# **PHILIPS** Lighting



# MASTER LEDspot ExpertColor LV

# MAS LED MR16 ExpertColor 7.2-50W 930 24D

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	930 [CCT of 3000K]	
Beam Angle (Nom)	24 degree(s)	
Luminous Flux	480 lm	
Luminous Intensity (Nom)	2,400 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	

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 ℃	

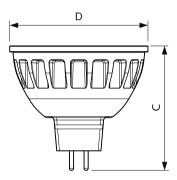
LI ME At End Of Nominal Lifetime (Nom) 70 %

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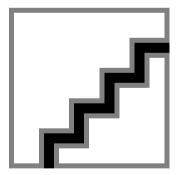
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	MAS LED MR16 ExpertColor 7.2-50W 930 24D

Full product name	MAS LED MR16 ExpertColor 7.2-50W 930 24D	
Full product code	871869657179800	
Order code	929001242308	
Material Nr. (12NC)	929001242308	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696571798	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8718696571804	

#### Dimensional drawing



### Photometric data



Spectral Power Distribution Colour - MAS LED MR16 ExpertColor 7.2-50W 930 24D

Product	D	с
MAS LED MR16 ExpertColor 7.2-50W 930 24D	51 mm	46 mm

			Accent Lighting - Spo
	MR16 7.2W 2	4D 3000K 929001242300	
Polar intensity dagram	Cartesian Internativ diaariam	1 x 480 km	
NgPungaram 68 Kon pana 68 Kon pana 68 Ng 200 km 10 Ng 200	Vauil separt degraes		

Philips Lighting B.V.

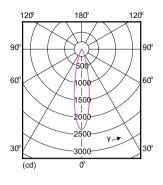
General uniform lighting - MAS LED MR16 ExpertColor 7.2-50W 930 24D

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## MASTER LEDspot ExpertColor LV

#### Photometric data



Light Distribution Diagram - MAS LED MR16 ExpertColor 7.2-50W 930 24D



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