



# MASTER VALUE LEDs pot LV

## MASTER LEDspotLV VLE D 8-50W 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.

### 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

### Product data

| General Information |                    |
|---------------------|--------------------|
| Cap-Base            | GU5.3 [GU5.3]      |
| Nominal lifetime    | 25,000 hour(s)     |
| Switching Cycle     | 50,000             |
| Lighting Technology | LED                |
| EU RoHS compliant   | Yes                |
| Light Technical     |                    |
| Color Code          | 827 [CCT of 2700K] |

|                                       |                 |
|---------------------------------------|-----------------|
| Beam Angle (Nom)                      | 24 degree(s)    |
| Luminous Flux                         | 621 lm          |
| Luminous Intensity (Nom)              | 2,850 cd        |
| Color Designation                     | Warm White (WW) |
| Correlated Color Temperature (Nom)    | 2700 K          |
| Luminous Efficacy (rated) (Nom)       | 77.63 lm/W      |
| Color Consistency                     | <6              |
| Color rendering index (CRI)           | 80              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %            |

MASTER VALUE LEDspot LV

|                                   |        |
|-----------------------------------|--------|
| Luminous Flux in 90° Cone (Rated) | 621 lm |
|-----------------------------------|--------|

Operating and Electrical

|                           |          |
|---------------------------|----------|
| Power Consumption         | 8 W      |
| Lamp Current (Nom)        | 1,000 mA |
| Starting Time (Nom)       | 0.5 s    |
| Warm-up time to 60% light | 1 s      |
| Power Factor (Fraction)   | 0.7      |
| Voltage (Nom)             | 12 V     |

Temperature

|                      |       |
|----------------------|-------|
| T-Case Maximum (Nom) | 75 °C |
|----------------------|-------|

Controls and Dimming

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

Mechanical and Housing

|            |                   |
|------------|-------------------|
| Bulb Shape | MR16 [2inch/50mm] |
|------------|-------------------|

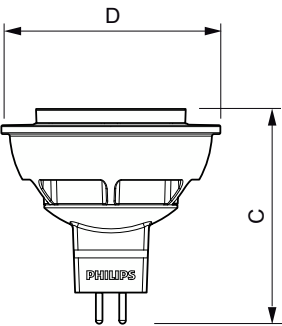
Approval and Application

|                               |       |
|-------------------------------|-------|
| Energy Saving Product         | Yes   |
| Suitable For Accent Lighting  | Yes   |
| Energy Consumption kWh/1000 h | 9 kWh |

Product Data

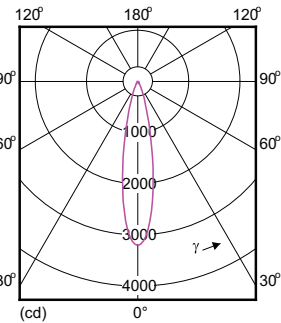
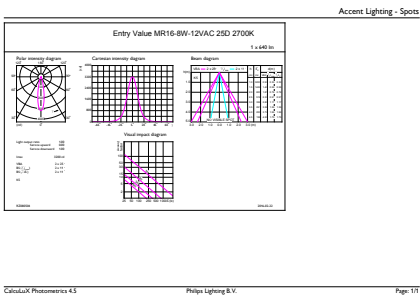
|                                 |   |
|---------------------------------|---|
| Order product name              | MAS LEDspotLV VLE D 8-50W 827 MR16 24D    |
| Full product name               | MASTER LEDspotLV VLE D 8-50W 827 MR16 24D |
| Full product code               | 871869657201600                           |
| Order code                      | 57201600                                  |
| Material Nr. (12NC)             | 929001241002                              |
| Numerator - Quantity Per Pack   | 1   |
| EAN/UPC - Product/Case          | 8718696572016                             |
| Numerator - Packs per outer box | 10  |
| EAN/UPC - Case                  | 8718696572023                             |

Dimensional drawing



| Product                                | D     | C     |
|--|-------|-------|
| MAS LEDspotLV VLE D 8-50W 827 MR16 24D | 50 mm | 50 mm |

Photometric data

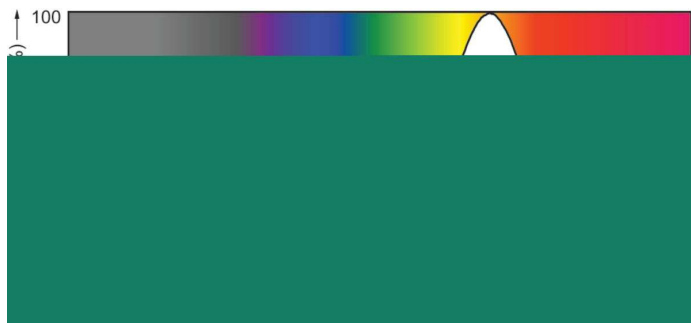


General uniform lighting - MAS LEDspotLV VLE D 8-50W 827 MR16 24D

Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 827 MR16 24D

## MASTER VALUE LEDspot LV

### Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 827  
MR16 24D

