



# MASTER LEDspot LV AR111

## MAS LED ExpertColor 15-75W 930 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	G53 [G53]		66.00 lm/W
Nominal lifetime	40,000 hour(s)	Color Consistency	<4
Switching Cycle	50,000	Color rendering index (CRI)	97
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Operating and Electrical	
Light Technical		Line Frequency	- Hz
Color Code	930 [CCT of 3000K]	Input Frequency	- Hz
Beam Angle (Nom)	24 degree(s)	Power Consumption	15 W
Luminous Flux	1,000 lm	Lamp Current (Nom)	1,800 mA
Luminous Intensity (Nom)	3,500 cd	Wattage Equivalent	75 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
		Power Factor (Fraction)	0.7

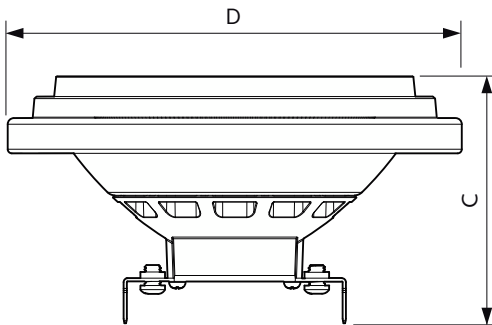
# MASTER LEDspot LV AR111

Voltage (Nom)	ac electronic 12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	74 °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/1000 h	17 kWh

## Product Data

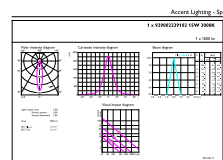
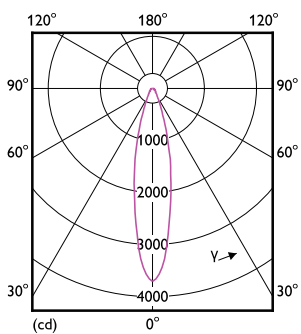
Order product name	MAS LED ExpertColor 15-75W 930 AR111 24D
Full product name	MAS LED ExpertColor 15-75W 930 AR111 24D
Full product code	871869969093900
Order code	929002239108
Material Nr. (12NC)	929002239108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699690939
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699690946

## Dimensional drawing



Product	D	C
MAS LED ExpertColor 15-75W 930 AR111 24D	111 mm	62 mm

## Photometric data

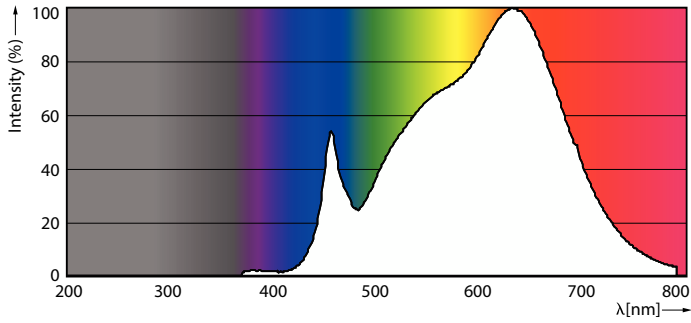


Light Distribution Diagram - MAS LED ExpertColor 15-75W 930 AR111 24D

General uniform lighting - MAS LED ExpertColor 15-75W 930 AR111 24D

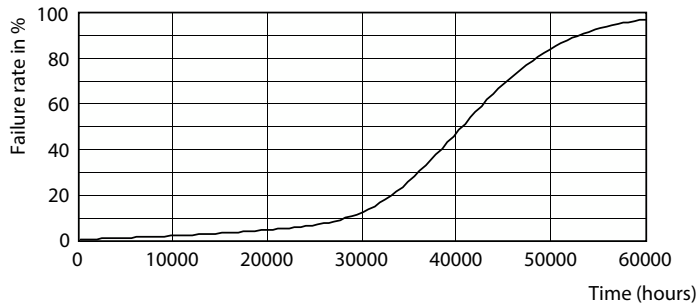
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## Photometric data



Spectral Power Distribution Colour - MAS LED ExpertColor 15-75W 930 AR111 24D

## Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 15-75W 930 AR111 24D



Lumen Maintenance Diagram - MAS LED ExpertColor 15-75W 930 AR111 24D

