MASTER LEDspot LV AR111

MAS LEDspotLV D 11-50W 930 AR111 40D

With its new perfect-fit design, the Master LEDspot LV AR111 now works with most of G53 luminaires as a true retrofit solution. The lamp creates a brilliant visual effect for retail and hospitality applications such as shops, showrooms and galleries. The high quality light brings out the true colors in merchandise and emphasizes its beauty. It also lasts long, with a strong lumen and color maintenance. The beautifully designed lamp offers a well-defined beam with a multitude of beam angles to suit various applications. Not only does it employ the Philips patented solution to ensure it is compatible with a broad selection of standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen AR111 spots of 50W, 75W or 100W.

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)	40 degree(s)
Luminous Flux	570 lm
Luminous Intensity (Nom)	1,150 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	51.82 lm/W

Color Consistency	<3
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	570 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
Power Factor (Fraction)	0.7

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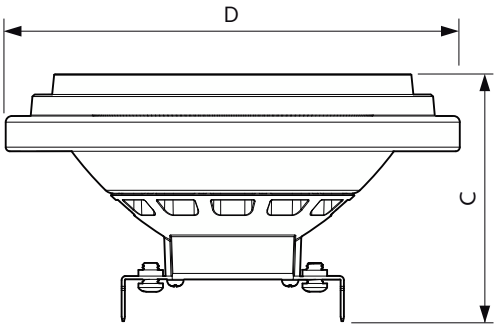
Voltage (Nom)	12 V

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

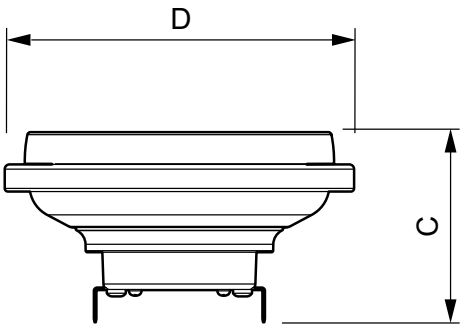
EyeComfort	Yes

Product Data	
Order product name	MAS LEDspotLV D 11-50W 930 AR111 40D
Full product name	MAS LEDspotLV D 11-50W 930 AR111 40D
Full product code	871869651494800
Order code	929001170102
Material Nr. (12NC)	929001170102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696514948
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696514955

Dimensional drawing



Product	D	C
MAS LEDspotLV D 11-50W 930 AR111 40D	111 mm	62 mm



Product
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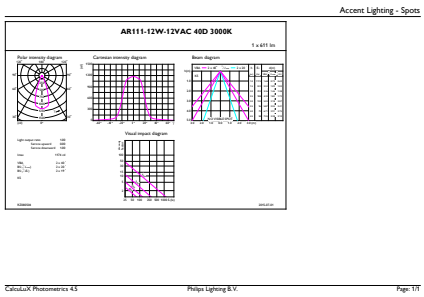
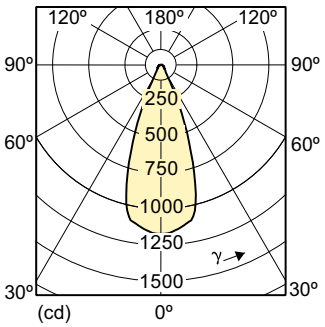
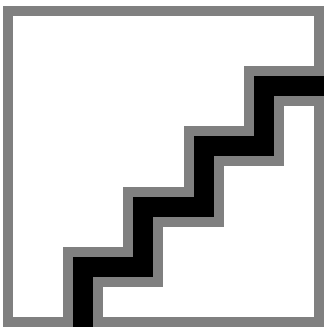
Photometric data



Accent Lighting Spots - MAS LEDspotLV D 11-50W 930 AR111 40D

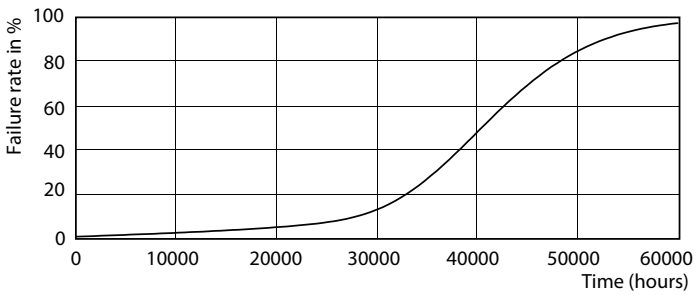


Light Distribution Diagram - MAS LEDspotLV D 11-50W 930 AR111 40D

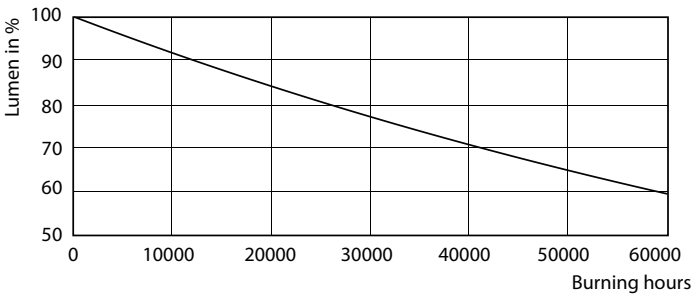


Spectral Power Distribution Colour - MAS LEDspotLV D 11-50W 930 AR111 40D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 11-50W 930 AR111 40D



Lumen Maintenance Diagram - MAS LEDspotLV D 11-50W 930 AR111 40D

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