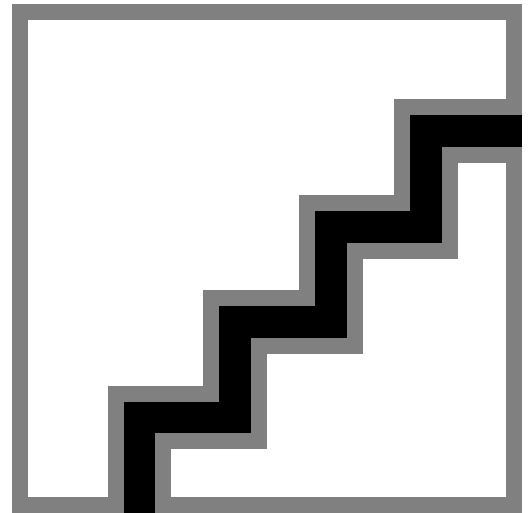




# LED AR111

## 12AR111/LED/930/S8 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                      | 40,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LED                |
| EU RoHS compliant                     | Yes                |
| Light Technical                       |                    |
| Color Code                            | 930 [CCT of 3000K] |
| Beam Angle (Nom)                      | 8 degree(s)        |
| Luminous Flux                         | 610 lm             |
| Luminous Intensity (Nom)              | 8,000 cd           |
| Color Designation                     | White (WH)         |
| Correlated Color Temperature (Nom)    | 3000 K             |
| Luminous Efficacy (rated) (Nom)       | 50.83 lm/W         |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 90                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Luminous Flux in 90° Cone (Rated)     | 610 lm             |
| Operating and Electrical              |                    |
| Line Frequency                        | - Hz               |
| Input Frequency                       | - Hz               |
| Power Consumption                     | 11 W               |

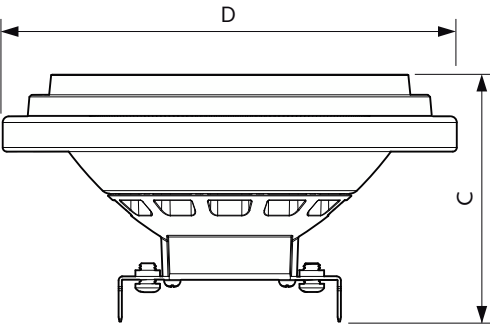
| Lamp Current (Nom)            | 1,300 mA                              |
|-------------------------------|---------------------------------------|
| Wattage Equivalent            | 50 W                                  |
| Starting Time (Nom)           | 0.5 s                                 |
| Warm-up time to 60% light     | 0.5 s                                 |
| Power Factor (Fraction)       | 0.7                                   |
| Voltage (Nom)                 | 12 V                                  |
| Temperature                   |                                       |
| T-Case Maximum (Nom)          | 65 °C                                 |
| Controls and Dimming          |                                       |
| Dimmable                      | Yes                                   |
| Mechanical and Housing        |                                       |
| Bulb Shape                    | AR111                                 |
| Approval and Application      |                                       |
| Energy Saving Product         | Yes                                   |
| Suitable For Accent Lighting  | Yes                                   |
| Energy Consumption kWh/1000 h | - kWh                                 |
| Product Data                  |                                       |
| Order product name            | 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1 |
| Full product name             | 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1 |

LED AR111

|                               |              |
|-------------------------------|--------------|
| Order code                    | 929001244004 |
| Material Nr. (12NC)           | 929001244004 |
| Numerator - Quantity Per Pack | 1            |
| EAN/UPC - Product/Case        | 046677463786 |

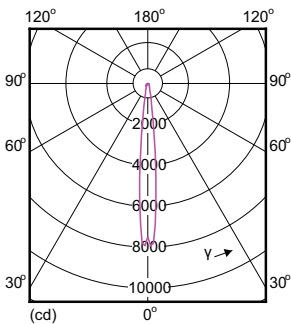
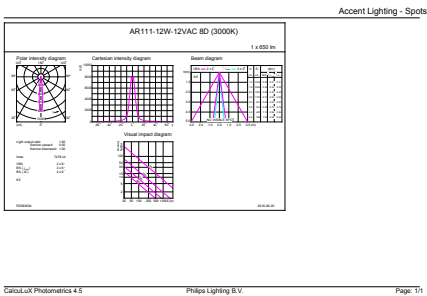
|                                 |                |
|---------------------------------|----------------|
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677463781 |

Dimensional drawing

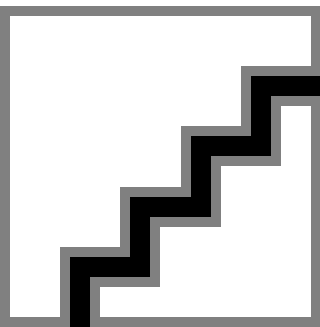


| Product                               | D      | C     |
|---------------------------------------|--------|-------|
| 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1 | 111 mm | 62 mm |

Photometric data



General uniform lighting - 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1

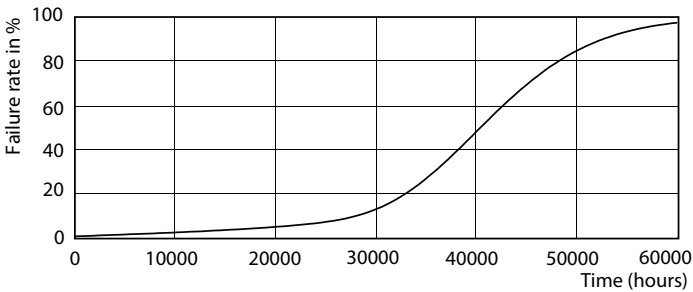


Spectral Power Distribution Colour - 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1

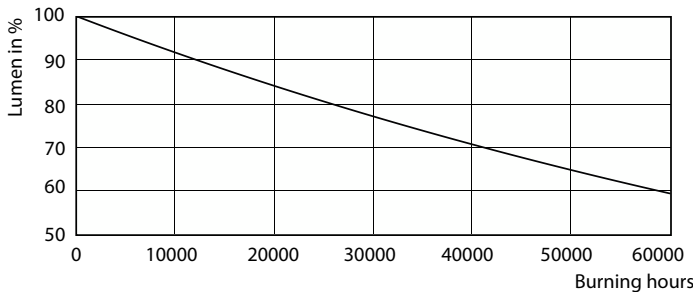
Light Distribution Diagram - 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1

LED AR111

Lifetime



Life Expectancy Diagram - 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1



Lumen Maintenance Diagram - 12AR111/LED/930/S8 DIM 12V FB 1PK 6/1

