PHILIPS Lighting



MASTER LEDspot ExpertColor LV

MAS LED MR16 ExpertColor 7.2-50W 930 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	930 [CCT of 3000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	480 lm
Luminous Intensity (Nom)	1,450 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

LEMP AT END OF NORMAL LITETINE (NO	<i>ini)</i> 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

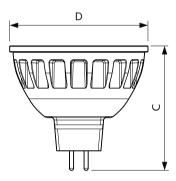
LI ME At End Of Nominal Lifetime (Nom) 70 %

MASTER LEDspot ExpertColor LV

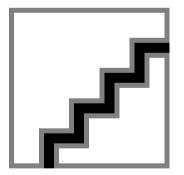
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	MAS LED MR16 ExpertColor 7.2-50W 930 36D

Full product name	MAS LED MR16 ExpertColor 7.2-50W 930 36D
Full product code	871869657185900
Order code	929001242608
Material Nr. (12NC)	929001242608
Local order code	MEC480LMR1636D
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696571859
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696571866

Dimensional drawing



Photometric data



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 930 36D

Product	D	с
MAS LED MR16 ExpertColor 7.2-50W 930 36D	51 mm	46 mm

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Philips Lighting B.V.

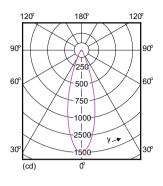
General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 930 36D

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CalcuLuX Photometrics 4.5

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Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 930 36D



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