



LED AR111

20AR111/LED/827/F25/DIM 12V 6/1

With an elegant new design, Philips MasterClass LED AR111 creates a brilliant visual effect. With excellent rendering of 90+ CRI and R9>50, colors stay vibrant and natural, enhancing the appeal of everything on display.

Product data

| General information | |
|---------------------------------------|---------------------|
| Base | G53 [G53] |
| EU RoHS compliant | Yes |
| Nominal Lifetime (Nom) | 25000 h |
| Switching Cycle | 50000X |
| Technical Type | 20-100W |
| Light technical | |
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 25° |
| Initial lumen (Nom) | 1240 lm |
| Luminous Intensity (Nom) | 5600 cd |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 62.00 lm/W |
| Color Consistency | <6 |
| Color Rendering Index (Nom) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Luminous Flux in 90° Cone (Rated) | 1240 lm |
| Operating and electrical | |
| Input Frequency | - Hz |
| Power (Rated) (Nom) | 20 W |
| Lamp Current (Nom) | 2400 mA |

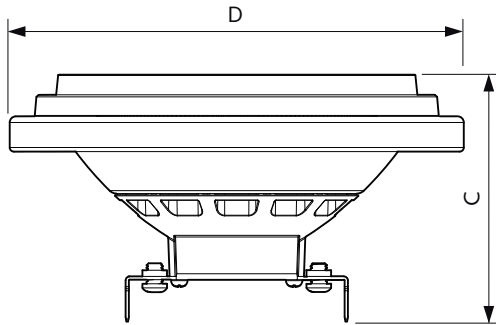
| Wattage Equivalent | 100 W |
|---------------------------------|--|
| Starting Time (Nom) | 0.5 s |
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| Power Factor (Nom) | 0.7 |
| Voltage (Nom) | 12 V |
| Temperature | |
| T-Case Maximum (Nom) | 176 °F |
| Controls and dimming | |
| Dimmable | Yes |
| Mechanical and housing | |
| Bulb Finish | Clear |
| Bulb Material | Plastic |
| Bulb Shape | AR111 |
| Approval and application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | - kWh |
| Product data | |
| Order product name | 20AR111/LED/827/F25 DIM 12V FB 1PK 6/1 |
| EAN/UPC - Product | 046677460136 |

LED AR111

| | |
|---------------------------------|--------------|
| Order code | 460139 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 929001170804 |

| | |
|-------------------------|----------|
| Copy Net Weight (Piece) | 0.353 lb |
|-------------------------|----------|

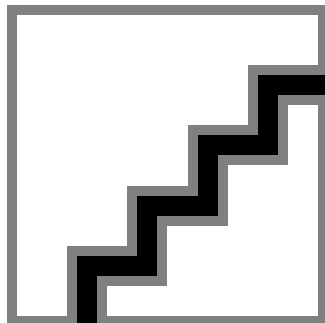
Dimensional drawing



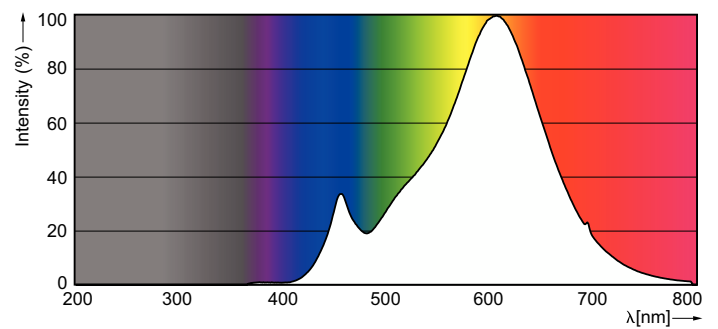
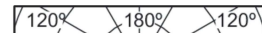
20AR111/LED/827/F25 DIM 12V FB 1PK 6/1

| Product | D | C |
|--|----------|----------|
| 20AR111/LED/827/F25 DIM 12V FB 1PK 6/1 | 4-3/8 in | 2-1/2 in |

Photometric data



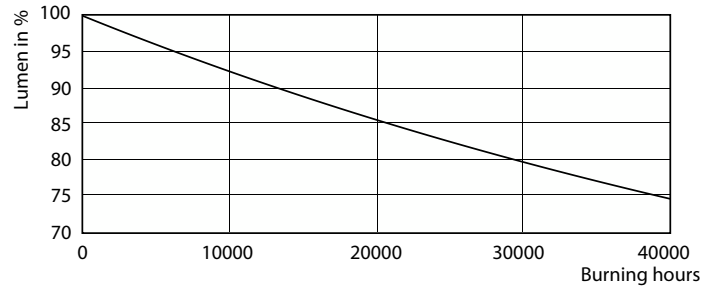
MASTER LEDspot LV AR111 100W G53 827 24D



SDPO_LEDspotL_0022-Spectral Power distribution

LED AR111

Lifetime



MASTER LEDspotLV AR111 100W G53 40D

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