



MASTER LEDspot LV

MASTER LED 8-50W+ 830 MR16 24D Dim

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		Operating and Electrical	
Cap-Base	GU5.3 [GU5.3]	Correlated Color Temperature (Nom)	3000 K
Nominal lifetime	40,000 hour(s)	Luminous Efficacy (rated) (Nom)	78 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Luminous Flux in 90° Cone (Rated)	621 lm
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	24 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	660 lm	Power Consumption	8 W
Luminous Intensity (Nom)	3,250 cd	Lamp Current (Nom)	900 mA
Color Designation	White (WH)	Wattage Equivalent	50 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	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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Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]
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Approval and Application

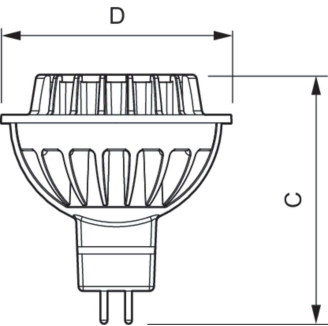
Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	9 kWh
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Product Data

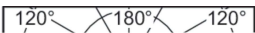
Order product name	MASTER LED 8-50W+ 830 MR16 24D Dim
Full product name	MASTER LED 8-50W+ 830 MR16 24D Dim
Full product code	871869649005100
Order code	929001149908
Material Nr. (12NC)	929001149908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696490051
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696490068

Dimensional drawing



Product	D	C
MASTER LED 8-50W+ 830 MR16 24D Dim	51 mm	55 mm

Photometric data



Light Distribution Diagram - MASTER LED 8-50W+ 830 MR16 24D Dim

Spectral Power Distribution Colour - MASTER LED 8-50W+ 830 MR16 24D Dim

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