



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.

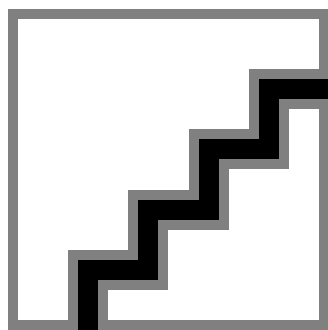
Product data

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

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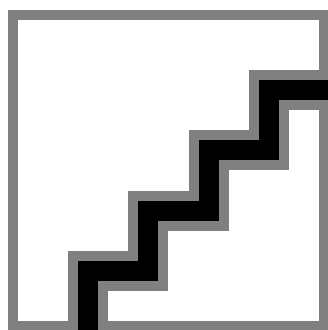
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh
Product Data	
Full product code	871869651524200

Dimensional drawing



LED D 20-100W 830 AR111 12D

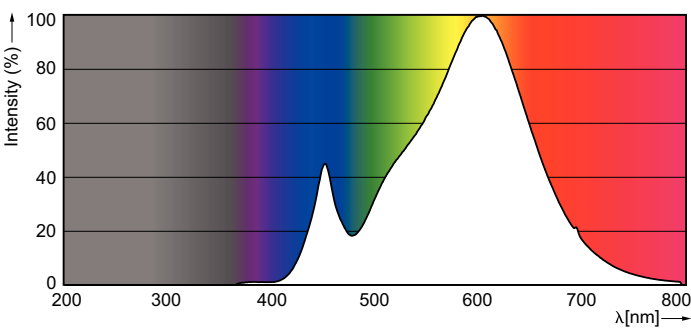
Photometric data



SDLD_LEDspotL_0143-Light distribution diagram

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

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



SDPO_LEDspotL_0023-Spectral Power distribution

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