



## **LED AR111**

### 16AR111/LED/927/F25/DIM/EC 12V FB 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)	40000 h
Switching Cycle	50000
Light technical	
Color Code	927 [ CCT of 2700K]
Beam Angle (Nom)	25 °
Initial lumen (Nom)	900 lm
Luminous Intensity (Nom)	3500 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 (Nom)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	- Hz
Power (Rated) (Nom)	16 W
Lamp Current (Nom)	1800 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s

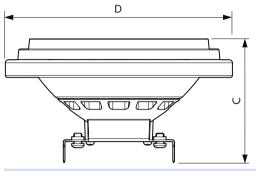
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.7		
Voltage (Nom)	ac electronic 12 V		
Temperature			
T-Case Maximum (Nom)	165.2 °F		
Controls and dimming			
Dimmable	Yes		
Mechanical and housing			
Bulb Finish	Clear		
Bulb Material	Plastic		
Bulb Shape	AR111		
Approval and application			
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	- kWh		
Energy Certifications	No		
Product data			
Order product name	16AR111/LED/927/F25/DIM/EC 12V FB 6/1		
EAN/UPC - Product	046677552411		
Order code	552414		

Datasheet, 2022, December 8 data subject to change

#### LED AR111

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002239004

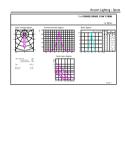
#### Dimensional drawing



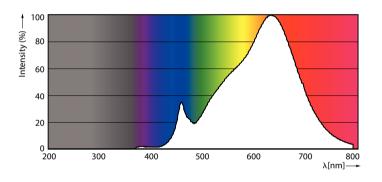
16AR111/LED/927/F25/DIM/EC 12V FB 6/1

# Product D C 16AR111/LED/927/F25/DIM/EC 12V FB 6/1 4-3/8 in 2-1/2 in

#### Photometric data



LEDspots 75W G53 AR111 927 24D



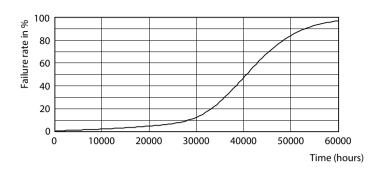
LEDspots 75W G53 AR111 927

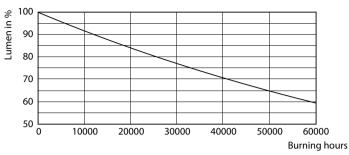
1	120°	180°	120°
90° 60°		1000	90°
30°		3000 Y	30°
	(cd)	0°	

LEDspots 75W G53 AR111 927 24D

#### **LED AR111**

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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