



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 20-100W 840 AR111 12D

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	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	12 degree(s)
Luminous Flux	1,400 lm
Luminous Intensity (Nom)	11,000 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	70 lm/W

Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	20 W
Lamp Current (Nom)	2,400 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V

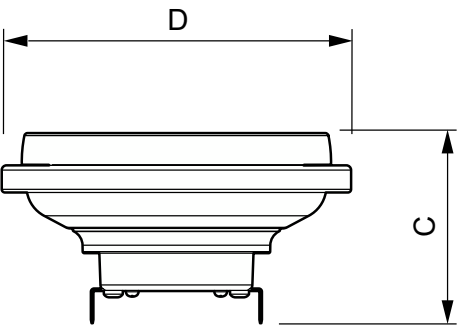
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Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh

Product Data	
Order product name	MAS LEDspotLV D 20-100W 840 AR111 12D
Full product name	MAS LEDspotLV D 20-100W 840 AR111 12D
Full product code	871869651526600
Order code	929001170708
Material Nr. (12NC)	929001170708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696515266
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696515273

## Dimensional drawing

Product	D	C
MAS LEDspotLV D 20-100W 840 AR111 12D	111 mm	62.3 mm



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Photometric data

Light Distribution Diagram - MAS LEDspotLV D 20-100W 840 AR111 12D

Spectral Power Distribution Colour - MAS LEDspotLV D 20-100W 840 AR111 12D

