

# MASTER LEDspot LV

## MASTER LED 7-50W 927 MR16 36D Dim

Delivering intense accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot lighting. MASTER LEDspot LV is designed to replace halogen or incandescent spots. It realizes natural colors, enables cozy and comfortable ambience for residential, hospitality and emphasizes the beauty of merchandise in retail. New smaller housing provides perfect fitting with majority of luminaires in a market with a MR16 GU 5.3 holder. It not only employs Philips' patented solution to guarantee the broadest possible compatibility with standard 12V halogen electronic transformers, it also delivers high beam intensity which is equivalent to halogen MR16 spots. The dimming function enables to create the desired atmosphere and it works with broad selection of dimmers. Its high SDCM ensure stricter color consistency, that is maintained over product life. MASTER LEDspot LV delivers huge energy savings and minimizes maintenance cost without any compromise on light quality and lifetime, enabling residential and business owners to achieve a return on their investment within short period time.

### Product data

| General Information         |                |
|-----------------------------|----------------|
| Cap-Base                    | GU5.3 [ GU5.3] |
| RoHS mark                   | RoHS mark      |
| Nominal Lifetime (Nom)      | 40000 h        |
| Switching Cycle             | 50000X         |
| Technical Type              | 7-50W          |
| Light Technical             |                |
| Color Code                  | 927            |
| Beam Angle (Nom)            | 36 °           |
| Luminous Flux (Nom)         | 500 lm         |
| Luminous Flux (Rated) (Nom) | 500 lm         |
| Luminous Intensity (Nom)    | 1400 cd        |

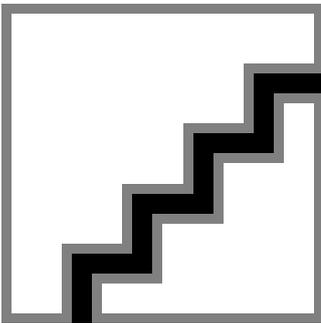
| Color Designation                     | Warm White (WW) |
|---------------------------------------|-----------------|
| Rated Beam Angle                      | 36 °            |
| Correlated Color Temperature (Nom)    | 2700 K          |
| Luminous Efficacy (rated) (Nom)       | 71.00 lm/W      |
| Color Consistency                     | <4              |
| Color Rendering Index (Nom)           | 90              |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %            |
| Operating and Electrical              |                 |
| Power (Nom)                           | 7 W             |
| Lamp Current (Nom)                    | 830 mA          |
| Wattage Equivalent                    | 50 W            |
| Starting Time (Nom)                   | 0.5 s           |

# MASTER LEDspot LV

|                                 |       |
|---------------------------------|-------|
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| Power Factor (Nom)              | 0.7   |
| Voltage (Nom)                   | 12 V  |
| <b>Temperature</b>              |       |
| T-Case Maximum (Nom)            | 90 °C |
| <b>Controls and Dimming</b>     |       |
| Dimmable                        | Yes   |
| <b>Approval and Application</b> |       |
| Energy Efficiency Label (EEL)   | A     |
| Suitable For Accent Lighting    | Yes   |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Energy Consumption kWh/1000 h   | 8 kWh                             |
| <b>Product Data</b>             |                                   |
| Full product code               | 871869681233400                   |
| Order product name              | MASTER LED 7-50W 927 MR16 36D Dim |
| EAN/UPC - Product               | 8718696812334                     |
| Order code                      | 929001880108                      |
| Numerator - Quantity Per Pack   | 1                                 |
| Numerator - Packs per outer box | 10                                |
| Material Nr. (12NC)             | 929001880108                      |
| Net Weight (Piece)              | 0.052 kg                          |

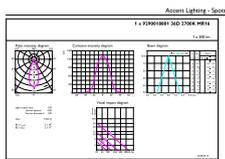
## Dimensional drawing



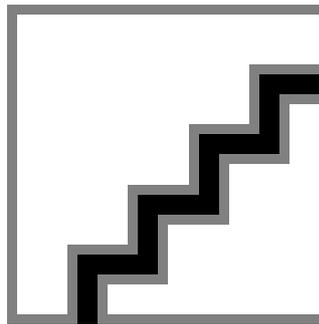
MR16 12V 7-35W 400lm 36D 2700K GU5.3 D

| Product                           | D       | C       |
|-----------------------------------|---------|---------|
| MASTER LED 7-50W 927 MR16 36D Dim | 50.5 mm | 46.5 mm |

## Photometric data



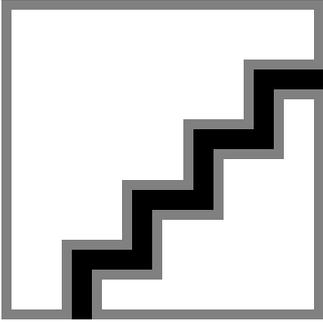
7-50W GU5-3 MR16 36D 927 2700K



7-50W GU5-3 MR16

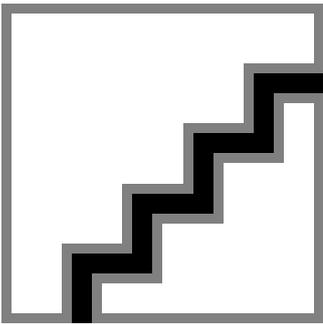
# MASTER LEDspot LV

## Photometric data

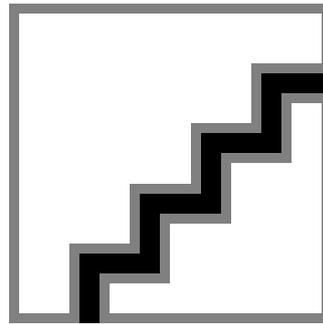


7-50W GU5-3 MR16 36D 927 2700K

## Lifetime



7-50W GU5-3 MR16



7-50W GU5-3 MR16

