



# MASTER LEDspot LV

## MASTER LED 6.5-50W 927 MR16 24D 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

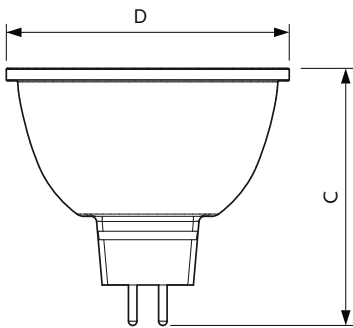
| General Information                  |                       | Operating and Electrical               |            |
|--------------------------------------|-----------------------|--|------------|
| Cap base                             | GU5.3 [ GU5.3]        | Lamp Luminous Efficacy EM (Nom)        | 76.00 lm/W |
| EU RoHS compliant                    | Yes                   | Colour consistency                     | <4         |
| Nominal lifetime (nom.)              | 40000 h               | Colour Rendering Index,horiz (Nom)     | 90         |
| Switching cycle                      | 50,000X               | LLMF at end of nominal lifetime (nom.) | 70 %       |
| Light Technical                      |                       | Input frequency                        | - Hz       |
| Colour Code                          | 927 [ CCT of 2,700 K] | Power (Rated) (Nom)                    | 6.5 W      |
| Technical Beam Angle (Nom)           | 24 °                  | Lamp current (nom.)                    | 650 mA     |
| Lamp Luminous Flux 25°C EL (Nom)     | 500 lm                | Wattage equivalent                     | 50 W       |
| Luminous intensity (nom.)            | 2800 cd               | Starting time (nom.)                   | 0.5 s      |
| Colour Designation                   | Warm white (WW)       | Warm-up time to 60% light (nom.)       | 0.5 s      |
| Colour Temperature, horizontal (Nom) | 2700 K                | Power factor (nom.)                    | 0.7        |

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|                                 |                            |
|---------------------------------|----------------------------|
| <b>Voltage (Nom)</b>            | ac electronic 12 V         |
| <b>Temperature</b>              |                            |
| T-Case maximum (nom.)           | 90 °C                      |
| <b>Controls and Dimming</b>     |                            |
| Dimmable                        | Only with specific dimmers |
| <b>Mechanical and Housing</b>   |                            |
| Bulb shape                      | MR16 [ 2inch/50mm]         |
| <b>Approval and Application</b> |                            |
| Suitable for accent lighting    | Yes                        |

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>Product Data</b>               |                                     |
| Full product code                 | 871951435775400                     |
| Order product name                | MASTER LED 6.5-50W 927 MR16 24D Dim |
| EAN/UPC – product                 | 8719514357754                       |
| Order code                        | 929003071908                        |
| SAP numerator – quantity per pack | 1                                   |
| Numerator – packs per outer box   | 10                                  |
| SAP material                      | 929003071908                        |
| SAP net weight (piece)            | 0.060 kg                            |

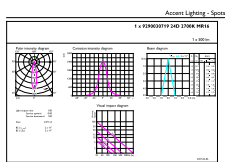
## Dimensional drawing



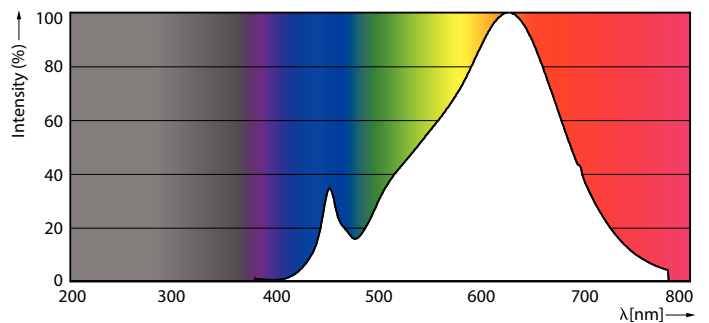
MASTER LED 6.5-50W 927 MR16 24D Dim

| Product                             | D     | C |
|-------------------------------------|-------|---|
| MASTER LED 6.5-50W 927 MR16 24D Dim | 50 mm |   |

## Photometric data



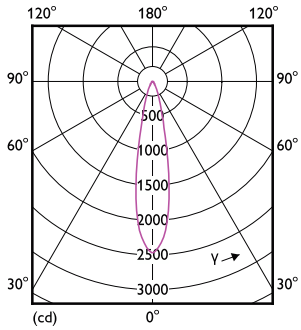
LEDspots GMGCLA 6,5W MR16 GU5,3 927 24D-ADL



LEDspots GMGCLA 6,5W MR16 GU5,3 927 24D-POC

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## Photometric data



LEDspots GMGCLA 6,5W MR16 GU5,3 927 24D-LDD

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

