



MASTER LEDspot ExpertColor AR111



MAS ExpertColor 14.8-75W 927 AR111 24D

The MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV and LEDspot Par lamps.

Product data

| Community of the same of the s | | |
|--|-----------------------|--|
| General information | | |
| Cap base | G53 [G53] | |
| EU RoHS compliant | Yes | |
| Nominal lifetime (nom.) | 40000 h | |
| Switching cycle | 50000 | |
| | Narrow Cone | |
| Tier | MASTER | |
| | | |
| Light technical | | |
| Colour Code | 927 [CCT of 2,700 K] | |
| Beam Angle (Nom) | 24 ° | |
| Luminous flux (nom.) | 875 lm | |
| Luminous intensity (nom.) | 3000 cd | |
| Colour designation | Warm white (WW) | |
| Correlated Colour Temperature (Nom) | 2700 K | |
| Luminous efficacy (rated) (nom.) | 59 lm/W | |
| Colour consistency | <4 | |
| Colour rendering index (nom.) | 95 | |
| | | |

| LLMF at end of nominal lifetime (nom.) | 70 % |
|--|--------------------|
| Luminous flux in 90° cone (rated) | 875 lm |
| | |
| Operating and electrical | |
| Input frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 14.8 W |
| Lamp current (nom.) | 1500 mA |
| Wattage equivalent | 75 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.7 |
| Voltage (Nom) | ac electronic 12 V |
| | |
| Temperature | |
| T-Case maximum (nom.) | 85 ℃ |
| | |

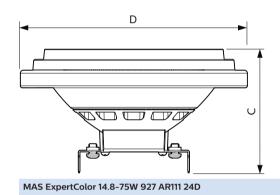
Datasheet, 2022, November 23 data subject to change

MASTER LEDspot ExpertColor AR111

| Controls and dimming | | |
|------------------------------------|----------------------------|--|
| Dimmable | Only with specific dimmers | |
| | | |
| Mechanical and housing | | |
| Lamp Finish | Clear | |
| Bulb shape | AR111 | |
| | | |
| Approval and application | | |
| Energy Efficiency Class | G | |
| Suitable for accent lighting | Yes | |
| Energy consumption kWh/1,000 hours | 15 kWh | |
| | 648255 | |
| | | |

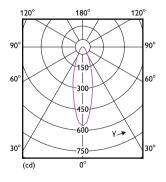
| Product data | | |
|-----------------------------------|--|--|
| Full product code | 871951433379600 | |
| Order product name | MAS ExpertColor 14.8-75W 927 AR111 24D | |
| EAN/UPC – product | 8719514333796 | |
| Order code | 33379600 | |
| SAP numerator – quantity per pack | 1 | |
| Numerator – packs per outer box | 6 | |
| SAP material | 929003042602 | |
| Net Weight (Piece) | 0.160 kg | |
| | | |

Dimensional drawing

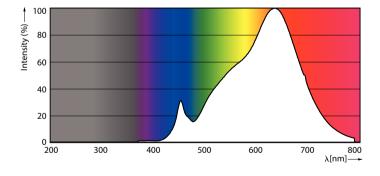


| Product | D | С |
|--|--------|-------|
| MAS ExpertColor 14.8-75W 927 AR111 24D | 111 mm | 61 mm |

Photometric data



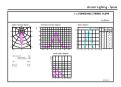




LEDspots MAS SLR 14,8W AR111 G53 927 24D-POC POC

MASTER LEDspot ExpertColor AR111

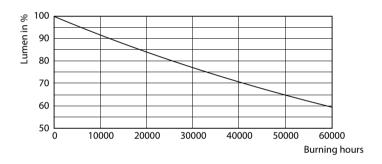
Photometric data



Calculut Photometrics 4.5 Philips Lighting SLV. Pages 19

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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