



MASTER LEDspot LV AR111

MAS LEDspotLV D 15-75W 927 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	927
Beam Angle (Nom)	24 degree(s)
Luminous Flux	830 lm
Luminous Intensity (Nom)	3,900 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	55.33 lm/W

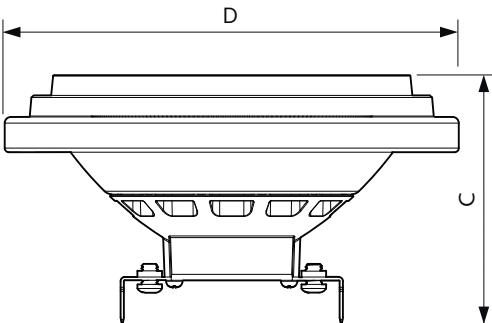
Color Consistency	<3
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	15 W
Lamp Current (Nom)	1,800 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V

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Temperature	
T-Case Maximum (Nom)	74 °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	17 kWh

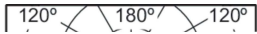
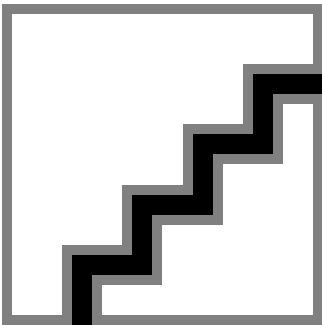
Product Data	
Order product name	MAS LEDspotLV D 15-75W 927 AR111 24D
Full product name	MAS LEDspotLV D 15-75W 927 AR111 24D
Full product code	871869671674800
Order code	929001170268
Material Nr. (12NC)	929001170268
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696716748
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696716755

Dimensional drawing



Product	D	C
MAS LEDspotLV D 15-75W 927 AR111 24D	111 mm	62 mm

Photometric data



Accent Lighting Spots - MAS LEDspotLV D 15-75W 927 AR111 24D

Light Distribution Diagram - MAS LEDspotLV D 15-75W 927 AR111 24D

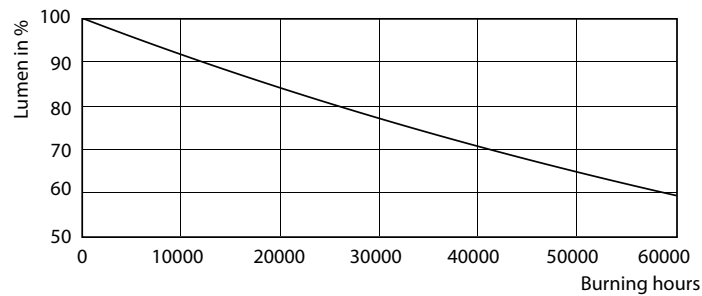
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Photometric data



Spectral Power Distribution Colour - MAS LEDspotLV D 15-75W 927 AR111 24D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 15-75W 927 AR111 24D

Lumen Maintenance Diagram - MAS LEDspotLV D 15-75W 927 AR111 24D

