



MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 940 36D

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)	36 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	1,450 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 %
<u></u>	
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℃

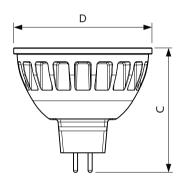
Datasheet, 2023, April 29 data subject to change

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 940 36D	

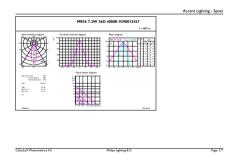
Full product name	MAS LED MR16 ExpertColor 7.2-50W 940 36D	
Full product code	871869657187300	
Order code	929001242708	
Material Nr. (12NC)	929001242708	
Local order code	MEC510LMR1636D	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696571873	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696571880	

Dimensional drawing

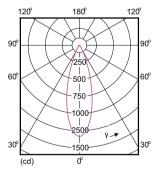


Product	D	С
MAS LED MR16 ExpertColor 7.2-50W 940 36D	51 mm	46 mm

Photometric data



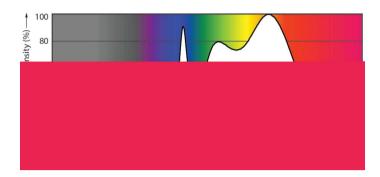
General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 940 36D



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 36D

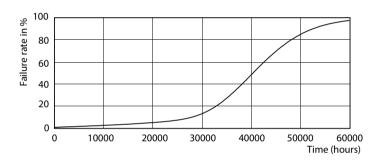
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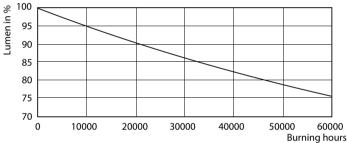
Photometric data



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 940 36D

Lifetime





Life Expectancy Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 36D

Lumen Maintenance Diagram - MAS LED MR16 ExpertColor 7.2-50W 940 36D



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