



# MASTER LEDspot LV AR111

## MAS LEDspotLV D 11-50W 927 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 minimises maintenance cost without any reduction in brightness.

### Product data

General Information	
Cap base	G53 [G53]
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	927
Beam angle (nom.)	24 degree(s)
Luminous Flux	560 lm
Luminous intensity (nom.)	2,900 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K

Luminous efficacy (rated) (nom.)	50.91 lm/W
Colour consistency	<3
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	560 lm

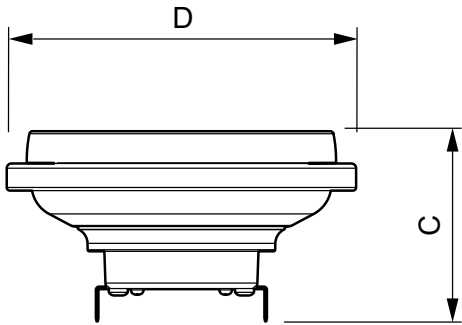
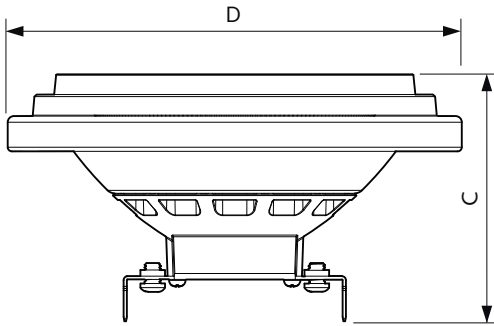
Operating and Electrical	
Line Frequency	- Hz
Input frequency	- Hz
Power Consumption	11 W
Lamp current (nom.)	1,300 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.7
Voltage (nom.)	12 V
<b>Temperature</b>	
T-Case maximum (nom.)	70 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb shape	AR111
<b>Approval and Application</b>	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	13 kWh

EyeComfort	Yes
<b>Product Data</b>	
Order product name	MAS LEDspotLV D 11-50W 927 AR111 24D
Full product name	MAS LEDspotLV D 11-50W 927 AR111 24D
Full EOC	871869651488700
Order code	51488700
Material no. (12 NC)	929001169802
Local order code	MLED11AR112724N
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696514887
Numerator – packs per outer box	6
EAN/UPC - Case	8718696514894

## Dimensional drawing

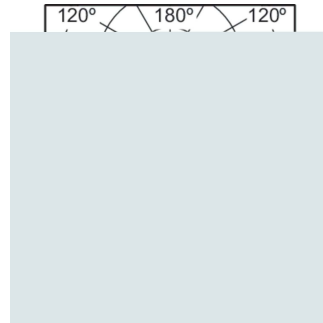
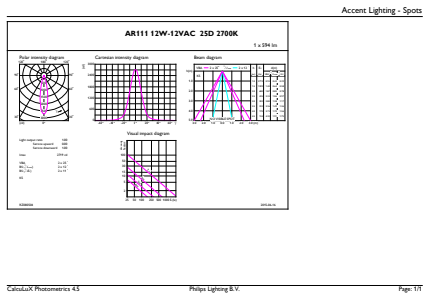


Product	D	C
MAS LEDspotLV D 11-50W 927 AR111 24D	111 mm	62 mm

Product
MAS LEDspotLV D 11-50W 927 AR111 24D

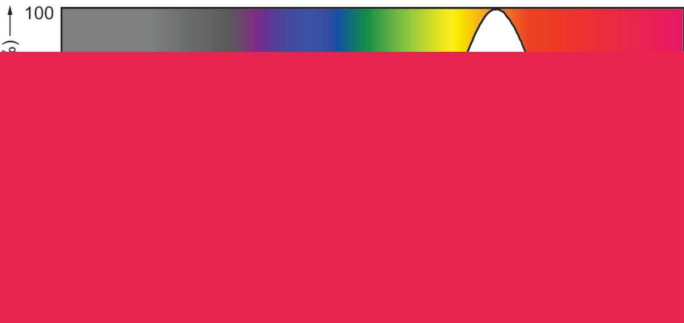
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## Photometric data



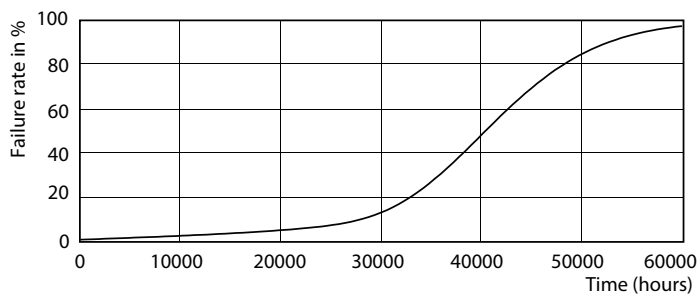
Accent Lighting Spots - MAS LEDspotLV D 11-50W 927 AR111 24D

Light Distribution Diagram - MAS LEDspotLV D 11-50W 927 AR111 24D

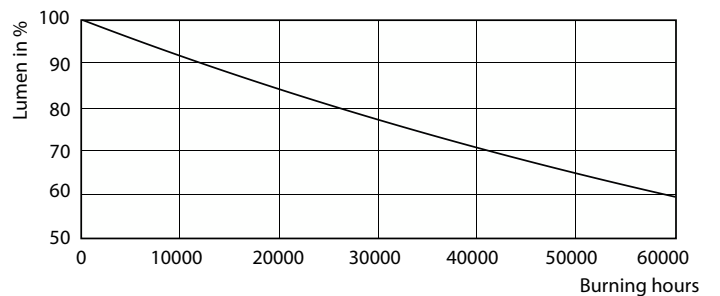


Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 927 AR111 24D

## Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 927 AR111 24D



Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 927 AR111 24D

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