



# MASTER VALUE LEDs

## pot LV

### MASTER LEDspotLV D 7-35W GU5.3 830 MR16 36D

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		Light Technical	
Cap-Base	GU5.3 [GU5.3]	Color Code	830 [CCT of 3000K]
Nominal lifetime	40,000 hour(s)	Beam Angle (Nom)	36 degree(s)
Switching Cycle	50,000	Luminous Flux	440 lm
Lighting Technology	LED	Luminous Intensity (Nom)	1,250 cd
EU RoHS compliant	Yes	Color Designation	White (WH)
		Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	62.86 lm/W

MASTER VALUE LEDspot LV

Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	400 lm

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7 W
Lamp Current (Nom)	715 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Voltage (Nom)	12 V

Temperature

T-Case Maximum (Nom)	110 °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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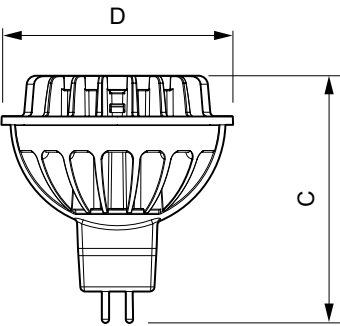
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh

Product Data

Order product name	MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D
Full product name	MASTER LEDspotLV D 7-35W GU5.3 830 MR16 36D
Full product code	871829165540400
Order code	65540400
Material Nr. (12NC)	929000237702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291655404
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291655411

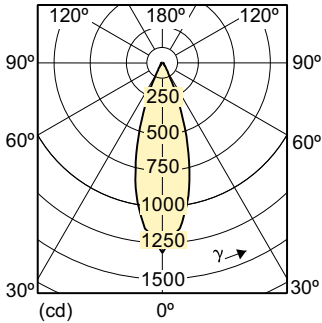
Dimensional drawing



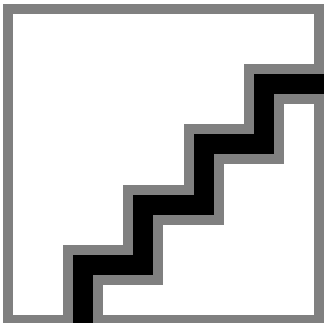
Product	D	C
MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D	54 mm	50 mm

MASTER VALUE LEDspot LV

Photometric data



Light Distribution Diagram - MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W GU5.3 830 MR16 36D

