



# MASTER LEDspot LV

## MAS LEDspotLV D 7-35W 927 MR16 36D

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      |                 | Correlated Color Temperature (Nom)    |            |
|--------------------------|-----------------|---------------------------------------|------------|
| Cap-Base                 | GU5.3 [GU5.3]   | Luminous Efficacy (rated) (Nom)       | 71.00 lm/W |
| Nominal lifetime         | 40,000 hour(s)  | Color Consistency                     | <4         |
| Switching Cycle          | 50,000          | Color rendering index (CRI)           | 90         |
| Lighting Technology      | LED             | LLMF At End Of Nominal Lifetime (Nom) | 70 %       |
| EU RoHS compliant        | Yes             | Operating and Electrical              |            |
| Light Technical          |                 | Line Frequency                        | - Hz       |
| Color Code               | 927             | Input Frequency                       | - Hz       |
| Beam Angle (Nom)         | 36 degree(s)    | Power Consumption                     | 7 W        |
| Luminous Flux            | 500 lm          | Lamp Current (Nom)                    | 830 mA     |
| Luminous Intensity (Nom) | 1,400 cd        | Wattage Equivalent                    | 35 W       |
| Color Designation        | Warm White (WW) | 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 | Yes |
|----------|-----|

## Mechanical and Housing

|            |                   |
|------------|-------------------|
| Bulb Shape | MR16 [2inch/50mm] |
|------------|-------------------|

## Approval and Application

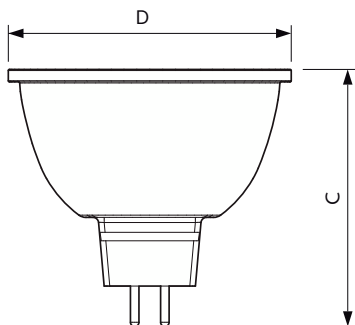
|                              |     |
|------------------------------|-----|
| Suitable For Accent Lighting | Yes |
|------------------------------|-----|

|                               |       |
|-------------------------------|-------|
| Energy Consumption kWh/1000 h | 8 kWh |
|-------------------------------|-------|

## Product Data

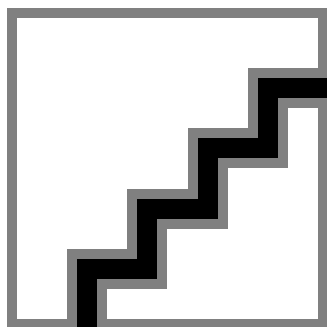
|                                 |                                    |
|---------------------------------|------------------------------------|
| Order product name              | MAS LEDspotLV D 7-35W 927 MR16 36D |
| Full product name               | MAS LEDspotLV D 7-35W 927 MR16 36D |
| Full product code               | 871869681237200                    |
| Order code                      | 929001880168                       |
| Material Nr. (12NC)             | 929001880168                       |
| Numerator - Quantity Per Pack   | 1                                  |
| EAN/UPC - Product/Case          | 8718696812372                      |
| Numerator - Packs per outer box | 10                                 |
| EAN/UPC - Case                  | 8718696812389                      |

## Dimensional drawing

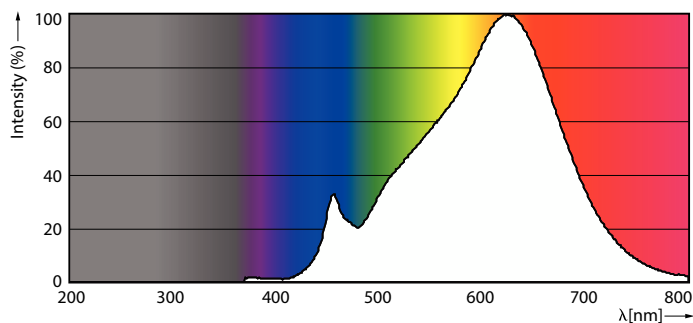


| Product                            | D       | C       |
|------------------------------------|---------|---------|
| MAS LEDspotLV D 7-35W 927 MR16 36D | 50.5 mm | 46.5 mm |

## Photometric data



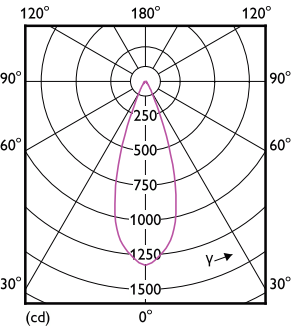
Accent Lighting Spots - MAS LEDspotLV D 7-35W 927 MR16 36D



Spectral Power Distribution Colour - MAS LEDspotLV D 7-35W 927 MR16 36D

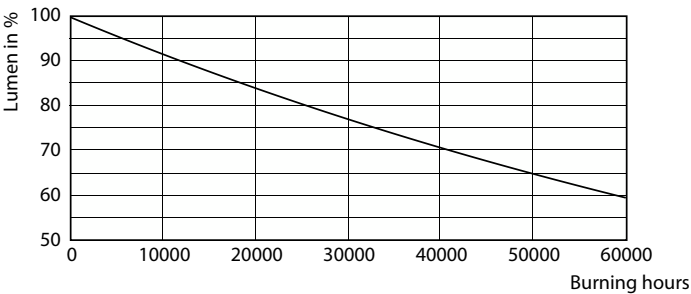
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## Photometric data



Light Distribution Diagram - MAS LEDspotLV D 7-35W 927 MR16 36D

## Lifetime



Lumen Maintenance Diagram - MAS LEDspotLV D 7-35W 927 MR16 36D

Life Expectancy Diagram - MAS LEDspotLV D 7-35W 927 MR16 36D

