



MASTER LEDspot LV AR111

MAS LED ExpertColor 11-50W 930 AR111 24D

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

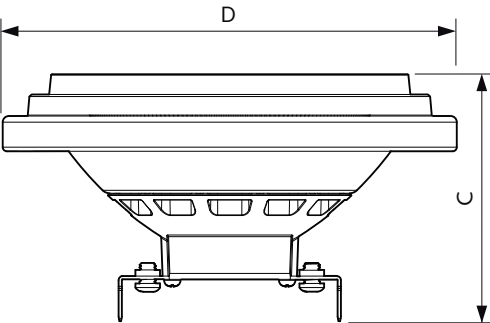
General Information		Color rendering index (CRI)	
Cap-Base	G53 [G53]		97
Nominal lifetime	40,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Luminous Flux in 90° Cone (Rated)	620 lm
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	- Hz
Light Technical		Input Frequency	- Hz
Color Code	930 [CCT of 3000K]	Power Consumption	11 W
Beam Angle (Nom)	24 degree(s)	Lamp Current (Nom)	1,300 mA
Luminous Flux	620 lm	Wattage Equivalent	50 W
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	56.00 lm/W	Power Factor (Fraction)	0.7
Color Consistency	<4	Voltage (Nom)	ac electronic 12 V

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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

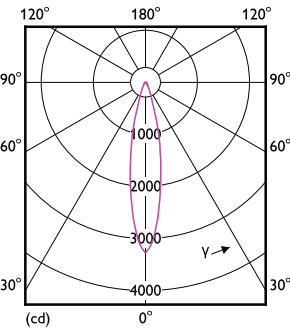
Product Data	
Order product name	MAS LED ExpertColor 11-50W 930 AR111 24D
Full product name	MAS LED ExpertColor 11-50W 930 AR111 24D
Full product code	871869969101100
Order code	929002238702
Material Nr. (12NC)	929002238702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699691011
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699691028

Dimensional drawing

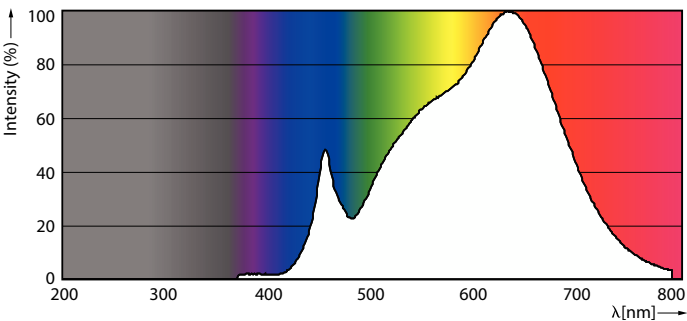


Product	D	C
MAS LED ExpertColor 11-50W 930 AR111 24D	111 mm	62 mm

Photometric data



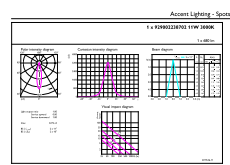
Light Distribution Diagram - MAS LED ExpertColor 11-50W 930 AR111 24D



Spectral Power Distribution Colour - MAS LED ExpertColor 11-50W 930 AR111 24D

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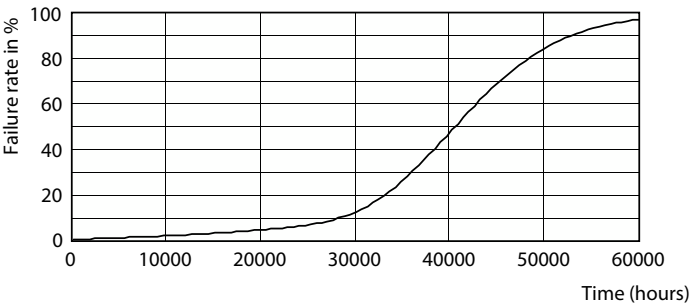
Photometric data



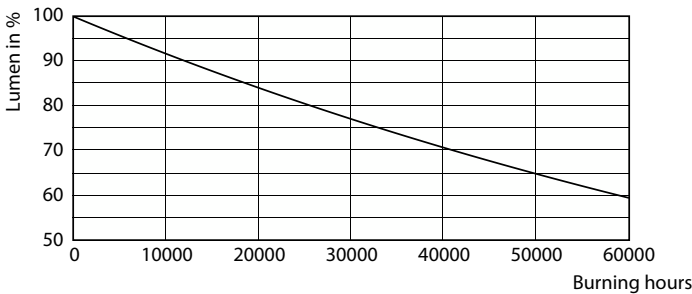
General uniform lighting - MAS LED ExpertColor 11-50W 930 AR111 24D

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Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 11-50W 930 AR111 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 11-50W 930 AR111 24D

