



# MASTER VALUE LEDs pot LV

## MASTER LED 7W 827 MR16 60D Dim AU

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

### 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 %
Luminous Flux in 90° Cone (Rated)	360 lm

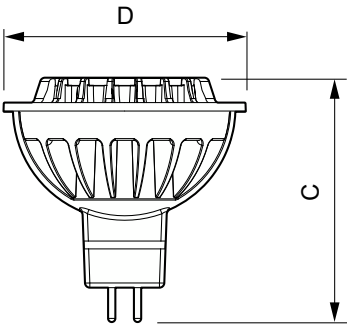
Operating and Electrical	
Power Consumption	7 W
Lamp Current (Nom)	720 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7

MASTER VALUE LEDspot LV

Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	102 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	8 kWh

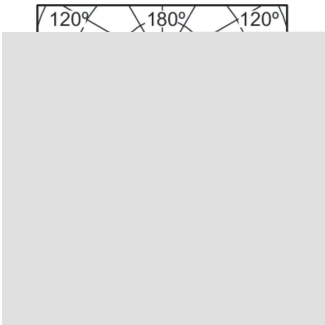
Product Data	
Order product name	MASTER LED 7W 827 MR16 60D Dim AU
Full product name	MASTER LED 7W 827 MR16 60D Dim AU
Full product code	871869648993200
Order code	929001153419
Material Nr. (12NC)	929001153419
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696489932
Numerator - Packs per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

Dimensional drawing

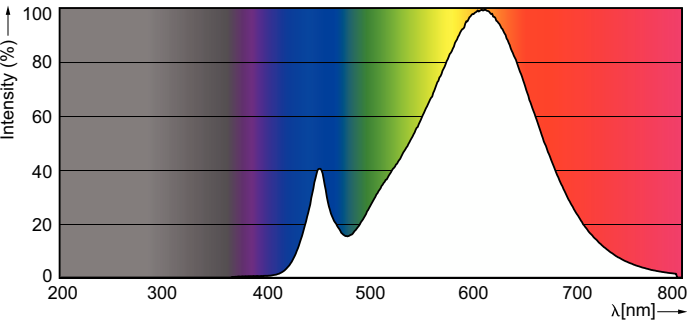


Product	D	C
MASTER LED 7W 827 MR16 60D Dim AU	50.5 mm	50.5 mm

Photometric data



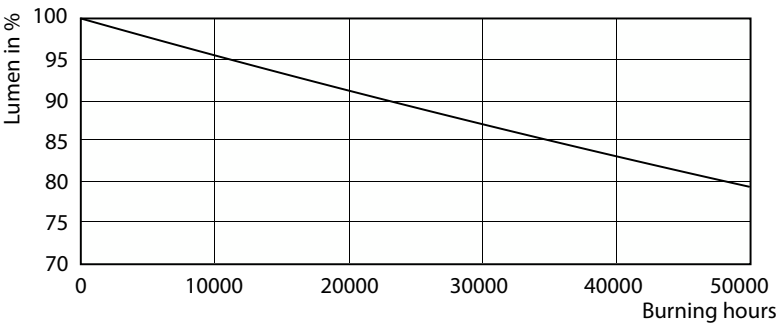
Light Distribution Diagram - MASTER LED 7W 827 MR16 60D Dim AU



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

