

MASTER LEDspot LV AR111

MAS LEDspotLV D 11-50W 930 AR111 8D

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

Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	8 degree(s)
Luminous Flux	580 lm
Luminous Intensity (Nom)	8,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	52.73 lm/W
Color Consistency	<3
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	580 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

Temperature

T-Case Maximum (Nom)	70 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	AR111

Approval and Application

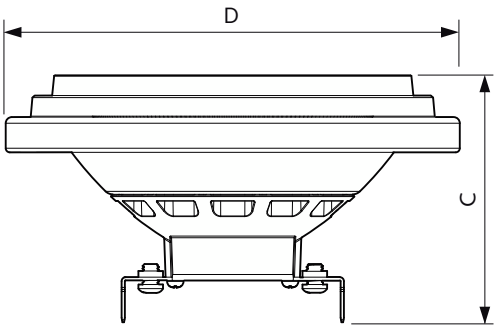
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	13 kWh

EyeComfort	Yes

Product Data

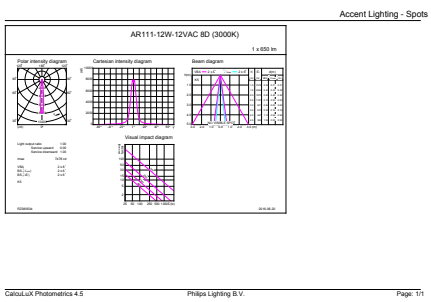
Order product name	MAS LEDspotLV D 11-50W 930 AR111 8D
Full product name	MAS LEDspotLV D 11-50W 930 AR111 8D
Full product code	871869657835300
Order code	929001244002
Material Nr. (12NC)	929001244002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696578353
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696578360

Dimensional drawing

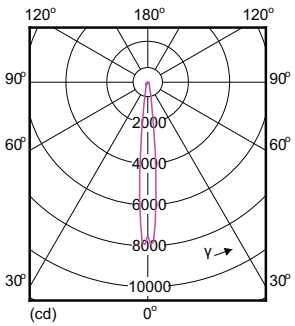


Product	D	C
MAS LEDspotLV D 11-50W 930 AR111 8D	111 mm	62 mm

Photometric data



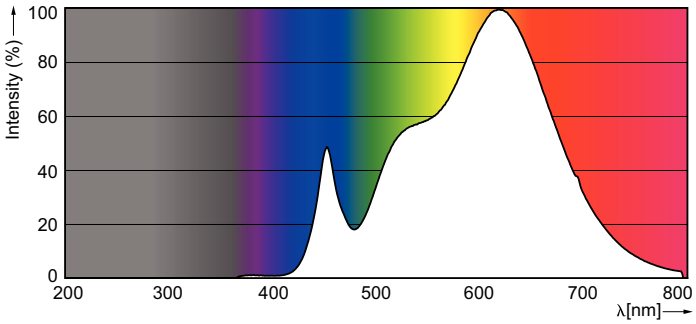
General uniform lighting - MAS LEDspotLV D 11-50W 930 AR111 8D



Light Distribution Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

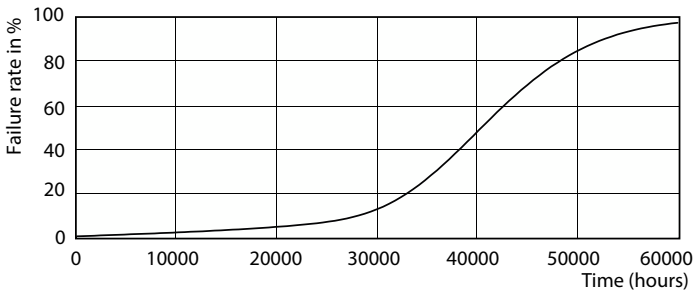
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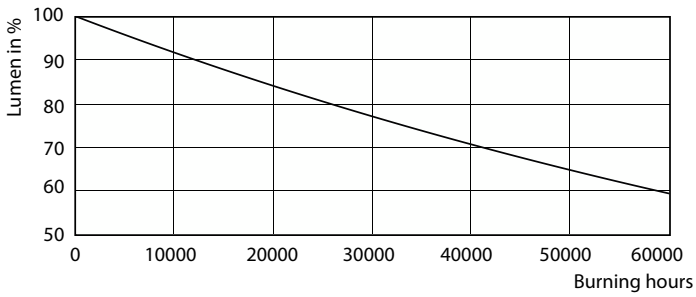


Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 930 AR111 8D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D



Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 930 AR111 8D

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