



# MASTER LEDspot LV AR111

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

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV AR111 is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums. The robustly designed MASTER LEDspot LV AR111 offers various beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. MASTER LEDspot LV AR111 delivers huge energy savings and minimizes maintenance cost without any reduction in brightness.

### Product data

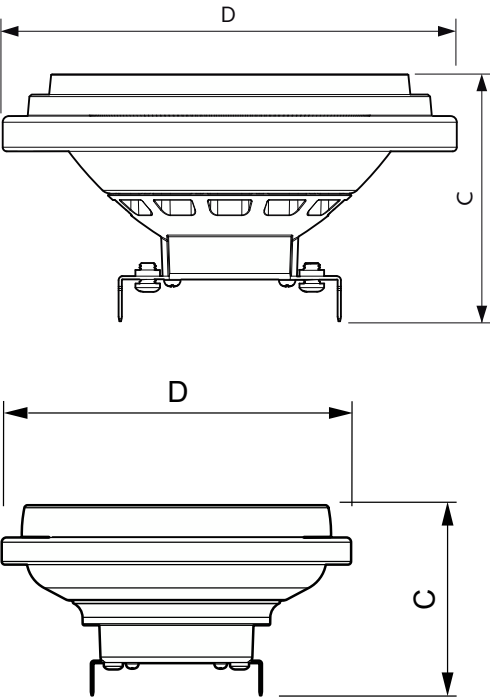
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G53 [G53]	Color Consistency	<6
Nominal lifetime	25,000 hour(s)	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	- Hz
Light Technical		Input Frequency	- Hz
Color Code	840 [CCT of 4000K]	Power Consumption	20 W
Beam Angle (Nom)	12 degree(s)	Lamp Current (Nom)	2,400 mA
Luminous Flux	1,400 lm	Wattage Equivalent	100 W
Luminous Intensity (Nom)	11,000 cd	Starting Time (Nom)	0.5 s
Color Designation	Cool White (CW)	Warm-up time to 60% light	instant full light s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	80 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	AR111
<b>Approval and Application</b>	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh

<b>Product Data</b>	
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	51526600
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

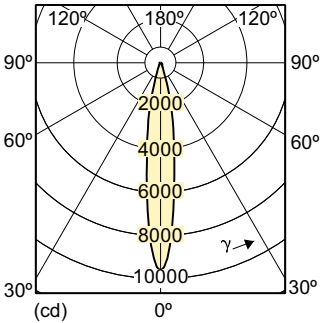


Product	D	C
MAS LEDspotLV D 20-100W 840 AR111 12D	111 mm	62.3 mm

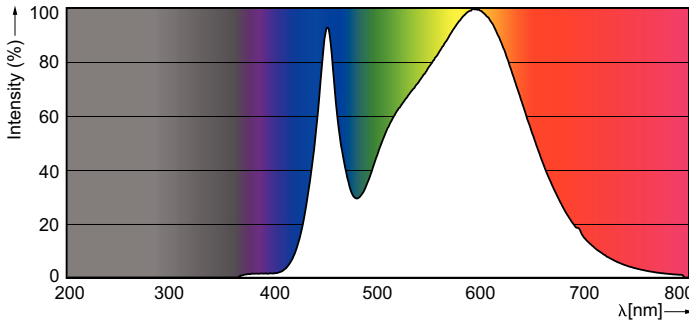
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## Photometric data



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



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

