



# MASTER LEDspot LV

## MASTER LED 6.5-50W 927 MR16 60D 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              |
| Nominal lifetime         | 40,000 hour(s)     |
| Switching Cycle          | 50,000             |
| Lighting Technology      | LED                |
| EU RoHS compliant        | Yes                |
| Light Technical          |                    |
| Color Code               | 927 [CCT of 2700K] |
| Beam Angle (Nom)         | 60 degree(s)       |
| Luminous Flux            | 500 lm             |
| Luminous Intensity (Nom) | 500 cd             |
| Color Designation        | Warm White (WW)    |

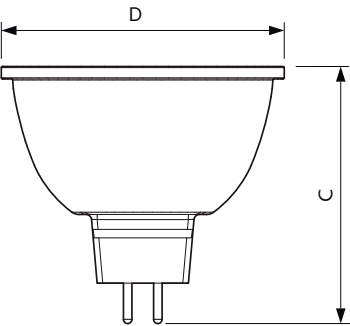
| Correlated Color Temperature (Nom)    | 2700 K     |
|---------------------------------------|------------|
| Luminous Efficacy (rated) (Nom)       | 76.00 lm/W |
| Color Consistency                     | <4         |
| Color rendering index (CRI)           | 90         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %       |
| Operating and Electrical              |            |
| Line Frequency                        | - Hz       |
| Input Frequency                       | - Hz       |
| Power Consumption                     | 6.5 W      |
| Lamp Current (Nom)                    | 650 mA     |
| Wattage Equivalent                    | 50 W       |
| Starting Time (Nom)                   | 0.5 s      |

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|                              |                            |
|------------------------------|----------------------------|
| Warm-up time to 60% light    | 0.5 s                      |
| Power Factor (Fraction)      | 0.7                        |
| Voltage (Nom)                | ac electronic 12 V         |
| Temperature                  |                            |
| T-Case Maximum (Nom)         | 90 °C                      |
| Controls and Dimming         |                            |
| Dimmable                     | Only with specific dimmers |
| Mechanical and Housing       |                            |
| Bulb Shape                   | MR16                       |
| Approval and Application     |                            |
| Suitable For Accent Lighting | Yes                        |

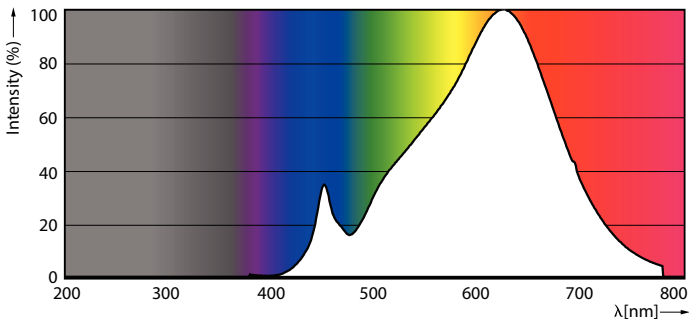
|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product Data                    |                                     |
| Order product name              | MASTER LED 6.5-50W 927 MR16 60D Dim |
| Full product name               | MASTER LED 6.5-50W 927 MR16 60D Dim |
| Full product code               | 871951435799000                     |
| Order code                      | 929003075908                        |
| Material Nr. (12NC)             | 929003075908                        |
| Numerator - Quantity Per Pack   | 1                                   |
| EAN/UPC - Product/Case          | 8719514357990                       |
| Numerator - Packs per outer box | 10                                  |
| EAN/UPC - Case                  | 8719514358003                       |

Dimensional drawing

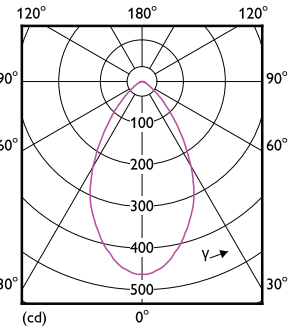


| Product                             | D     | C       |
|-------------------------------------|-------|---------|
| MASTER LED 6.5-50W 927 MR16 60D Dim | 50 mm | 46.5 mm |

Photometric data



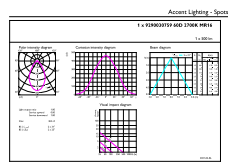
Spectral Power Distribution Colour - MASTER LED 6.5-50W 927 MR16 60D Dim



Light Distribution Diagram - MASTER LED 6.5-50W 927 MR16 60D Dim

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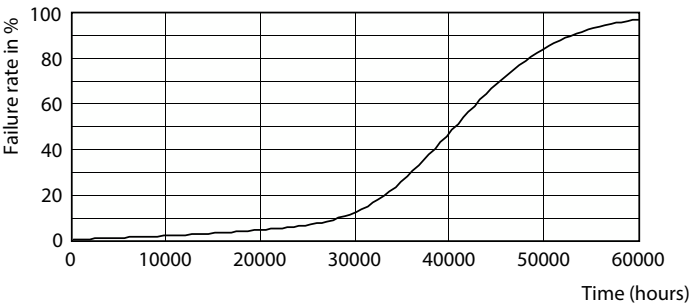
## Photometric data



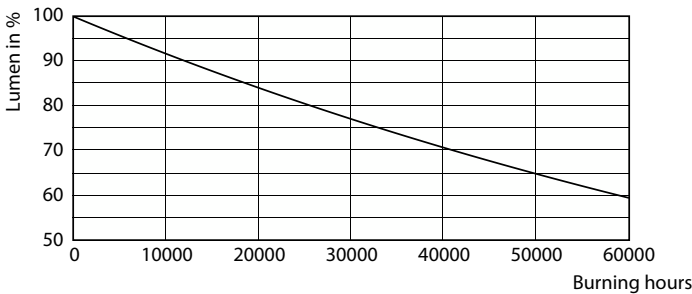
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### Accent Lighting Spots - MASTER LED 6.5-50W 927 MR16 60D Dim

## Lifetime



### Life Expectancy Diagram - MASTER LED 6.5-50W 927 MR16 60D Dim



### Lumen Maintenance Diagram - MASTER LED 6.5-50W 927 MR16 60D Dim

