



# MASTER LEDspot LV

## MASTER LED 7-50W 940 MR16 24D 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

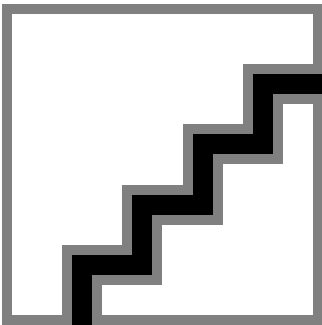
| General Information         |                     | Color Designation                     |                 |
|-----------------------------|---------------------|---------------------------------------|-----------------|
| Cap-Base                    | GU5.3 [ GU5.3]      | Color Designation                     | Cool White (CW) |
| RoHS mark                   | RoHS mark           | Rated Beam Angle                      | 24 °            |
| Nominal Lifetime (Nom)      | 40000 h             | Correlated Color Temperature (Nom)    | 4000 K          |
| Switching Cycle             | 50000X              | Luminous Efficacy (rated) (Nom)       | 75.00 lm/W      |
| Technical Type              | 7-50W               | Color Consistency                     | <4              |
| Light Technical             |                     | Color Rendering Index (Nom)           | 90              |
| Color Code                  | 940 [ CCT of 4000K] | LLMF At End Of Nominal Lifetime (Nom) | 70 %            |
| Beam Angle (Nom)            | 24 °                | Operating and Electrical              |                 |
| Luminous Flux (Nom)         | 530 lm              | Power (Nom)                           | 7 W             |
| Luminous Flux (Rated) (Nom) | 530 lm              | Lamp Current (Nom)                    | 830 mA          |
| Luminous Intensity (Nom)    | 2700 cd             | 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  |
| Temperature                     |       |
| T-Case Maximum (Nom)            | 90 °C |
| Controls and Dimming            |       |
| Dimmable                        | Yes   |
| Approval and Application        |       |
| Energy Efficiency Label (EEL)   | A     |
| Suitable For Accent Lighting    | Yes   |

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Energy Consumption kWh/1000 h   | 8 kWh                             |
| Product Data                    |                                   |
| Full product code               | 871869681229700                   |
| Order product name              | MASTER LED 7-50W 940 MR16 24D Dim |
| EAN/UPC - Product               | 8718696812297                     |
| Order code                      | 929001880008                      |
| Numerator - Quantity Per Pack   | 1                                 |
| Numerator - Packs per outer box | 10                                |
| Material Nr. (12NC)             | 929001880008                      |
| Net Weight (Piece)              | 0.052 kg                          |

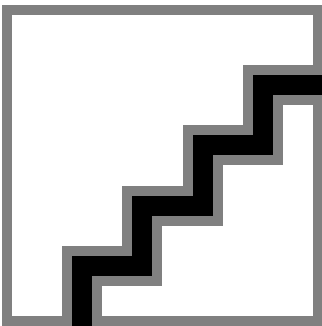
Dimensional drawing



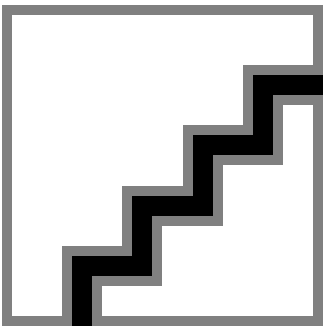
MR16 12V 7-35W 400lm 24D 4000K GU5.3 D

| Product                           | D       | C       |
|-----------------------------------|---------|---------|
| MASTER LED 7-50W 940 MR16 24D Dim | 50.5 mm | 46.5 mm |

Photometric data

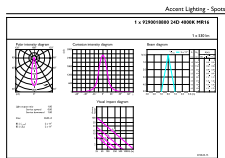


7-50W GU5-3 MR16



7-50W GU5-3 MR16 24D 940 4000K

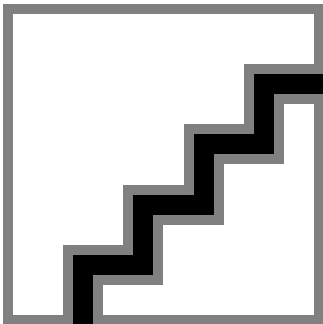
## Photometric data



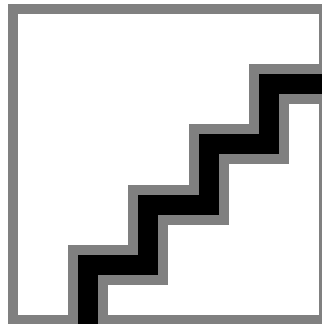
Calculation Photometrics 4.5 Philips Lighting B.V. Page 1/1

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## Lifetime



7-50W GU5-3 MR16



7-50W GU5-3 MR16

