# **PHILIPS** Lighting



# **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]		
Nominal lifetime	40,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	840 [CCT of 4000K]		
Beam Angle (Nom)	36 degree(s)		
Luminous Flux	710 lm		
Luminous Intensity (Nom)	1,750 cd		
Color Designation	White (WH)		

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	84 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	670 lm
Operating and Electrical	
Power Consumption	8 W
Lamp Current (Nom)	900 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.7 s
Power Factor (Fraction)	0.7

#### **MASTER LEDspot LV**

Voltage (Nom)	12 V	
Temperature		
T-Case Maximum (Nom)	105 ℃	
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	9 kWh
Product Data	
Order product name	MAS LEDspotLV D 8-50W 840 MR16 36D
Full product name	MAS LEDspotLV D 8-50W 840 MR16 36D
Full product code	871869657635900
Order code	929001150302
Material Nr. (12NC)	929001150302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696576359
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696576366

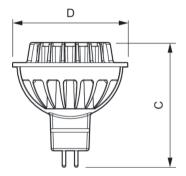
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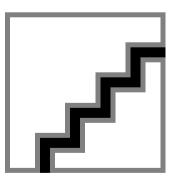
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55 mm

#### **Dimensional drawing**



## Photometric data



MAS LEDspotLV D 8-50W 840 MR16 36D

Product

Light Distribution Diagram - MAS LEDspotLV D 8-50W 840 MR16 36D

Spectral Power Distribution Colour - MAS LEDspotLV D 8-50W 840 MR16 36D

### **MASTER LEDspot LV**

#### Photometric data

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General uniform lighting - MAS LEDspotLV D 8-50W 840 MR16 36D



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