



MASTER LEDspot LV AR111 – Ideal solution for spot lighting in shops

MASTER LEDspot LV AR111

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV AR111 is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums. The robustly designed MASTER LEDspot LV AR111 offers various beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. MASTER LEDspot LV AR111 delivers huge energy savings and minimises maintenance cost without any reduction in brightness.

Benefits

- Up to 80% energy saving compared with halogen lamps
- Broad compatibility with transformers
- Retrofittable

Features

- Patented intelligent driver
- Lifetime of 45,000 hours
- Low energy consumption
- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

MASTER LEDspot LV AR111

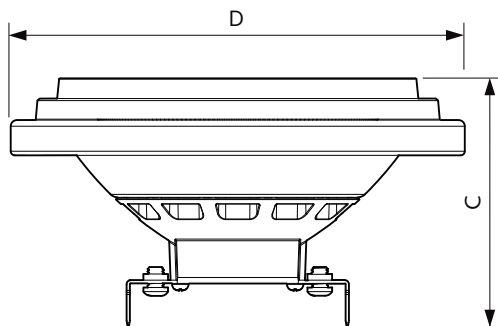
Application

- Shops, hotels, restaurants, bars, cafés
- Galleries, museums, exhibitions, lobbies, corridors, stairwells, washrooms, reception areas

Versions



Dimensional drawing



| Product | D | C |
|--------------------------------------|--------|-------|
| MAS LEDspotLV D 15-75W 927 AR111 40D | 111 mm | 62 mm |
| MAS LEDspotLV D 15-75W 930 AR111 40D | 111 mm | 62 mm |

MASTER LEDspot LV AR111

Approval and Application

| | |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 17 kWh |
|-------------------------------|--------|

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Operating and Electrical

| | |
|---------------------|-------|
| Input Frequency | - Hz |
| Voltage (Nom) | 12 V |
| Wattage Equivalent | 75 W |
| Power (Rated) (Nom) | 15 W |
| Starting Time (Nom) | 0.5 s |

General Information

| | |
|------------------------|---------|
| Cap-Base | G53 |
| Nominal Lifetime (Nom) | 40000 h |
| Switching Cycle | 50,000X |

Light Technical

| | |
|---------------------------------------|------|
| Beam Angle (Nom) | 40 ° |
| Colour Rendering Index (Nom) | 90 |
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |

Mechanical and Housing

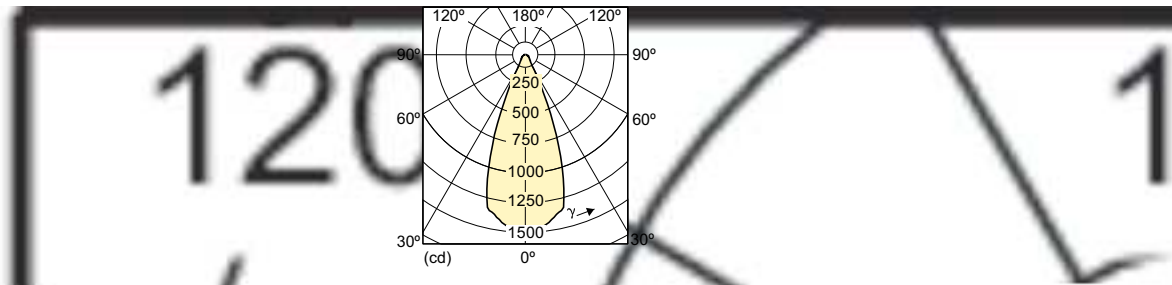
| | |
|------------|-------|
| Bulb Shape | AR111 |
|------------|-------|

Temperature

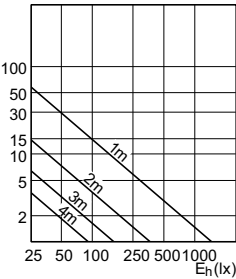
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| T-Case Maximum (Nom) | 74 °C |
|----------------------|-------|

Light Technical

| Order Code | Full Product Name | Colour Code | Correlated Colour Temperature (Nom) | Luminous Flux (Nom) | Luminous Intensity (Nom) |
|--------------|--------------------------------------|-------------|-------------------------------------|---------------------|--------------------------|
| 929001170408 | MAS LEDspotLV D 15-75W 927 AR111 40D | 927 | 2700 K | 830 lm | 1400 cd |
| 929001170508 | MAS LEDspotLV D 15-75W 930 AR111 40D | 930 | 3000 K | 840 lm | 1450 cd |

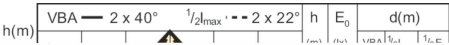


Accent Diagrams

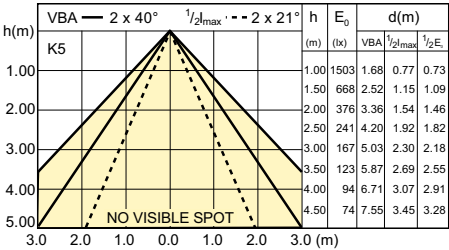


SDAC_LEDspotL_0138-Accent diagram

Beam Diagrams



SDBE_LEDspotL_0138-Beam diagram



SDBE_LEDspotL_0139-Beam diagram

