


# MASTER LEDspot LV

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MAS LEDspotLV D 8.0-50W 827 MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time.The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.).The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

## Product data

### • General Information

| | |
|---|---|
| Cap-Base | GU5.3 [ GU5.3] |
| Nominal Lifetime (Nom) | 40000 h |
| Switching Cycle | 50000X |
| Technical Type | 8-50W |

### • Light Technical

| | |
|---|---|
| Color Code | 827 [ CCT of 2700K] |
| Beam Angle (Nom) | 24 ° |
| Light Distribution | Medium beam 24° |
| Luminous Flux (Nom) | 635 lm |
| Luminous Flux (Rated) (Nom) | 635 lm |
| Luminous Intensity (Nom) | 3100 cd |
| Color Designation | Warm White (WW) |
| Rated Beam Angle | 24 ° |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 78 lm/W |
| Color Consistency | 6 steps |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux In 90° Cone (Rated) | 621 lm |

### • Operating and Electrical

| | |
|---|---|
| Input Frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 8 W |
| Lamp Current (Nom) | 900 mA |
| Wattage Equivalent | 50 W |
| Starting Time (Max) | 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) | 105 °C |

### • Controls and Dimming

| | |
|---|---|
| Dimmable | Yes |

PHILIPS

# MASTER LEDspot LV

- Approval and Application

| | |
|---|---|
| Suitable For Accent Lighting | Yes |
| Energy Efficiency Label (EEL) | A+ |
| Energy Consumption kWh/1000 h | 9 kWh |

- Product Data

| | |
|---|---|
| Full product code | 871869648999400 |

| | |
|---|---|
| Order product name | MAS LEDspotLV D 8.0-50W 827 MR16 24D |
| EAN/UPC - Product | 8718696489994 |
| Order code | 929001149802 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001149802 |
| Net Weight (Piece) | 0.045 kg |

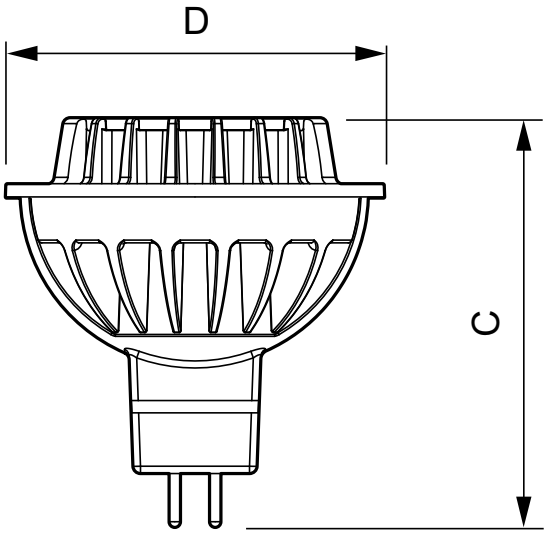
## Warnings and Safety

- 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

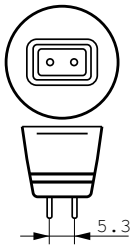
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## Dimensional drawing



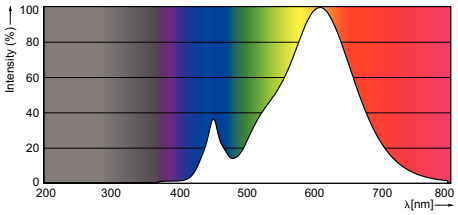

8-50 W GU5.3 MR16




LED D 8-50W 827 MR16 24D

| Product | D | C |
|---|---|---|
| MAS LEDspotLV D 8.0-50W 827 MR16 24D | 51 mm | 55 mm |

## Photometric data




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