



# MASTER LED spot LV AR111

## MAS LED ExpertColor 15-75W 927 AR111 24D

LEDspot, AR111, 75 W, G53, 2700 K, 950 lm, 40000 hour(s)

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 Designation	
Cap-Base	G53	Color Designation	Warm White (WW)
Nominal lifetime	40,000 hour(s)	Correlated Color Temperature (Nom)	2700 K
Switching Cycle	50,000	Luminous Efficacy (rated) (Nom)	63.00 lm/W
Lighting Technology	LEDspot	Color Consistency	<4
Warranty period	3 years	Color rendering index (CRI)	97
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	927 [CCT of 2700K]	Line Frequency	- Hz
Beam Angle (Nom)	24 degree(s)	Input Frequency	- Hz
Luminous Flux	950 lm	Power Consumption	15 W
Luminous Intensity (Nom)	3,500 cd	Lamp Current (Nom)	1,800 mA

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Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V

## Temperature

T-Case Maximum (Nom)	74 °C
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Shape	AR111
Net Weight (Piece)	0.160 kg

## Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	17 kWh

EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

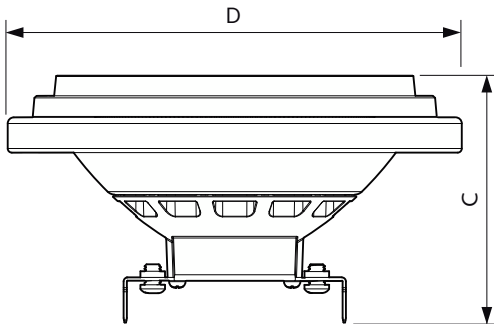
## Application Conditions

Wireless Technology	Not applicable
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## Product Data

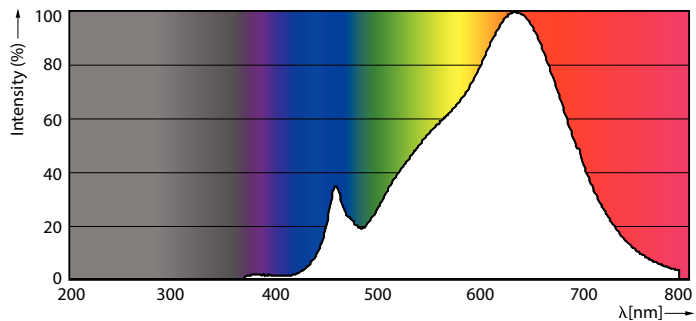
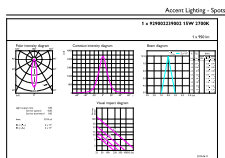
Order product name	MAS LED ExpertColor 15-75W 927 AR111 24D
Full product name	MAS LED ExpertColor 15-75W 927 AR111 24D
Full product code	871869969091500
Order code	929002239008
Material Nr. (12NC)	929002239008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699690915
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699690922

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 15-75W 927 AR111 24D	111 mm	62 mm

## Photometric data

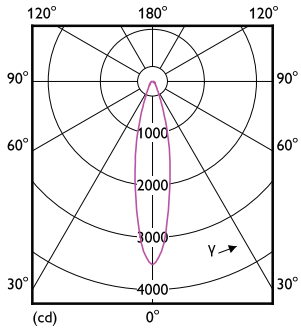


General uniform lighting - MAS LED ExpertColor 15-75W 927 AR111 24D

Spectral Power Distribution Colour - MAS LED ExpertColor 15-75W 927 AR111 24D

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## Photometric data

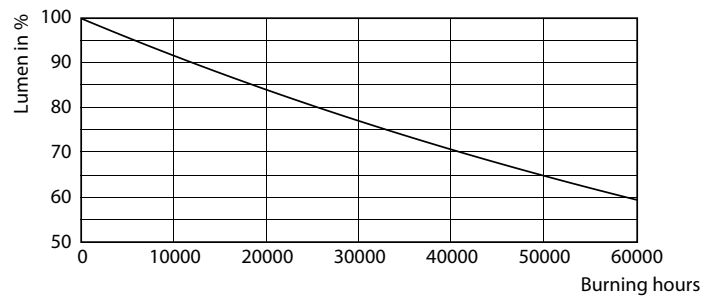


Light Distribution Diagram - MAS LED ExpertColor 15-75W 927 AR111 24D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED ExpertColor 15-75W 927 AR111 24D

