



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

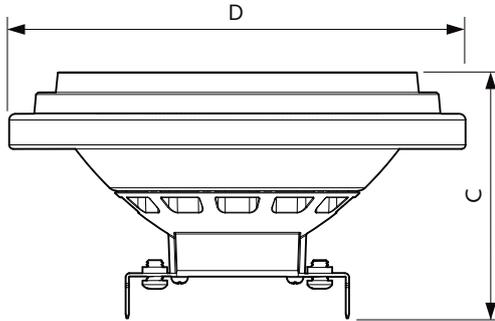
General information		Starting Time (Nom)	
Base	G53 [G53]		0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	40000 h	Power Factor (Nom)	0.7
Switching Cycle	50000	Voltage (Nom)	ac electronic 12 V
Technical Type	16-75W	Temperature	
		T-Case Maximum (Nom)	165.2 °F
Light technical		Controls and dimming	
Color Code	930 [CCT of 3000K]	Dimmable	Yes
Beam Angle (Nom)	25 °	Mechanical and housing	
Initial lumen (Nom)	900 lm	Bulb Finish	Clear
Luminous Intensity (Nom)	3500 cd	Bulb Material	Plastic
Color Designation	White (WH)	Bulb Shape	AR111
Correlated Color Temperature (Nom)	3000 K	Approval and application	
Luminous Efficacy (rated) (Nom)	56.00 lm/W	Suitable For Accent Lighting	Yes
Color Consistency	<4	Energy Consumption kWh/1000 h	- kWh
Color Rendering Index (Nom)	97	Energy Certifications	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product data	
Operating and electrical		Order product name	16AR111/LED/930/F25/DIM/EC 12V 6/1FB
Input Frequency	- Hz	EAN/UPC - Product	046677552428
Power (Rated) (Nom)	16 W		
Lamp Current (Nom)	1800 mA		
Wattage Equivalent	75 W		

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Order code	552422
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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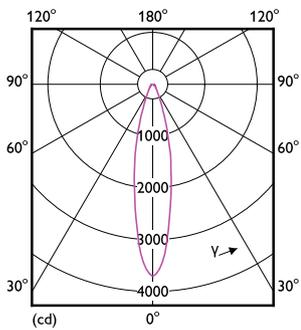
Dimensional drawing



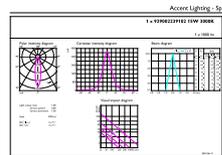
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Product	D	C
16AR111/LED/930/F25/DIM/EC 12V 6/1FB	4-3/8 in	2-1/2 in

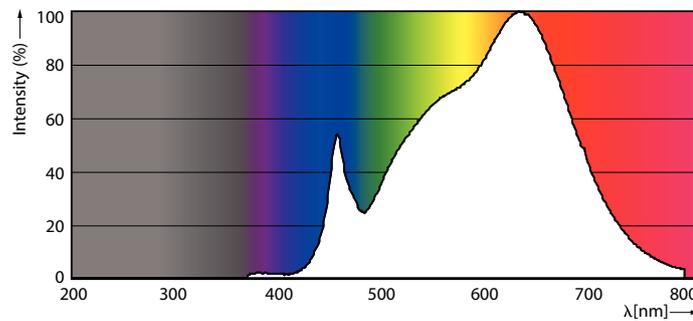
Photometric data



LEDspots 75W G53 AR111 930 24D



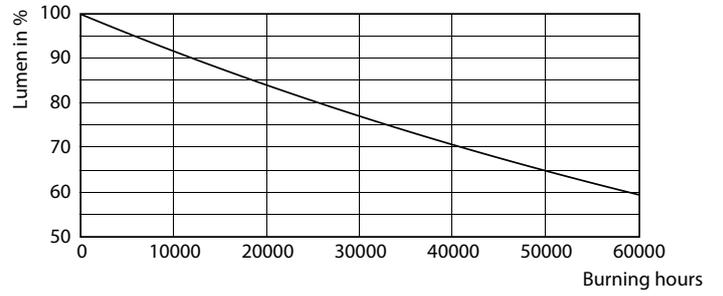
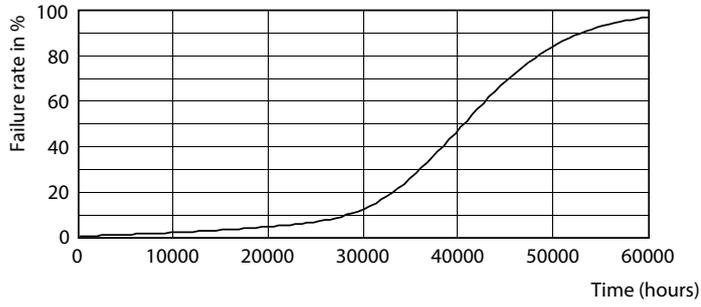
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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

