

MASTER LEDspot LV AR111

MAS LEDspotLV D 11-50W 930 AR111 24D

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	
Cap-Base	G53 [G53]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	640 lm
Luminous Intensity (Nom)	3,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	58.18 lm/W

Color rendering index (CRI) 90 LLMF At End Of Nominal Lifetime (Nom) 70 % Luminous Flux in 90° Cone (Rated) 580 lm Operating and Electrical Line Frequency - Hz Input Frequency - Hz	Color Consistency	<6
Luminous Flux in 90° Cone (Rated) 580 lm Operating and Electrical Line Frequency - Hz	Color rendering index (CRI)	90
Operating and Electrical Line Frequency - Hz	LLMF At End Of Nominal Lifetime (Nom)	70 %
Line Frequency - Hz	Luminous Flux in 90° Cone (Rated)	580 lm
Line Frequency - Hz		
	Operating and Electrical	
Input Frequency - Hz	Line Frequency	- Hz
	Input Frequency	- Hz
Power Consumption 11 W	Power Consumption	11 W
Lamp Current (Nom) 1,300 mA	Lamp Current (Nom)	1,300 mA
Wattage Equivalent 50 W	Wattage Equivalent	50 W
Starting Time (Nom) 0.5 s	Starting Time (Nom)	0.5 s
Warm-up time to 60% light instant full light s	Warm-up time to 60% light	instant full light s
Power Factor (Fraction) 0.7	Power Factor (Fraction)	0.7

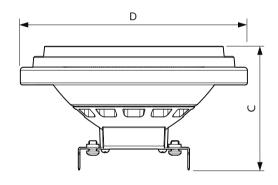
Datasheet, 2023, December 8 data subject to change

MASTER LEDspot LV AR111

Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	70 ℃
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

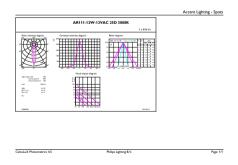
Product Data		
Order product name	MAS LEDspotLV D 11-50W 930 AR111 24D	
Full product name	MAS LEDspotLV D 11-50W 930 AR111 24D	
Full product code	871869651510500	
Order code	929001169908	
Material Nr. (12NC)	929001169908	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696515105	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8718696515112	

Dimensional drawing

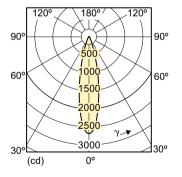


Product	D	С
MAS LEDspotLV D 11-50W 930 AR111 24D	111 mm	62 mm

Photometric data



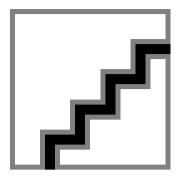




Light Distribution Diagram - MAS LEDspotLV D 11-50W 930 AR111 24D

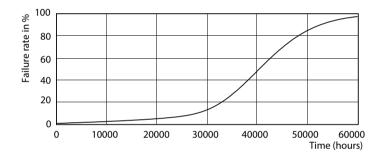
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Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 930 AR111 24D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 930 AR111 24D

Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 930 AR111 24D



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