



# 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.

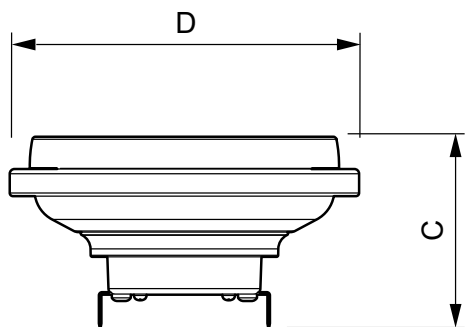
### Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G53 [ G53]	Color Consistency	<3
EU RoHS compliant	Yes	Colour Rendering Index horiz (Nom)	80
Nominal Lifetime (Nom)	25000 h	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50000X	Luminous Flux in 90° Cone (Rated)	1180 lm
Technical Type	20-100W	Operating and Electrical	
Light Technical		Input Frequency	- Hz
Colour Code	827 [ CCT of 2700K]	Power (Rated) (Nom)	20 W
Beam Angle (Nom)	24 °	Lamp Current (Nom)	2400 mA
Luminous Flux (Nom)	1180 lm	Wattage Equivalent	100 W
Luminous Intensity (Nom)	5800 cd	Starting Time (Nom)	0.5 s
Colour Designation	Warm White (WW)	Warm Up Time to 60% Light (Nom)	0.5 s
Colour Temperature, horizontal (Nom)	2700 K	Power Factor (Nom)	0.7

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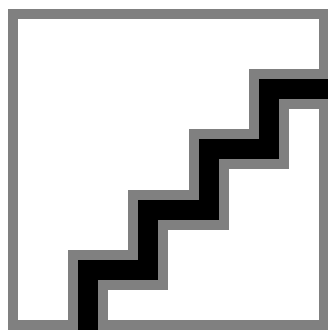
Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	80 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Approval and Application</b>	
Energy Efficiency Label	A
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	22 kWh

## Dimensional drawing



LED D 20-100W 827 AR111 24D

## Photometric data



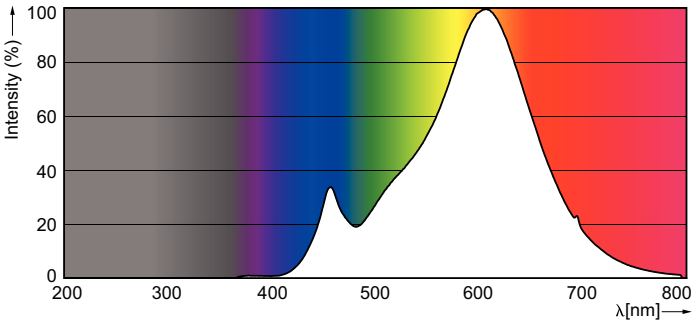
MASTER LEDspot LV AR111 100W G53 827 24D

<b>Product Data</b>	
Full product code	871869651504400
Order product name	MAS LEDspotLV D 20-100W 827 AR111 24D
EAN/UPC - Product	8718696515044
Order code	51504400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001170802
Net Weight (Piece)	0.160 kg

<b>Product</b>
MAS LEDspotLV D 20-100W 827 AR111 24D

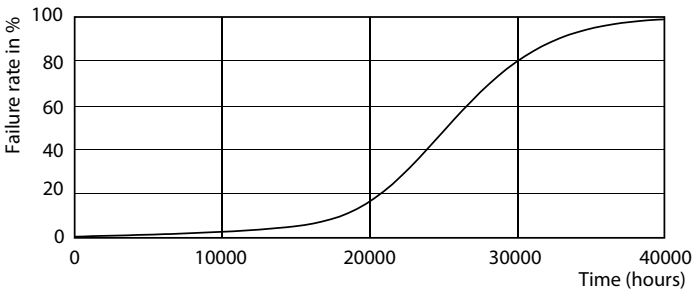
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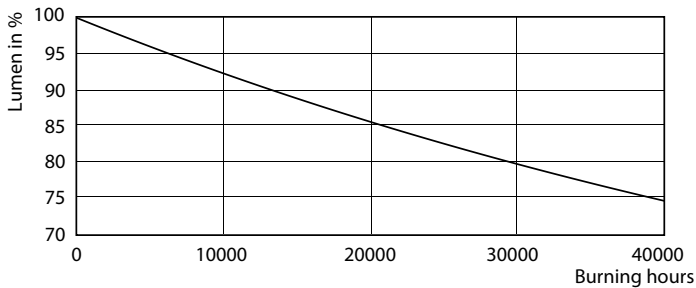


SDPO\_LEDspotL\_0022-Spectral Power distribution

Lifetime



MASTER LEDspotLV AR111 100W G53 40D



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