



# LED AR111

## 16AR111/LED/927/F40/DIM/EC 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	
Lighting Technology	LED
Switching Cycle	50,000
Nominal lifetime	40,000 hour(s)
Cap-Base	G53 [G53]
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	900 lumen
Luminous Intensity (Nom)	1,400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	56.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	16 W
Lamp Current (Nom)	1,800 mA
Wattage Equivalent	75 W

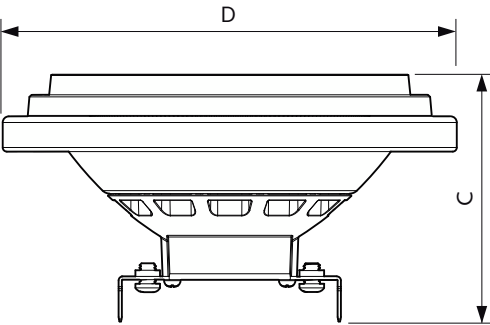
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	74 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	No
EU RoHS compliant	Yes
Product Data	
Order product name	16AR111/LED/927/F40/DIM/EC 12V 6/1FB

LED AR111

Order code	552430
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002239304

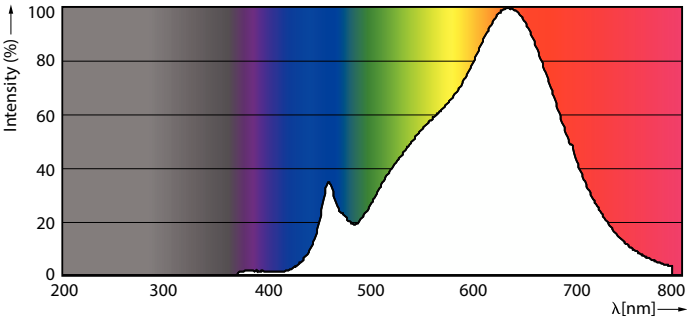
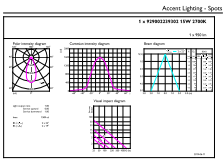
Full product name	16AR111/LED/927/F40/DIM/EC 12V 6/1FB
EAN/UPC - Case	50046677552430

Dimensional drawing



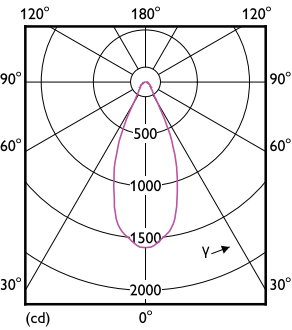
Product	D	C
16AR111/LED/927/F40/DIM/EC 12V 6/1FB	111 mm	62 mm

Photometric data



General uniform lighting - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

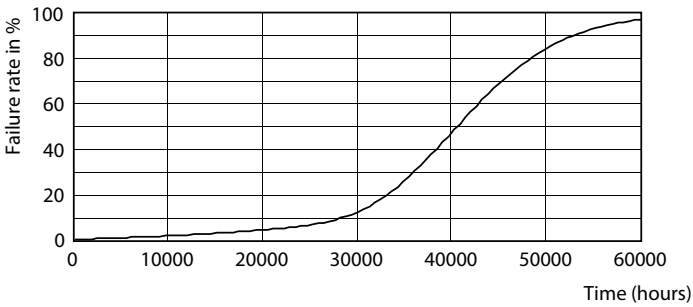
Spectral Power Distribution Colour - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB



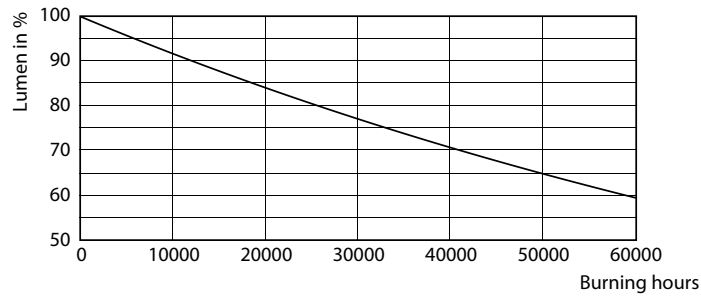
Light Distribution Diagram - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

LED AR111

Lifetime



Life Expectancy Diagram - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB



Lumen Maintenance Diagram - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

