



MASTER VALUE LEDs

pot LV

MASTER LEDspotLV VLE D6.3-35W 827MR16 36DRN

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	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	380 lm
Luminous Intensity (Nom)	980 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	60.00 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)	380 lm

Operating and Electrical

Power Consumption	6.3 W
Lamp Current (Nom)	800 mA
Wattage Equivalent	35 W
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)	100 °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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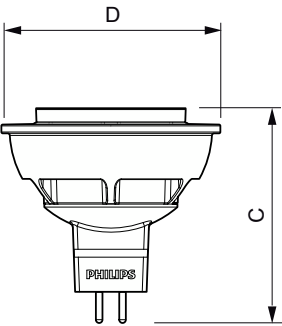
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	7 kWh
EyeComfort	Yes

Product Data

Order product name	MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN
Full product name	MASTER LEDspotLV VLE D6.3-35W 827MR16 36DRN
Full product code	871869649027300
Order code	49027300
Material Nr. (12NC)	929001151702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696490273
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696490280

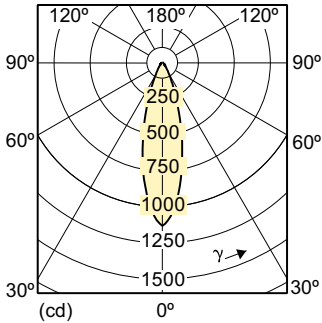
Dimensional drawing



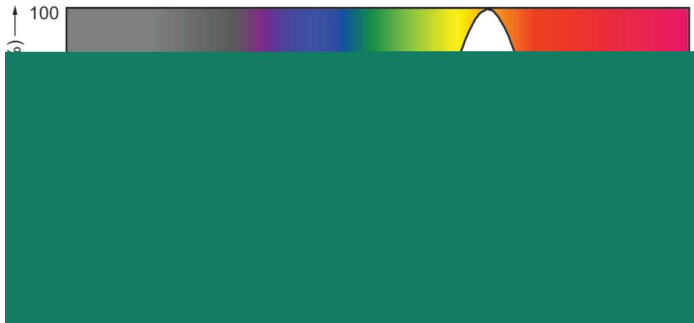
Product	D	C
MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN	50.5 mm	50.5 mm

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Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN



Spectral Power Distribution Colour - MAS LEDspotLV VLE D6.3-35W 827MR16 36DRN

