



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 15-75W 827 AR111 40D

With its new perfect-fit design, the Master LEDspot LV AR111 now works with most of G53 luminaires as a true retrofit solution. The lamp creates a brilliant visual effect for retail and hospitality applications such as shops, showrooms and galleries. The high quality light brings out the true colors in merchandise and emphasizes its beauty. It also lasts long, with a strong lumen and color maintenance. The beautifully designed lamp offers a well-defined beam with a multitude of beam angles to suit various applications. Not only does it employ the Philips patented solution to ensure it is compatible with a broad selection of standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen AR111 spots of 50W, 75W or 100W.

### Product data

| General Information                |                    | Color Consistency                     |                      |
|------------------------------------|--------------------|---------------------------------------|----------------------|
| Cap-Base                           | G53 [G53]          | Color rendering index (CRI)           | <6                   |
| Nominal lifetime                   | 40,000 hour(s)     | LLMF At End Of Nominal Lifetime (Nom) | 80                   |
| Switching Cycle                    | 50,000             | Luminous Flux in 90° Cone (Rated)     | 70 %                 |
| Lighting Technology                | LED                |                                       | 760 lm               |
| EU RoHS compliant                  | Yes                |                                       |                      |
| Light Technical                    |                    | Operating and Electrical              |                      |
| Color Code                         | 827 [CCT of 2700K] | Line Frequency                        | 50 to 60 Hz          |
| Beam Angle (Nom)                   | 40 degree(s)       | Input Frequency                       | 50 to 60 Hz          |
| Luminous Flux                      | 760 lm             | Power Consumption                     | 15 W                 |
| Luminous Intensity (Nom)           | 1,660 cd           | Lamp Current (Nom)                    | 1,600 mA             |
| Color Designation                  | Warm White (WW)    | Wattage Equivalent                    | 75 W                 |
| Correlated Color Temperature (Nom) | 2700 K             | Starting Time (Nom)                   | 1 s                  |
| Luminous Efficacy (rated) (Nom)    | 50.67 lm/W         | Warm-up time to 60% light             | instant full light s |
|                                    |                    | Power Factor (Fraction)               | 0.5                  |

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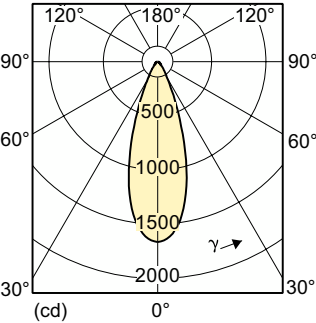
|                                 |        |
|---------------------------------|--------|
| Voltage (Nom)                   | 12 V   |
| <b>Controls and Dimming</b>     |        |
| Dimmable                        | Yes    |
| <b>Mechanical and Housing</b>   |        |
| Bulb Shape                      | AR111  |
| <b>Approval and Application</b> |        |
| Suitable For Accent Lighting    | Yes    |
| Energy Consumption kWh/1000 h   | 16 kWh |
| EyeComfort                      | Yes    |

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Product Data</b>             |                                      |
| Order product name              | MAS LEDspotLV D 15-75W 827 AR111 40D |
| Full product name               | MAS LEDspotLV D 15-75W 827 AR111 40D |
| Full product code               | 871829171858100                      |
| Order code                      | 929000261202                         |
| Material Nr. (12NC)             | 929000261202                         |
| Numerator - Quantity Per Pack   | 1                                    |
| EAN/UPC - Product/Case          | 8718291718581                        |
| Numerator - Packs per outer box | 6                                    |
| EAN/UPC - Case                  | 8718291718598                        |

## Dimensional drawing

| Product                              | D      | C     |
|--------------------------------------|--------|-------|
| MAS LEDspotLV D 15-75W 827 AR111 40D | 111 mm | 56 mm |

## Photometric data



Light Distribution Diagram - MAS LEDspotLV D 15-75W 827 AR111 40D

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