

MASTER LEDspot LV

MAS LEDspotLV D 8-50W 840 MR16 36D

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	
Cap-Base	GU5.3 [GU5.3]
Main Application	Industrial
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 °
Luminous Flux (Nom)	710 lm
Luminous Flux (Rated) (Nom)	710 lm
Luminous Intensity (Nom)	1750 cd
Color Designation	White (WH)
Rated Beam Angle	36 °

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	84 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	670 lm

Operating and Electrical	
Power (Rated) (Nom)	8 W
Lamp Current (Nom)	900 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.7 s
Power Factor (Nom)	0.7

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Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	105 °C

Controls and Dimming

Dimmable	Yes

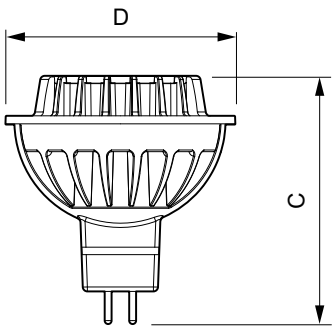
Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	9 kWh

Product Data

Full product code	871869657635900
Order product name	MAS LEDspotLV D 8-50W 840 MR16 36D
EAN/UPC - Product	8718696576359
Order code	929001150302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001150302
Net Weight (Piece)	0.050 kg

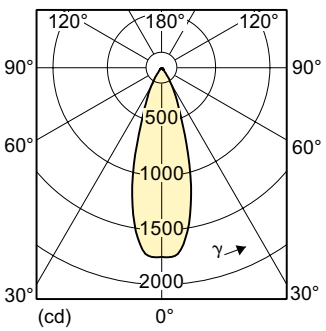
Dimensional drawing

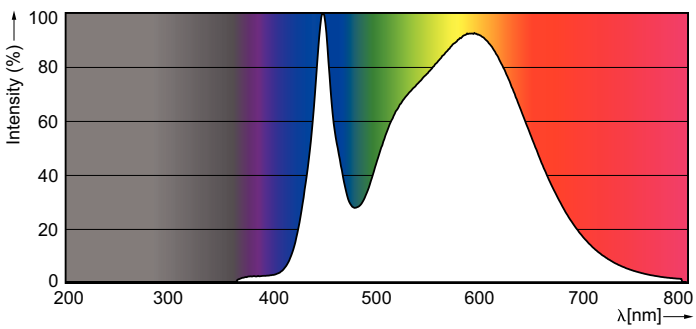


MR16 8W-50W 36D 4000K Gu5.3 D Dark Gray

Product	D	C
MAS LEDspotLV D 8-50W 840 MR16 36D	51 mm	55 mm

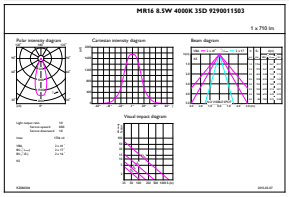
Photometric data





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