



LED AR111

20AR111/LED/830/F15 DIM 12V FB 1PK 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 | |
|---------------------|----------------|
| Cap-Base | G53 [G53] |
| Nominal lifetime | 25,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 830 [CCT of 3000K] |
| Beam Angle (Nom) | 15 degree(s) |
| Luminous Flux | 1,280 lm |
| Luminous Intensity (Nom) | 10,000 cd |
| Color Designation | White (WH) |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 64.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|--------------------------|----------|
| Line Frequency | - Hz |
| Input Frequency | - Hz |
| Power Consumption | 20 W |
| Lamp Current (Nom) | 2,400 mA |

| | |
|---------------------------|-------|
| Wattage Equivalent | 100 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 |

| Temperature | |
|----------------------|-------|
| T-Case Maximum (Nom) | 80 °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 | - kWh |

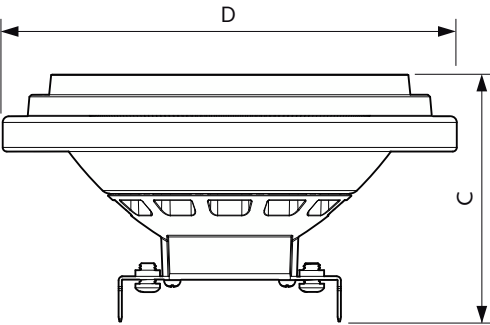
| Product Data | |
|---------------------|--|
| Order product name | 20AR111/LED/830/F15 DIM 12V FB 1PK 6/1 |
| Full product name | 20AR111/LED/830/F15 DIM 12V FB 1PK 6/1 |
| Order code | 458562 |
| Material Nr. (12NC) | 929001170604 |

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| | |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677458560 |
| Numerator - Packs per outer box | 6 |

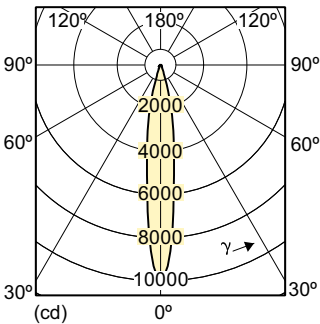
| | |
|----------------|----------------|
| EAN/UPC - Case | 50046677458565 |
|----------------|----------------|

Dimensional drawing

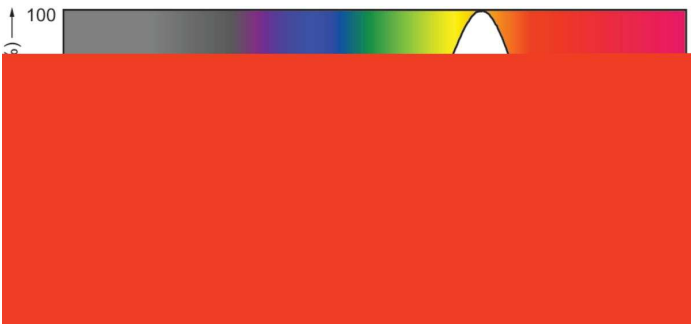


| Product | D | C |
|--|--------|---------|
| 20AR111/LED/830/F15 DIM 12V FB 1PK 6/1 | 111 mm | 62.3 mm |

Photometric data



Light Distribution Diagram - 20AR111/LED/830/F15 DIM 12V FB 1PK 6/1



Spectral Power Distribution Colour - 20AR111/LED/830/F15 DIM 12V FB 1PK 6/1

