

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 hour(s)
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 %

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

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Controls and Dimming	
Dimmable	Yes

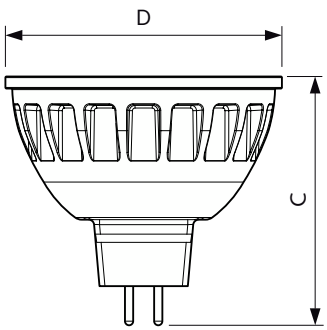
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]

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 36D

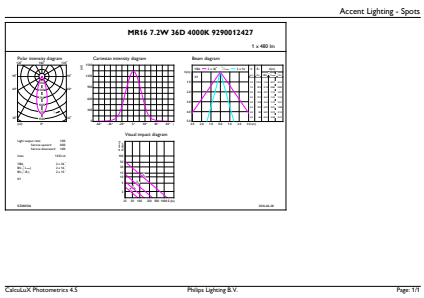
Full product name	MAS LED MR16 ExpertColor 7.2-50W 940 36D
Full product code	871869657187300
Order code	929001242708
Material Nr. (12NC)	929001242708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696571873
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696571880

Dimensional drawing

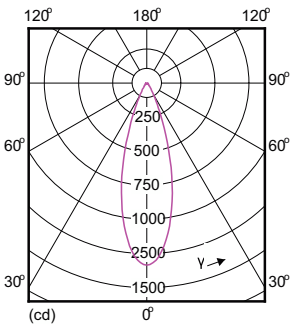


Product	D	C
MAS LED MR16 ExpertColor 7.2-50W 940 36D	51 mm	46 mm

Photometric data



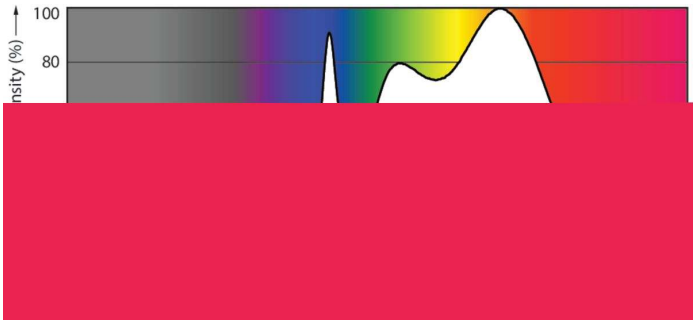
General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 940 36D



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

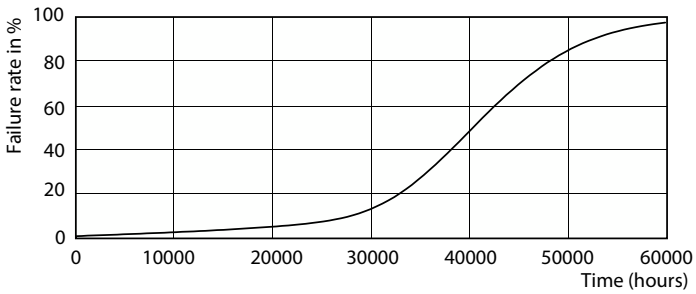
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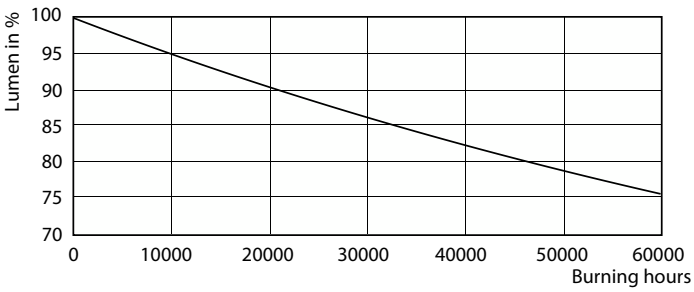


Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 940 36D

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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