PHILIPS

Lighting




# MASTER VALUE LEDspot LV

## MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN

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) | 25000 h |
| Switching Cycle | 50000X |
| Technical Type | 6.3-35W |

| Light Technical | |
|---|---|
| Color Code | 840 [ CCT of 4000K] |
| Beam Angle (Nom) | 36 ° |
| Light Distribution | Medium beam 36° |
| Luminous Flux (Nom) | 410 lm |
| Luminous Flux (Rated) (Nom) | 410 lm |
| Luminous Intensity (Nom) | 1000 cd |
| Color Designation | White (WH) |
| Rated Beam Angle | 36 ° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (Rated) (Nom) | 65.00 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 410 lm |

| Operating and Electrical | |
|---|---|
| Power (Rated) (Nom) | 6.3 W |
| Lamp Current (Nom) | 800 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | instant full light |
| Power Factor (Nom) | 0.7 |
| Voltage (Nom) | 12 V |

| Temperature | |
|---|---|
| T-Case Maximum (Nom) | 100 °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 | 7 kWh |

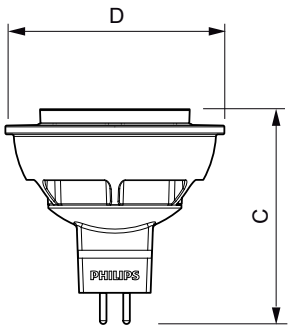
| Product Data | |
|---|---|
| Full product code | 871869649031000 |
| Order product name | MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN |

| | |
|---|---|
| EAN/UPC - Product | 8718696490310 |
| Order code | 929001152302 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001152302 |
| Net Weight (Piece) | 0.045 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

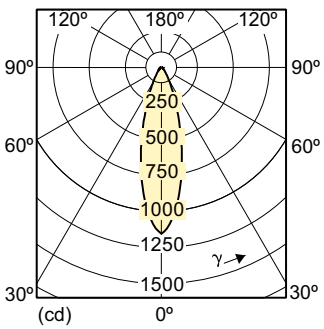
## Dimensional drawing



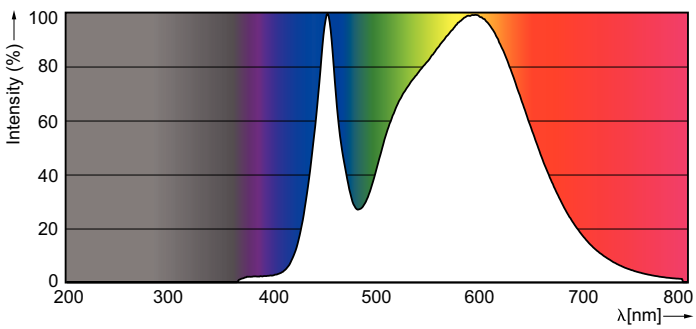

LED VLE D 6.3-35W 840 MR16 36D

| Product | D | C |
|---|---|---|
| MAS LEDspotLV VLE D6.3-35W 840MR16 36DRN | 50.5 mm | 50.5 mm |

## Photometric data




6.3-35 W GU5.3 /840 MR16 36D




VLE D 6.3-35 W GU5.3 /840 MR16




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