



# MASTER LEDspot LV

## MASTER LED 8-50W+ 827 MR16 36D Dim

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

### Product data

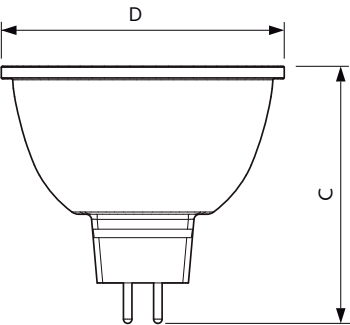
| General Information          |                       | Operating and Electrical               |                 |
|------------------------------|-----------------------|--|-----------------|
| Cap base                     | GU5.3 [ GU5.3]        | Colour designation                     | Warm White (WW) |
| RoHS mark                    | RoHS mark             | Rated beam angle                       | 36 °            |
| Nominal lifetime (nom.)      | 40000 h               | Correlated colour temperature (nom.)   | 2700 K          |
| Switching cycle              | 50000X                | Luminous efficacy (rated) (nom.)       | 82.00 lm/W      |
| Technical type               | 8-50W                 | Colour consistency                     | <4              |
| Light Technical              |                       | Color rendering index (nom.)           | 80              |
| Colour code                  | 827 [ CCT of 2,700 K] | LLMF at end of nominal lifetime (nom.) | 70 %            |
| Beam Angle (Nom)             | 36 °                  | Power (Rated) (Nom)                    | 8 W             |
| Luminous flux (nom.)         | 660 lm                | Lamp current (nom.)                    | 960 mA          |
| Luminous flux (rated) (nom.) | 660 lm                | Wattage equivalent                     | 50 W            |
| Luminous intensity (nom.)    | 1700 cd               | Starting time (nom.)                   | 0.5 s           |

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|                                  |        |
|----------------------------------|--------|
| Warm-up time to 60% light (nom.) | 0.5 s  |
| Power factor (nom.)              | 0.7    |
| Voltage (Nom)                    | 12 V   |
| Temperature                      |        |
| T-Case maximum (nom.)            | 100 °C |
| Controls and Dimming             |        |
| Dimmable                         | Yes    |
| Approval and Application         |        |
| Energy efficiency label (EEL)    | A+     |
| Suitable for accent lighting     | Yes    |

|                                 |                                    |
|---------------------------------|------------------------------------|
| Energy Consumption kWh/1000 h   | 9 kWh                              |
| Product Data                    |                                    |
| Full product code               | 871869681295200                    |
| Order product name              | MASTER LED 8-50W+ 827 MR16 36D Dim |
| EAN/UPC – product               | 8718696812952                      |
| Order code                      | 81295200                           |
| Numerator – quantity per pack   | 1                                  |
| Numerator – packs per outer box | 10                                 |
| Material no. (12NC)             | 929001881608                       |
| Net weight (piece)              | 0.052 kg                           |

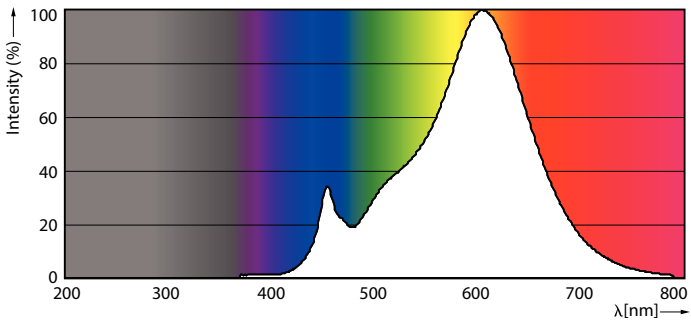
## Dimensional drawing



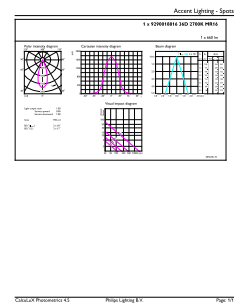
MR16 12V 8-50W 621lm 36D 2700K GU5.3 D

| Product                            | D       | C       |
|------------------------------------|---------|---------|
| MASTER LED 8-50W+ 827 MR16 36D Dim | 50.5 mm | 46.5 mm |

## Photometric data



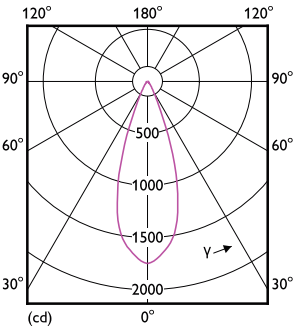
8-50W GU5-3 MR16



8-50W GU5-3 MR16 36D 827 2700K

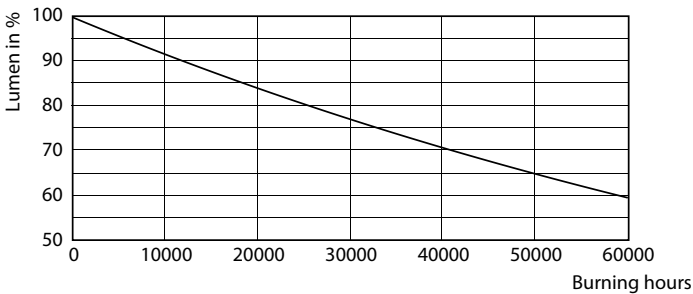
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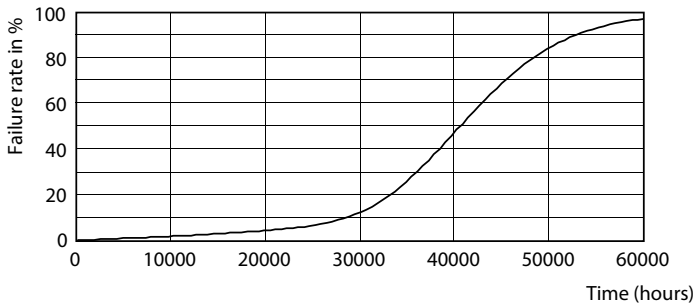


8-50W GU5-3 MR16 36D 827 2700K

Lifetime



7-50W GU5-3 MR16



7-50W GU5-3 MR16

