

MASTER LEDspot LV AR111

MAS LEDspotLV D 20-100W 827 AR111 40D

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	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	1,300 lm
Luminous Intensity (Nom)	2,300 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	65 lm/W
Color Consistency	<3
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	20 W
Lamp Current (Nom)	2,400 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7

MASTER LEDspot LV AR111

Voltage (Nom)	12 V

Temperature	
T-Case Maximum (Nom)	80 °C

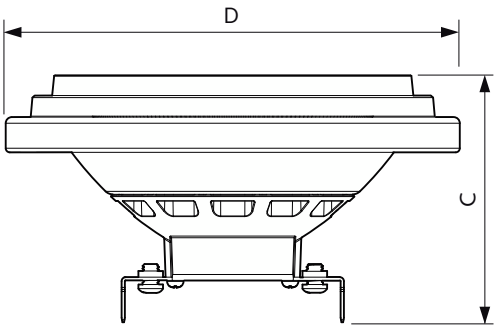
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	AR111

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

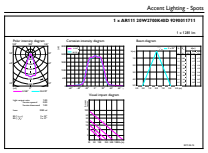
Product Data	
Order product name	MAS LEDspotLV D 20-100W 827 AR111 40D
Full product name	MAS LEDspotLV D 20-100W 827 AR111 40D
Full product code	871869671087600
Order code	929001171108
Material Nr. (12NC)	929001171108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696710876
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696710883

Dimensional drawing

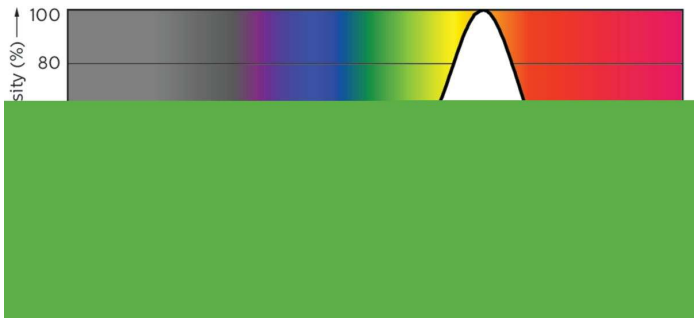


Product	D	C
MAS LEDspotLV D 20-100W 827 AR111 40D	111 mm	62 mm

Photometric data



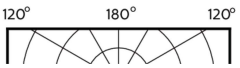
Accent Lighting Spots - MAS LEDspotLV D 20-100W 827 AR111 40D



Spectral Power Distribution Colour - MAS LEDspotLV D 20-100W 827 AR111 40D

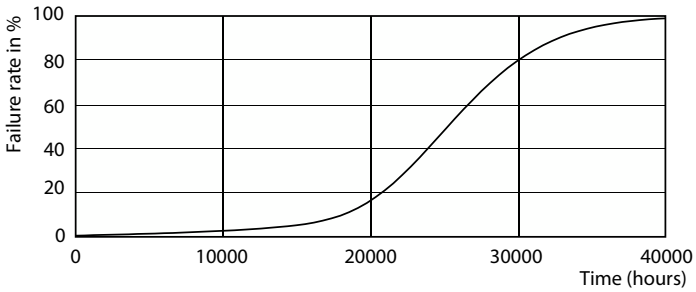
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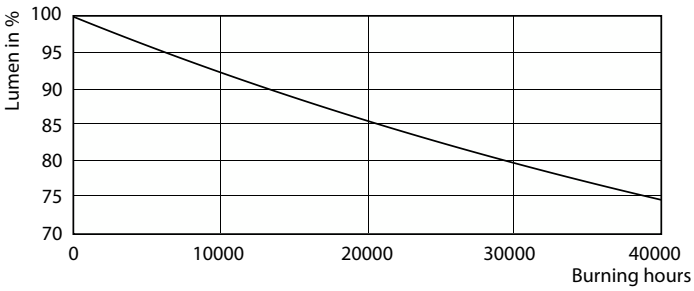


Light Distribution Diagram - MAS LEDspotLV D 20-100W 827 AR111 40D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 20-100W 827 AR111 40D



Lumen Maintenance Diagram - MAS LEDspotLV D 20-100W 827 AR111 40D

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