



MASTER VALUE LEDs

pot LV

MASTER LED 7W 827 MR16 60D Dim AU

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	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]

Beam Angle (Nom)	60 degree(s)
Luminous Flux	420 lm
Luminous Intensity (Nom)	440 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	51 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

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Luminous Flux in 90° Cone (Rated)	360 lm
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Operating and Electrical

Power Consumption	7 W
Lamp Current (Nom)	720 mA
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)	102 °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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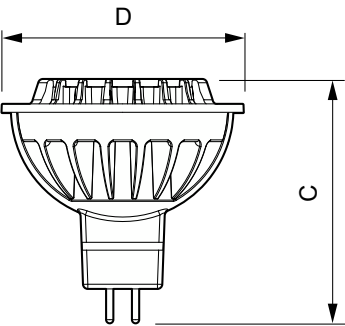
Approval and Application

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

Product Data

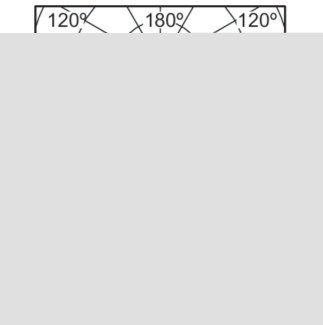
Order product name	MASTER LED 7W 827 MR16 60D Dim AU
Full product name	MASTER LED 7W 827 MR16 60D Dim AU
Full product code	871869648993200
Order code	48993200
Material Nr. (12NC)	929001153419
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489932
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696489949

Dimensional drawing

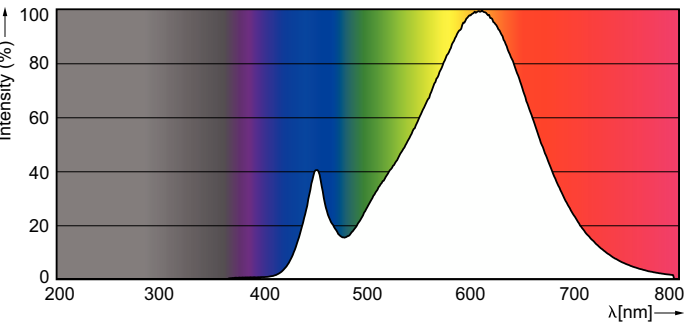


Product	D	C
MASTER LED 7W 827 MR16 60D Dim AU	50.5 mm	50.5 mm

Photometric data



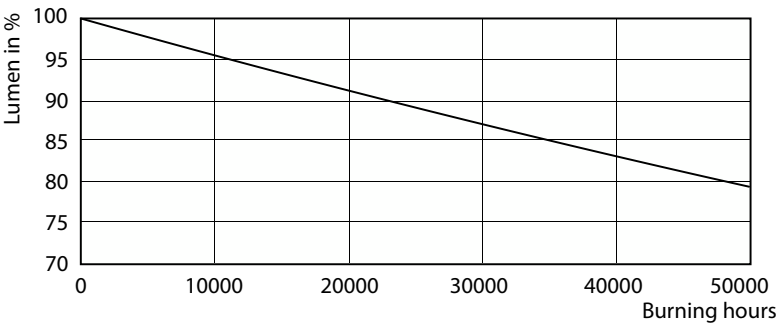
Light Distribution Diagram - MASTER LED 7W 827 MR16 60D Dim AU



Spectral Power Distribution Colour - MASTER LED 7W 827 MR16 60D Dim AU

MASTER VALUE LEDspot LV

Lifetime



Lumen Maintenance Diagram - MASTER LED 7W 827 MR16 60D Dim AU

