



# LED AR111

## 12AR111/LED/927/S8/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		Wattage Equivalent	
Cap-Base	G53	Wattage Equivalent	50 W
Nominal lifetime	40,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.7
EU RoHS compliant	Yes	Voltage (Nom)	ac electronic 12 V
Light Technical		Temperature	
Color Code	927 [CCT of 2700K]	T-Case Maximum (Nom)	70 °C
Beam Angle (Nom)	8 degree(s)	Controls and Dimming	
Luminous Flux	650 lm	Dimmable	Yes
Luminous Intensity (Nom)	8,000 cd	Mechanical and Housing	
Color Designation	Warm White (WW)	Bulb Finish	Clear
Correlated Color Temperature (Nom)	2700 K	Bulb Material	Plastic
Luminous Efficacy (rated) (Nom)	54.00 lm/W	Bulb Shape	AR111
Color Consistency	<4	UL Wet/ damp/ dry location	Damp location
Color rendering index (CRI)	97	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Suitable For Accent Lighting	Yes
Operating and Electrical		Energy Consumption kWh/1000 h	- kWh
Line Frequency	- Hz	Energy Certifications	No
Input Frequency	- Hz	T20 compliant	N/A
Power Consumption	12 W		
Lamp Current (Nom)	1,300 mA		

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## Application Conditions

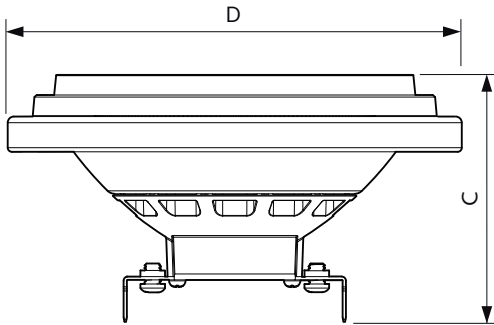
can it be used in closed luminaires	No
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## Product Data

Order product name	12AR111/LED/927/S8/DIM/EC 12V 6/1FB
Full product name	12AR111/LED/927/S8/DIM/EC 12V 6/1FB
Order code	929002238404

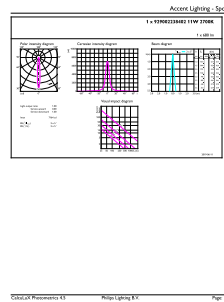
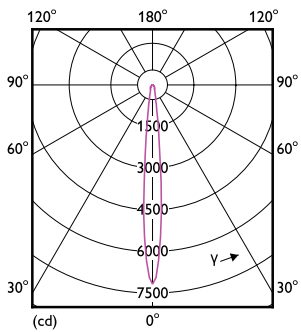
Material Nr. (12NC)	929002238404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677552442
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677552447

## Dimensional drawing



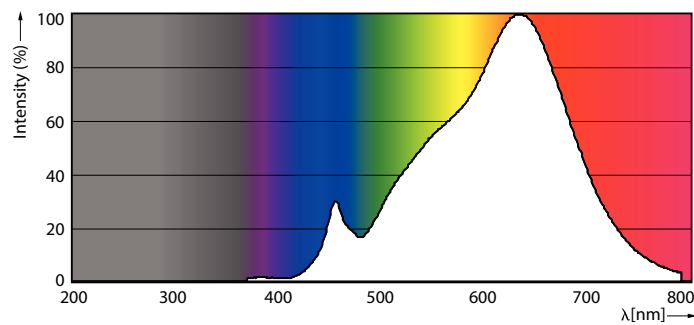
Product	D	C
12AR111/LED/927/S8/DIM/EC 12V 6/1FB	111 mm	62 mm

## Photometric data



Light Distribution Diagram - 12AR111/LED/927/S8/DIM/EC 12V 6/1FB

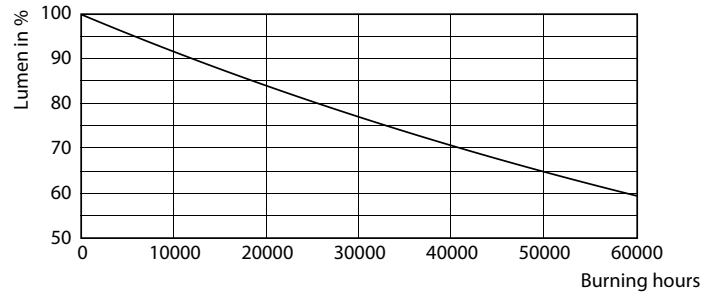
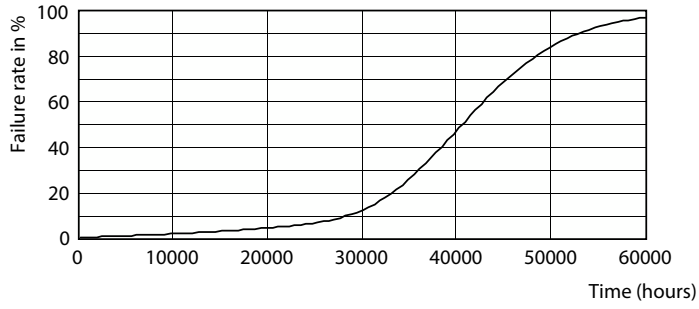
General uniform lighting - 12AR111/LED/927/S8/DIM/EC 12V 6/1FB



Spectral Power Distribution Colour - 12AR111/LED/927/S8/DIM/EC 12V 6/1FB

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## Lifetime



Life Expectancy Diagram - 12AR111/LED/927/S8/DIM/EC 12V 6/1FB

Lumen Maintenance Diagram - 12AR111/LED/927/S8/DIM/EC 12V 6/1FB

