



MASTER LEDspot LV AR111

MAS LEDspotLV D 11-50W 930 AR111 8D

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

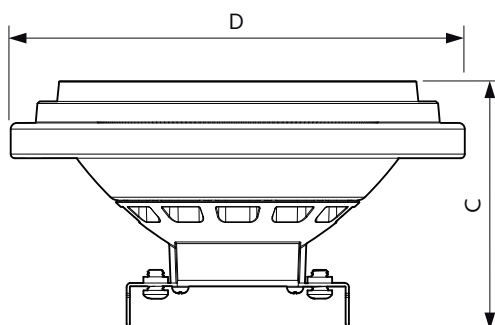
| General Information | | Color Consistency | |
|------------------------------------|--------------------|---------------------------------------|----------|
| Cap-Base | G53 [G53] | Color rendering index (CRI) | <3 |
| Nominal lifetime | 40,000 hour(s) | LLMF At End Of Nominal Lifetime (Nom) | 90 |
| Switching Cycle | 50,000 | | 70 % |
| Lighting Technology | LED | Operating and Electrical | |
| EU RoHS compliant | Yes | Line Frequency | - Hz |
| | | Input Frequency | - Hz |
| | | Power Consumption | 11 W |
| | | Lamp Current (Nom) | 1,300 mA |
| | | Wattage Equivalent | 50 W |
| | | Starting Time (Nom) | 0.5 s |
| | | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.7 |
| | | Voltage (Nom) | 12 V |
| Light Technical | | | |
| Color Code | 930 [CCT of 3000K] | | |
| Beam Angle (Nom) | 8 degree(s) | | |
| Luminous Flux | 610 lm | | |
| Luminous Intensity (Nom) | 8,000 cd | | |
| Color Designation | White (WH) | | |
| Correlated Color Temperature (Nom) | 3000 K | | |
| Luminous Efficacy (rated) (Nom) | 55.45 lm/W | | |

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| | |
|---------------------------------|--------|
| Temperature | |
| T-Case Maximum (Nom) | 70 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Shape | AR111 |
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 13 kWh |

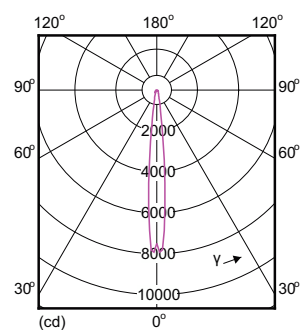
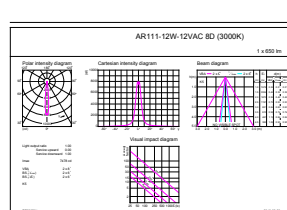
| Product Data | |
|---------------------------------|-------------------------------------|
| Order product name | MAS LEDspotLV D 11-50W 930 AR111 8D |
| Full product name | MAS LEDspotLV D 11-50W 930 AR111 8D |
| Full product code | 871869670727200 |
| Order code | 929001244008 |
| Material Nr. (12NC) | 929001244008 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696707272 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718696707289 |

Dimensional drawing



| Product | D | C |
|-------------------------------------|--------|-------|
| MAS LEDspotLV D 11-50W 930 AR111 8D | 111 mm | 62 mm |

Photometric data



General uniform lighting - MAS LEDspotLV D 11-50W 930 AR111 8D

Light Distribution Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

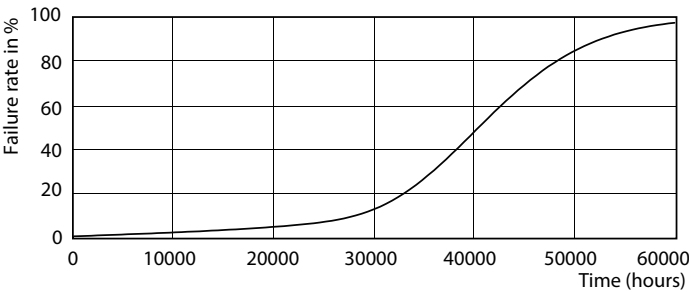
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Photometric data

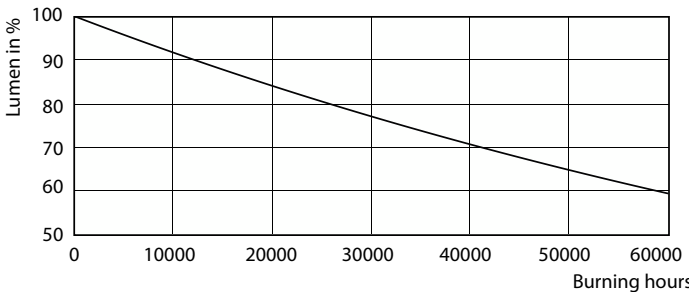


Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 930 AR111 8D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D



Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

