PHILIPS

Lighting




# MASTER VALUE LEDsp ot LV

## MAS LED spot VLE D 5.5-35W MR16 840 60D

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 | 5.5-35W |

| Light Technical | |
|---|---|
| Color Code | 840 [ CCT of 4000K] |
| Beam Angle (Nom) | 60 ° |
| Luminous Flux (Nom) | 490 lm |
| Luminous Flux (Rated) (Nom) | 490 lm |
| Luminous Intensity (Nom) | 550 cd |
| Color Designation | Cool White (CW) |
| Rated Beam Angle | 60 ° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (Rated) (Nom) | 89.09 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 490 lm |

| Operating and Electrical | |
|---|---|
| Power (Rated) (Nom) | 5.5 W |
| Lamp Current (Nom) | 630 mA |
| Wattage Equivalent | 35 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| Power Factor (Nom) | 0.8 |
| Voltage (Nom) | ac Electronic 12 V |

| Temperature | |
|---|---|
| T-Case Maximum (Nom) | 95 °C |

# MASTER VALUE LEDspot LV

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

| Approval and Application | |
|---|---|
| **Suitable For Accent Lighting** | Yes |
| **Energy Efficiency Label (EEL)** | A+ |
| **Energy Consumption kWh/1000 h** | 7 kWh |

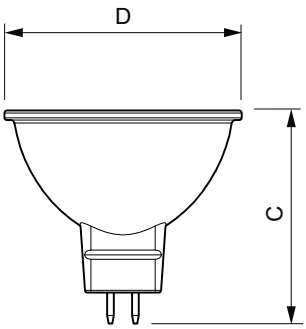
| Product Data | |
|---|---|
| **Full product code** | 871869670833000 |

| | |
|---|---|
| **Order product name** | MAS LED spot VLE D 5.5-35W MR16 840 60D |
| **EAN/UPC - Product** | 8718696708330 |
| **Order code** | 929001326402 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 10 |
| **Material Nr. (12NC)** | 929001326402 |
| **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

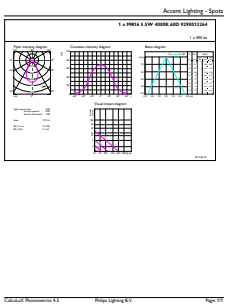
## Dimensional drawing

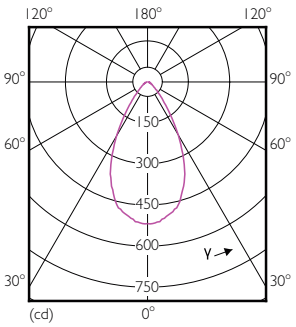



MR16 12V 5W-35W 410lm 60D 4000K GU5.3 D

| Product | D | C |
|---|---|---|
| MAS LED spot VLE D 5.5-35W MR16 840 60D | 50.5 mm | 45 mm |

## Photometric data

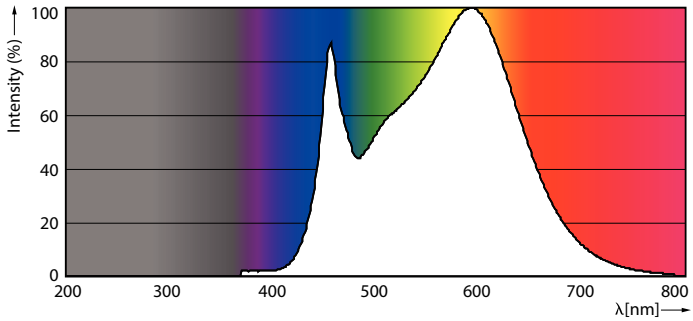





MAS VLE LEDspotLV 35W GU5-3 840 60D MR16

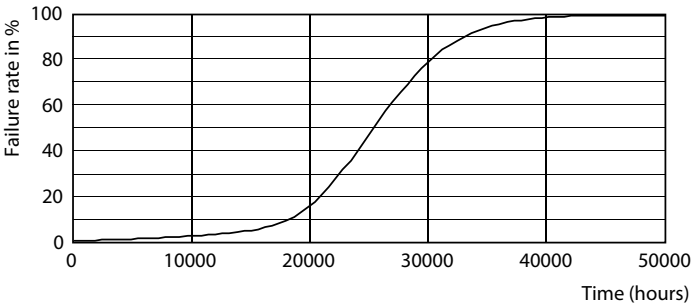
# MASTER VALUE LEDspot LV

## Photometric data

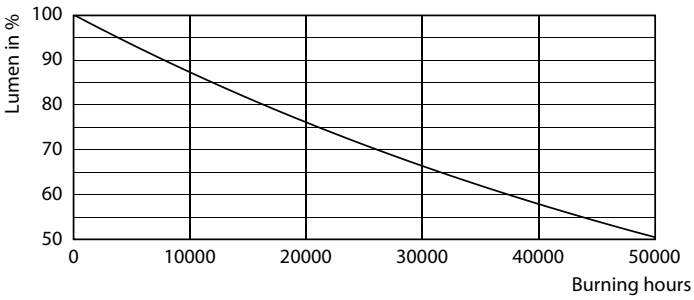



MAS VLE LEDspotLV 35W GU5-3 840 36D MR16

## Lifetime




MAS VLE LEDspotLV 35W GU5-3 827 36D MR16




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