



# MASTER LEDspot LV AR111

MAS LEDspotLV D 20-100W 827 AR111 24D

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

Cap-Base	G53 [ G53]
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	20-100W

Colour Rendering Index horiz (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	1180 lm

### • Light Technical

Colour Code	827 [ CCT of 2700K]
Beam Angle (Nom)	24 °
Light Distribution	24D [ Medium beam]
Luminous Flux (Nom)	1300 lm
Luminous Flux (Rated) (Nom)	1300 lm
Luminous Intensity (Nom)	5800 cd
Colour Designation	Warm White (WW)
Rated Beam Angle	24 °
Colour Temperature, horizontal (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	65.00 lm/W
Color Consistency	6 steps

### • Operating and Electrical

Power (Rated) (Nom)	20 W
Lamp Current (Nom)	2400 mA
Wattage Equivalent	100 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

### • Temperature

T-Case Maximum (Nom)	80 °C
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**PHILIPS**

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## • Controls and Dimming

Dimmable Yes

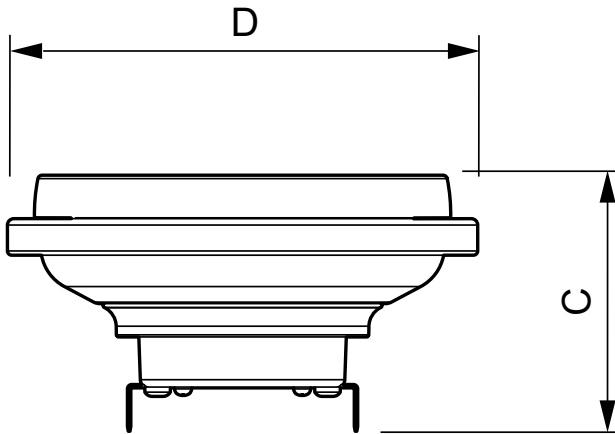
## • Approval and Application

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

## • Product Data

Full product code 871869651504400  
Order product name MAS LEDspot.LV D 20-100W 827 AR111 24D  
EAN/UPC - Product 8718696515044  
Order code 51504400  
Numerator - 1  
Quantity Per Pack 6  
Numerator - Packs per outer box 6  
Material Nr. (12NC) 929001170802  
Net Weight (Piece) 0.360 kg

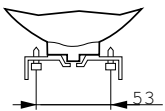
## Dimensional drawing



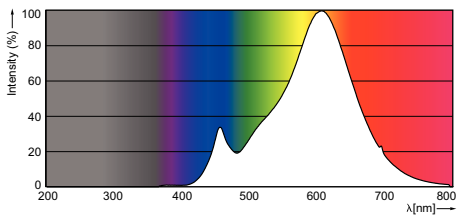
LEDspotLV GX53 AR111

## LED D 20-100W 827 AR111 24D

Product	D	C
MAS LEDspotLV D 20-100W 827 AR111 24D	111 mm	62,27 mm



## Photometric data





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data subject to change