



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 20-100W 830 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		Correlated Color Temperature (Nom)	
Cap-Base	G53 [ G53]		3000 K
Nominal Lifetime (Nom)	25000 h	Luminous Efficacy (rated) (Nom)	67.50 lm/W
Switching Cycle	50000X	Color Consistency	<6
Technical Type	20-100W	Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	830 [ CCT of 3000K]	Power (Nom)	20 W
Beam Angle (Nom)	12 °	Lamp Current (Nom)	2400 mA
Light Distribution	Narrow beam 12°	Wattage Equivalent	100 W
Luminous Flux (Nom)	1350 lm	Starting Time (Nom)	0.5 s
Luminous Flux (Rated) (Nom)	1350 lm	Warm Up Time to 60% Light (Nom)	instant full light
Luminous Intensity (Nom)	10000 cd	Power Factor (Nom)	0.7
Color Designation	White (WH)	Voltage (Nom)	12 V
Rated Beam Angle	12 °		

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## Temperature

T-Case Maximum (Nom)	80 °C
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## Controls and Dimming

Dimmable	Yes
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## Approval and Application

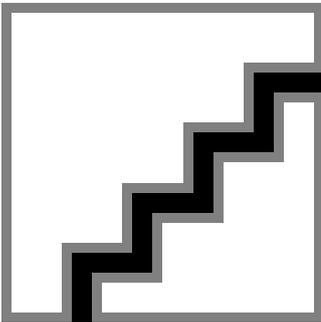
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh

## Product Data

Full product code	871869651524200
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Order product name	MAS LEDspotLV D 20-100W 830 AR111 12D
EAN/UPC - Product	8718696515242
Order code	929001170608
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001170608
Net Weight (Piece)	0.360 kg

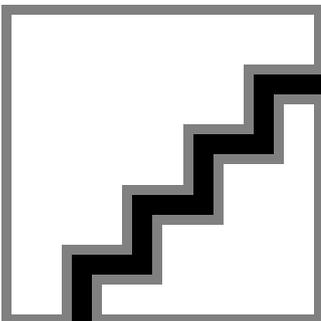
## Dimensional drawing



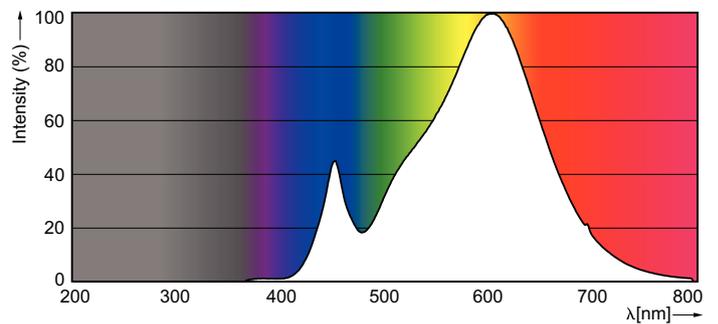
LED D 20-100W 830 AR111 12D

Product	D	C
MAS LEDspotLV D 20-100W 830 AR111 12D	111 mm	62.3 mm

## Photometric data



SDLD\_LEDspotL\_0143-Light distribution diagram



SDPO\_LEDspotL\_0023-Spectral Power distribution

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