



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 11-50W 930 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

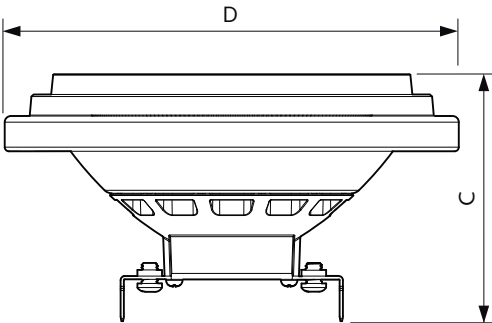
General Information		Color Consistency	
Cap-Base	G53 [G53]	Color rendering index (CRI)	<3
Nominal lifetime	40,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	90
Switching Cycle	50,000	Luminous Flux in 90° Cone (Rated)	70 %
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	930 [CCT of 3000K]	Line Frequency	- Hz
Beam Angle (Nom)	8 degree(s)	Input Frequency	- Hz
Luminous Flux	580 lm	Power Consumption	11 W
Luminous Intensity (Nom)	8,000 cd	Lamp Current (Nom)	1,300 mA
Color Designation	White (WH)	Wattage Equivalent	50 W
Correlated Color Temperature (Nom)	3000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	52.73 lm/W	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V
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

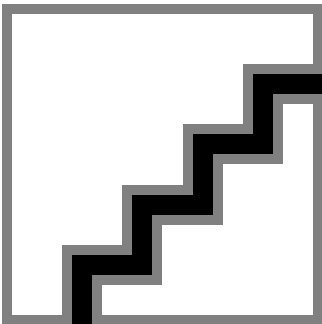
EyeComfort	Yes
Product Data	
Order product name	MAS LEDspotLV D 11-50W 930 AR111 8D
Full product name	MAS LEDspotLV D 11-50W 930 AR111 8D
Full product code	871869657835300
Order code	929001244002
Material Nr. (12NC)	929001244002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578353
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696578360

Dimensional drawing

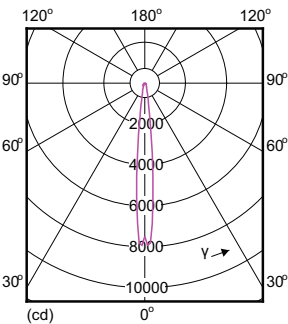


Product	D	C
MAS LEDspotLV D 11-50W 930 AR111 8D	111 mm	62 mm

Photometric data



General uniform lighting - MAS LEDspotLV D 11-50W 930 AR111 8D



Light Distribution Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

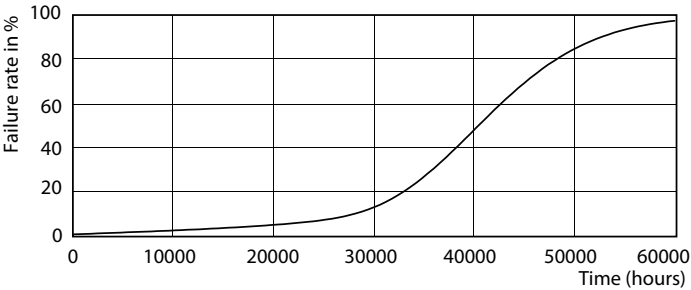
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## Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 930 AR111 8D

## Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

