



MASTER VALUE LEDs pot LV

MAS LEDspotLV 3.5-20W 827 MR11 24D

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.)

Product data

| General Information | |
|---------------------------------------|---------------------|
| Cap-Base | GU4 [GU4] |
| EU RoHS compliant | Yes |
| Nominal Lifetime (Nom) | 40000 h |
| Switching Cycle | 50000X |
| Technical Type | 3.5-20W |
| Light Technical | |
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 24 ° |
| Luminous Flux (Nom) | 210 lm |
| Luminous Intensity (Nom) | 1000 cd |
| Color Designation | Warm White (WW) |
| 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) | 200 lm |
|-----------------------------------|--------------------|
| Operating and Electrical | |
| Input Frequency | 50 to 60 Hz |
| Power (Nom) | 3.5 W |
| Lamp Current (Nom) | 640 mA |
| Wattage Equivalent | 20 W |
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | instant full light |
| Power Factor (Nom) | 0.5 |
| Voltage (Nom) | 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 94 °C |
| Controls and Dimming | |
| Dimmable | No |

MASTER VALUE LEDspot LV

Approval and Application

| | |
|-------------------------------|-------|
| Energy Efficiency Label (EEL) | A+ |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 4 kWh |

Product Data

| | |
|--------------------|------------------------------------|
| Full product code | 871869641019600 |
| Order product name | MAS LEDspotLV 3.5-20W 827 MR11 24D |

| | |
|---------------------------------|---------------|
| EAN/UPC - Product | 8718696410196 |
| Order code | 929001123802 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 929001123802 |
| Net Weight (Piece) | 0.024 kg |

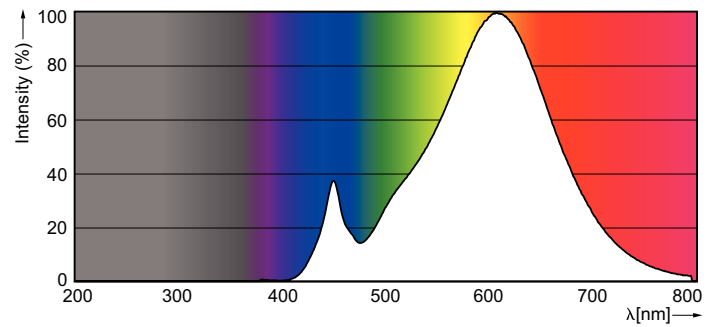
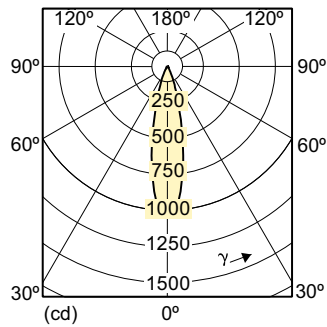
Dimensional drawing

D

| Product | D | C |
|------------------------------------|-------|-------|
| MAS LEDspotLV 3.5-20W 827 MR11 24D | 35 mm | 40 mm |

LED 3.5-20W 827 MR11 24D

Photometric data



SDPO_LEDspotL_0006-Spectral Power distribution

