

# MASTER VALUE LEDspot LV

## MAS LEDspotLV D 7-35W GU5.3 827 MR16 36D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employs 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.)

### Product data

| General Information | |
|---|---|
| Cap-Base | GU5.3 [ GU5.3] |
| Nominal Lifetime (Nom) | 40000 h |
| Switching Cycle | 50000X |
| Technical Type | 7-35W |

| Light Technical | |
|---|---|
| Color Code | 827 [ CCT of 2700K] |
| Beam Angle (Nom) | 36 ° |
| Light Distribution | Medium beam 36° |
| Luminous Flux (Nom) | 420 lm |
| Luminous Flux (Rated) (Nom) | 420 lm |
| Luminous Intensity (Nom) | 1200 cd |
| Color Designation | Warm White (WW) |
| Rated Beam Angle | 36 ° |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (Rated) (Nom) | 60.00 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 385 lm |

| Operating and Electrical | |
|---|---|
| Input Frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 7 W |
| Lamp Current (Nom) | 715 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | instant full light |
| Power Factor (Nom) | - |
| Voltage (Nom) | 12 V |

| Temperature | |
|---|---|
| T-Case Maximum (Nom) | 110 °C |

| Controls and Dimming | |
|---|---|
| Dimmable | Yes |

# MASTER VALUE LEDspot LV

| Approval and Application | |
|---|---|
| Suitable For Accent Lighting | Yes |
| Energy Efficiency Label (EEL) | A |
| Energy Consumption kWh/1000 h | 8 kWh |

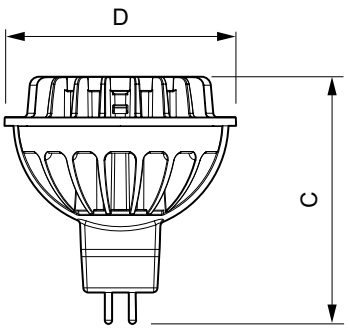
| Product Data | |
|---|---|
| Full product code | 871829165538100 |
| Order product name | MAS LEDspotLV D 7-35W GU5.3 827 MR16 36D |

| | |
|---|---|
| EAN/UPC - Product | 8718291655381 |
| Order code | 929000237602 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929000237602 |
| Net Weight (Piece) | 0.060 kg |

## 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

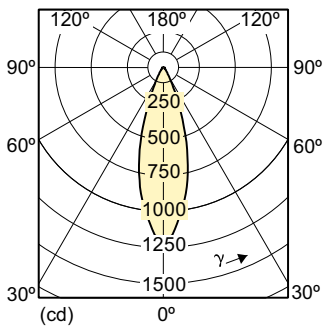
## Dimensional drawing



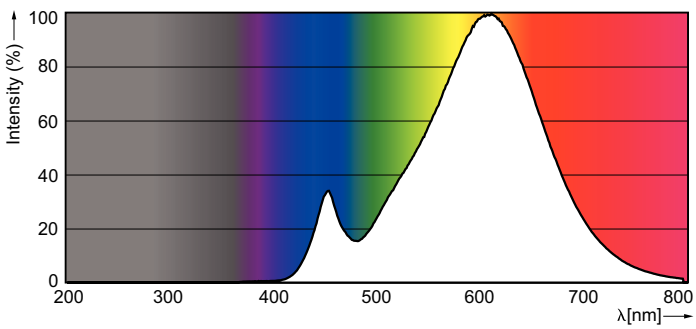

LED D 7-35W 2700K MR16 36D

| Product | D | C |
|---|---|---|
| MAS LEDspotLV D 7-35W GU5.3 827 MR16 36D | 54 mm | 50 mm |

## Photometric data




7-50W GU5.3 MR16 827 36D 2700K




7-40 W, 7-35 W MR16 2700K




© 2017 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.lighting.philips.com
2017, October 19 - data subject to change