



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	
Cap-Base	G53
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	900 lm
Luminous Intensity (Nom)	1,400 cd
Luminous Efficacy (rated) (Nom)	56.00 lm/W
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
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		

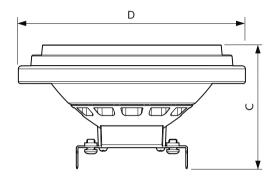
Datasheet, 2024, August 20 data subject to change

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Full product name	16AR111/LED/927/F40/DIM/EC 12V 6/1FB	
Order code	929002239304	
Material Nr. (12NC)	929002239304	
Numerator - Quantity Per Pack	1	
Net Weight (Piece)	0.160 kg	

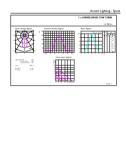
EAN/UPC - Product/Case	046677552435
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677552430

Dimensional drawing

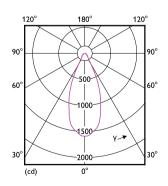


Product	D	С
16AR111/LED/927/F40/DIM/EC 12V 6/1FB	111 mm	62 mm

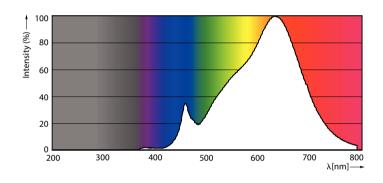
Photometric data







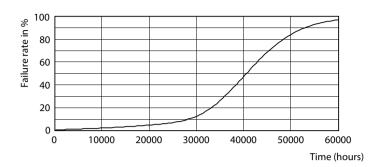
Light Distribution Diagram - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

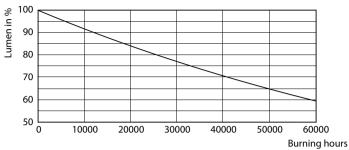


Spectral Power Distribution Colour - 16AR111/LED/927/F40/DIM/EC 12V 6/1FB

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Lifetime





Life Expectancy Diagram

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



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