



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 20-100W 830 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 (Nom)	25000 h
Switching Cycle	50000X
Technical Type	20-100W
Light Technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	25 °
Light Distribution	Medium beam 25°
Luminous Flux (Nom)	1280 lm
Luminous Flux (Rated) (Nom)	1280 lm
Luminous Intensity (Nom)	5800 cd
Color Designation	White (WH)
Rated Beam Angle	25 °

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	64 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Power (Nom)	20 W
Lamp Current (Nom)	2400 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

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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

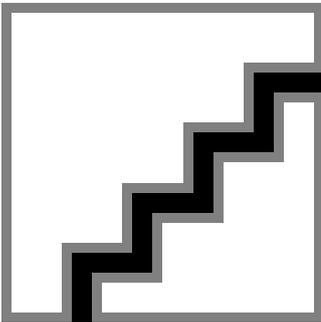
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh

## Product Data

Full product code	871869651737600
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Order product name	MAS LEDspotLV D 20-100W 830 AR111 24D
EAN/UPC - Product	8718696517376
Order code	929001170908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001170908
Net Weight (Piece)	0.360 kg

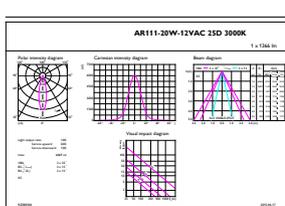
## Dimensional drawing



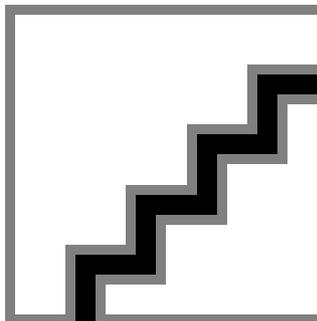
MAS LEDspot LV D 20-100W 830 AR111 24D

Product	D	C
MAS LEDspotLV D 20-100W 830 AR111 24D	111 mm	62 mm

## Photometric data



CelaLux Photometrics 4.5 Philips Lighting B.V. Page 1/7

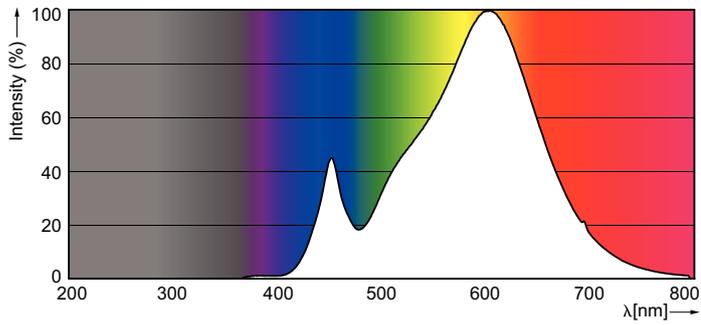


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LEDspot, LEDspotLV 20-100W AR111 830 24D

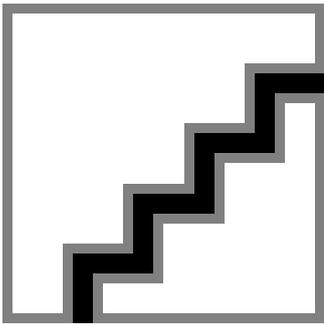
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## Photometric data

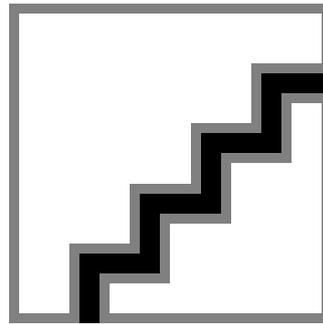


SDPO\_LEDspotL\_0023-Spectral Power distribution

## Lifetime



MASTER LEDspotLV AR111 100W G53 40D



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