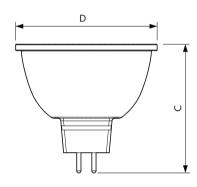
Datasheet, 2023, April 29 data subject to change

# **MASTER LEDspot ExpertColor LV**

Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Shape	MR16 [2inch/50mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	MAS LED MR16 ExpertColor 7.2-50W 940 60D	

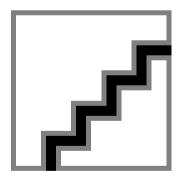
Full product name	MAS LED MR16 ExpertColor 7.2-50W 940 60D	
Full product code	871869671954100	
Order code	929001341608	
Material Nr. (12NC)	929001341608	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696719541	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696719558	

## Dimensional drawing

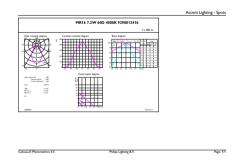


Product	D	С
MAS LED MR16 ExpertColor 7.2-50W 940 60D	50.5 mm	46 mm

### Photometric data



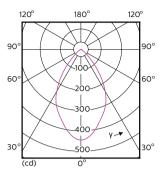
Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 940 60D



Accent Lighting Spots - MAS LED MR16 ExpertColor 7.2-50W 940 60D

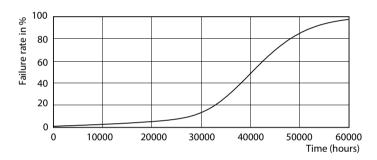
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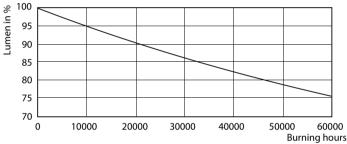
### Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 60D

## Lifetime





Life Expectancy Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 60D

Lumen Maintenance Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 60D



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