



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 11-50W 927 AR111 8D

With its new perfect-fit design, the Master LEDspot LV AR111 now works with most of G53 luminaires as a true retrofit solution. The lamp creates a brilliant visual effect for retail and hospitality applications such as shops, showrooms and galleries. The high quality light brings out the true colors in merchandise and emphasizes its beauty. It also lasts long, with a strong lumen and color maintenance. The beautifully designed lamp offers a well-defined beam with a multitude of beam angles to suit various applications. Not only does it employ the Philips patented solution to ensure it is compatible with a broad selection of standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen AR111 spots of 50W, 75W or 100W.

### Product data

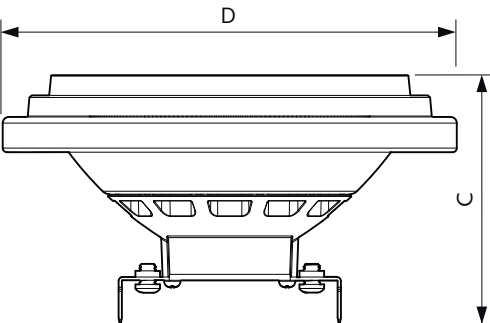
General Information		Color Consistency	
Cap-Base	G53 [G53]	Color rendering index (CRI)	<3
Nominal lifetime	40,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	90
Switching Cycle	50,000		70 %
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	- Hz
		Input Frequency	- Hz
		Power Consumption	11 W
		Lamp Current (Nom)	1,300 mA
		Wattage Equivalent	50 W
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.7
		Voltage (Nom)	12 V
Light Technical			
Color Code	927		
Beam Angle (Nom)	8 degree(s)		
Luminous Flux	600 lm		
Luminous Intensity (Nom)	7,800 cd		
Color Designation	Warm White (WW)		
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	54.55 lm/W		

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Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	13 kWh

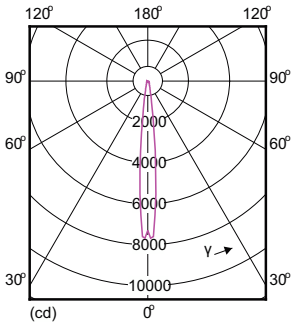
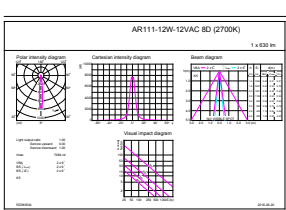
Product Data	
Order product name	MAS LEDspotLV D 11-50W 927 AR111 8D
Full product name	MAS LEDspotLV D 11-50W 927 AR111 8D
Full product code	871869670725800
Order code	929001243908
Material Nr. (12NC)	929001243908
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696707258
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696707265

## Dimensional drawing



Product	D	C
MAS LEDspotLV D 11-50W 927 AR111 8D	111 mm	62 mm

## Photometric data



General uniform lighting - MAS LEDspotLV D 11-50W 927 AR111 8D

Light Distribution Diagram - MAS LEDspotLV D 11-50W 927 AR111 8D

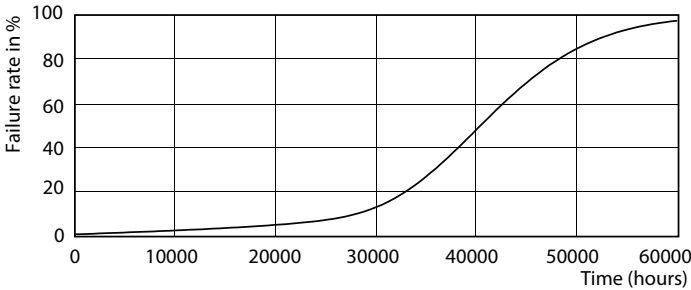
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Photometric data

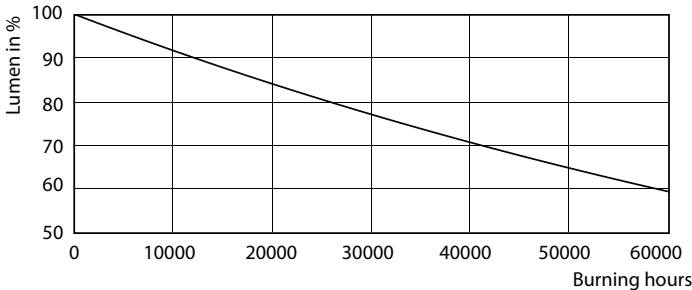


Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 927 AR111 8D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 927 AR111 8D



Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 927 AR111 8D

