



# **LED AR111**

# 20AR111/LED/930/F15 DIM 12V 6/1FB

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                       | 50000               |
|                                       |                     |
| Light technical                       |                     |
| Color Code                            | 930 [ CCT of 3000K] |
| Beam Angle (Nom)                      | 15 °                |
| Initial lumen (Nom)                   | 1200 lm             |
| Luminous Intensity (Nom)              | 8000 cd             |
| Color Designation                     | White (WH)          |
| Correlated Color Temperature (Nom)    | 3000 K              |
| Luminous Efficacy (rated) (Nom)       | 60.00 lm/W          |
| Color Consistency                     | <4                  |
| Color Rendering Index (Nom)           | 91                  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |
|                                       |                     |
| 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)                   | ac electronic 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                             |  |
| Energy Certifications           | No                                |  |
|                                 |                                   |  |
| Product data                    |                                   |  |
| Order product name              | 20AR111/LED/930/F15 DIM 12V 6/1FB |  |
| EAN/UPC - Product               | 046677552374                      |  |
| Order code                      | 552372                            |  |

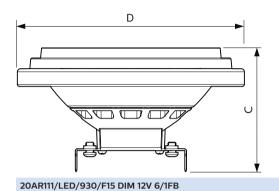
Datasheet, 2022, December 8 data subject to change

# LED AR111

| Numerator - Quantity Per Pack   | 1            |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 6            |
| Material Nr. (12NC)             | 929002239604 |

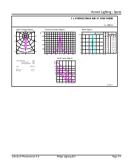
| Net Weight (Piece) | 0.353 lb |
|--------------------|----------|
|--------------------|----------|

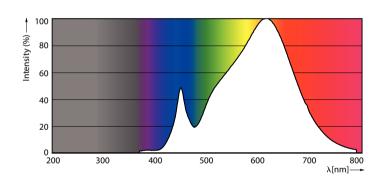
# Dimensional drawing



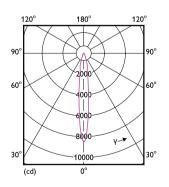
| Product                           | D        | С        |
|-----------------------------------|----------|----------|
| 20AR111/LED/930/F15 DIM 12V 6/1FB | 4-3/8 in | 2-1/2 in |

### Photometric data





### LEDspots 20W AR111 G53 930 15D

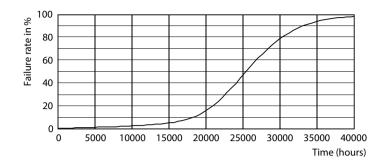


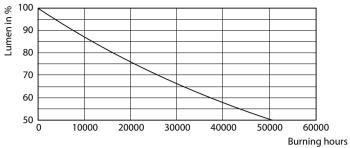
LEDspots 20W AR111 G53 930 15D

LEDspots 20W AR111 G53 930 15D

# **LED AR111**

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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