



# MASTER LEDspot LV AR111

## MAS LED ExpertColor 15-75W 927 AR111 40D

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		Colour consistency	
Cap base	G53 [ G53]	Colour consistency	<4
EU RoHS compliant	Yes	Colour Rendering Index,horiz (Nom)	97
Nominal lifetime (nom.)	40000 h	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	15-75W	<b>Operating and electrical</b>	
<b>Light technical</b>		Input frequency	- Hz
Colour Code	927 [ CCT of 2,700 K]	Power (Rated) (Nom)	15 W
Technical Beam Angle (Nom)	40 °	Lamp current (nom.)	1800 mA
Lamp Luminous Flux 25°C EL (Nom)	950 lm	Wattage equivalent	75 W
Luminous intensity (nom.)	1400 cd	Starting time (nom.)	0.5 s
Colour Designation	Warm white (WW)	Warm-up time to 60% light (nom.)	0.5 s
Colour Temperature, horizontal (Nom)	2700 K	Power factor (nom.)	0.7
Lamp Luminous Efficacy EM (Nom)	63.00 lm/W	Voltage (Nom)	ac electronic 12 V

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## 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
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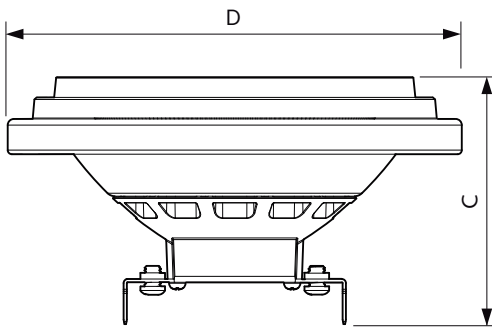
## Approval and application

Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	17 kWh

## Product data

Full product code	871869969095300
Order product name	MAS LED ExpertColor 15-75W 927 AR111 40D
EAN/UPC – product	8718699690953
Order code	929002239308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002239308
Net Weight (Piece)	0.160 kg

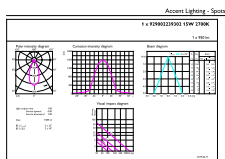
## Dimensional drawing



MAS LED ExpertColor 15-75W 927 AR111 40D

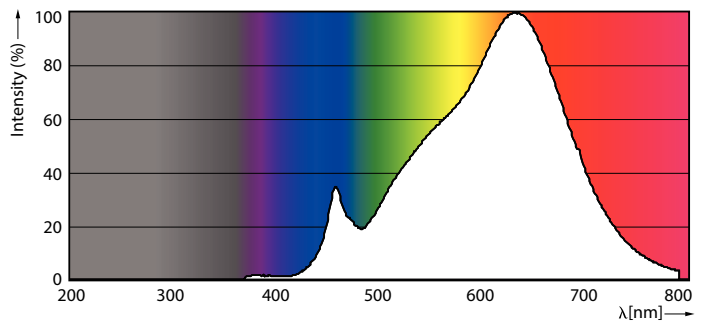
Product	D	C
MAS LED ExpertColor 15-75W 927 AR111 40D	111 mm	62 mm

## Photometric data



Calculation: 15-75W 927 AR111 40D Page 111

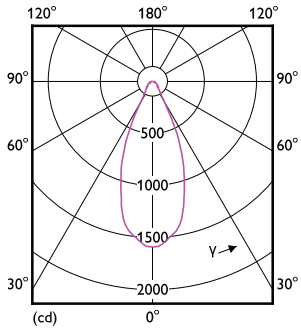
LEDspots 75W G53 AR111 927 40D



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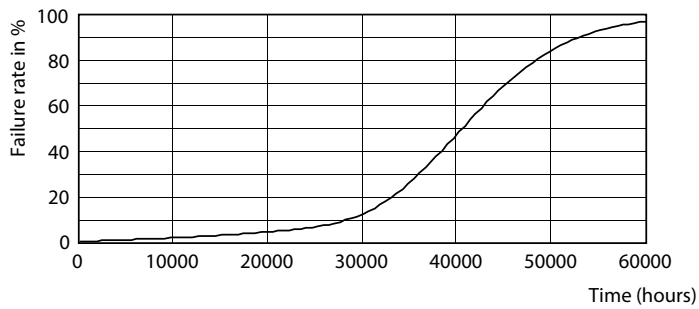
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## Photometric data

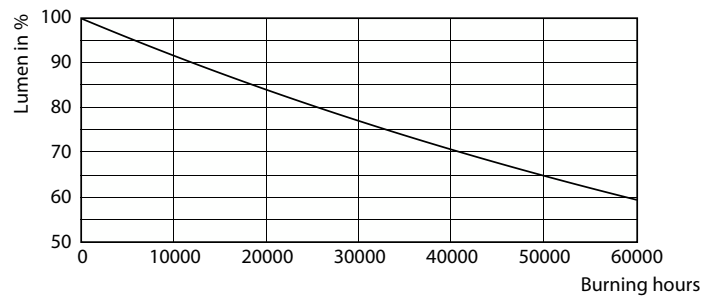


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## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

