



MASTER LEDspot LV

MAS LEDspotLV D 8.0-50W 827 MR16 24D

Delivering intense accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot lighting. MASTER LEDspot LV is designed to replace halogen or incandescent spots. It realizes natural colors, enables cozy and comfortable ambience for residential, hospitality and emphasizes the beauty of merchandise in retail. New smaller housing provides perfect fitting with majority of luminaires in a market with a MR16 GU 5.3 holder. It not only employs Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intensity which is equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. Its high SDCM ensure stricter color consistency, that is maintained over product life. MASTER LEDspot LV delivers huge energy savings and minimizes maintenance cost without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within short period time.

Product data

General Information		Color Designation	
Cap-Base	GU5.3 [GU5.3]	Color Designation	Warm White (WW)
Nominal Lifetime (Nom)	40000 h	Rated Beam Angle	24 °
Switching Cycle	50000X	Correlated Color Temperature (Nom)	2700 K
Technical Type	8-50W	Luminous Efficacy (rated) (Nom)	78 lm/W
		Color Consistency	<6
		Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Luminous Flux in 90° Cone (Rated)	621 lm
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	24 °	Power (Rated) (Nom)	8 W
Light Distribution	Medium beam 24°	Lamp Current (Nom)	900 mA
Luminous Flux (Nom)	635 lm		
Luminous Flux (Rated) (Nom)	635 lm		
Luminous Intensity (Nom)	3100 cd		

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Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	105 °C
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Controls and Dimming

Dimmable	Yes
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Approval and Application

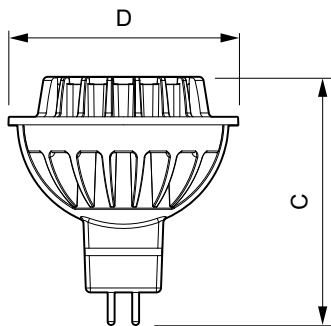
Energy Efficiency Label (EEL)	A+
Suitable For Accent Lighting	Yes

Energy Consumption kWh/1000 h	9 kWh
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Product Data

Full product code	871869648999400
Order product name	MAS LEDspotLV D 8.0-50W 827 MR16 24D
EAN/UPC - Product	8718696489994
Order code	929001149802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001149802
Net Weight (Piece)	0.045 kg

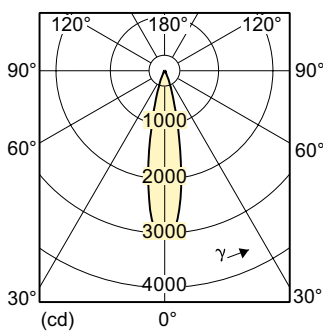
Dimensional drawing



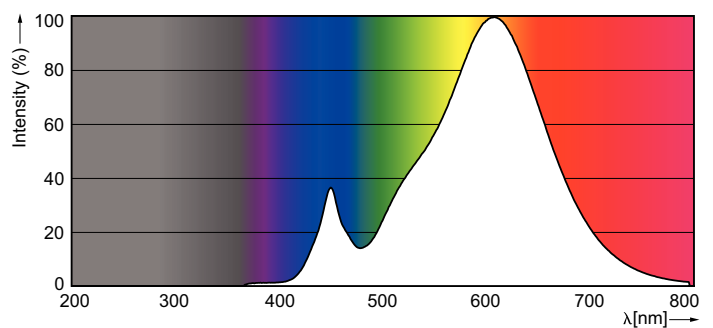
LED D 8-50W 827 MR16 24D

Product	D	C
MAS LEDspotLV D 8.0-50W 827 MR16 24D	51 mm	55 mm

Photometric data



8-50 W GU5.3 /827 MR16 24D



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