



# **LED AR111**

# 16AR111/LED/930/F25/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		
Base	G53 [ G53]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	40000 h	
Switching Cycle	50000	
Light technical		
Color Code	930 [ CCT of 3000K]	
Beam Angle (Nom)	25 °	
Initial lumen (Nom)	900 lm	
Luminous Intensity (Nom)	3500 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 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/930/F25/DIM/EC 12V 6/1FB	
EAN/UPC - Product	046677552428	
Order code	552422	

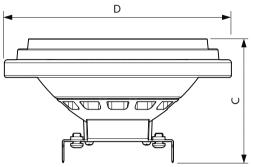
Datasheet, 2022, December 8 data subject to change

# LED AR111

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002239104

Net Weight (Piece)	0.353 lb
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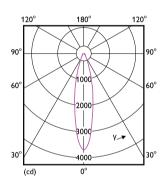
## Dimensional drawing

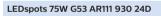


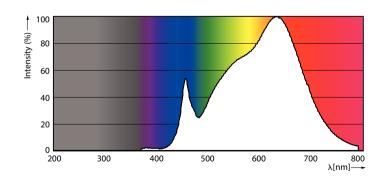
16AR111/LED/930/F25/DIM/EC 12V 6/1FB

Product	D	С
16AR111/LED/930/F25/DIM/EC 12V 6/1FB	4-3/8 in	2-1/2 in

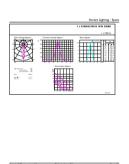
#### Photometric data







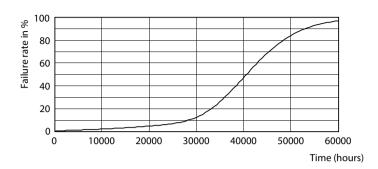
LEDspots 75W G53 AR111 930

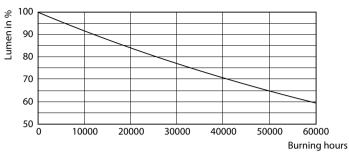


LEDspots 75W G53 AR111 930 24D

## **LED AR111**

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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