



# MASTER VALUE LEDspot LV

## MASTER LEDspotLV VLE D 8-50W 840 MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

### Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

### Product data

General Information		Beam Angle (Nom)	
Cap-Base	GU5.3 [GU5.3]		24 degree(s)
Nominal lifetime	25,000 hour(s)	Luminous Flux	630 lm
Switching Cycle	50,000	Luminous Intensity (Nom)	2,900 cd
Lighting Technology	LED	Color Designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	78.75 lm/W
		Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical			
Color Code	840 [CCT of 4000K]		

# MASTER VALUE LEDspot LV

Luminous Flux in 90° Cone (Rated)	630 lm
<b>Operating and Electrical</b>	
Power Consumption	8 W
Lamp Current (Nom)	1,000 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	75 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	MR16 [2inch/50mm]

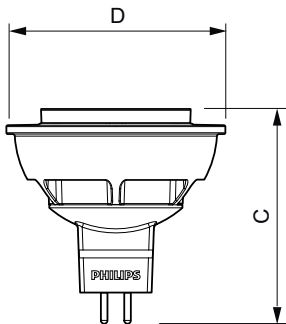
## Approval and Application

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

## Product Data

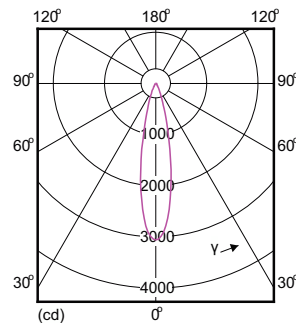
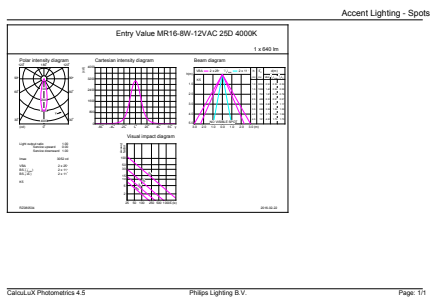
Order product name	MAS LEDspotLV VLE D 8-50W 840 MR16 24D
Full product name	MASTER LEDspotLV VLE D 8-50W 840 MR16 24D
Full product code	871869657209200
Order code	57209200
Material Nr. (12NC)	929001241602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696572092
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696572108

## Dimensional drawing



Product	D	C
MAS LEDspotLV VLE D 8-50W 840 MR16 24D	50 mm	50 mm

## Photometric data



General uniform lighting - MAS LEDspotLV VLE D 8-50W 840 MR16 24D

Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 840 MR16 24D

# MASTER VALUE LEDspot LV

## Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 840  
MR16 24D

