



MASTER LEDspot ExpertColor AR111

MAS LEDExpertColor 20-100W 927 AR111 24D

The MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also suit almost any interior decor with its clean and neat look. In addition, you can take advantage of the full ExpertColor family, which also includes LEDspot LV and LEDspot Par lamps.

Product data

General information		Operating and electrical	
Cap base	G53 [G53]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	20 W
Nominal lifetime (nom.)	40000 h	Lamp current (nom.)	2000 mA
Switching cycle	50,000X	Wattage equivalent	100 W
Light technical		Starting time (nom.)	0.5 s
Colour Code	927 [CCT of 2,700 K]	Warm-up time to 60% light (nom.)	0.5 s
Technical Beam Angle (Nom)	24 °	Power factor (nom.)	0.7
Lamp Luminous Flux 25°C EL (Nom)	1500 lm	Voltage (Nom)	12 V
Luminous intensity (nom.)	4000 cd	Temperature	
Colour Designation	Warm white (WW)	T-ambient (max.)	45 °C
Colour Temperature, horizontal (Nom)	2700 K	T-ambient (min.)	-20 °C
Lamp Luminous Efficacy EM (Nom)	75.00 lm/W	T-Case maximum (nom.)	77 °C
Colour consistency	<4	Controls and dimming	
Colour Rendering Index,horiz (Nom)	97	Dimmable	Only with specific dimmers
LLMF at end of nominal lifetime (nom.)	70 %		

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Mechanical and housing

Lamp Finish	Clear
Bulb shape	AR111

Approval and application

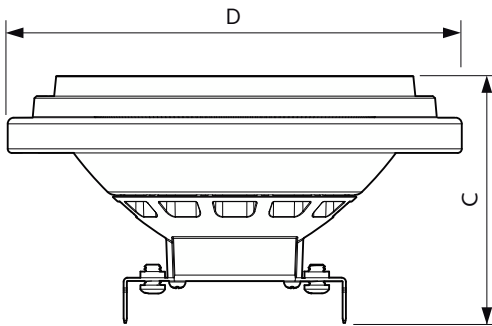
Suitable for accent lighting	Yes
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Product data

Full product code	871951444873500
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Order product name	MAS LEDExpertColor 20-100W 927 AR111 24D
EAN/UPC – product	8719514448735
Order code	929003478608
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929003478608
Net Weight (Piece)	0.162 kg

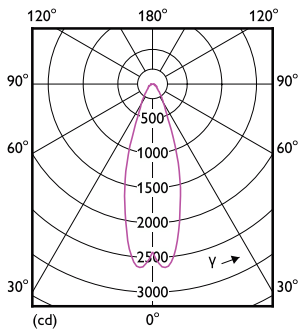
Dimensional drawing



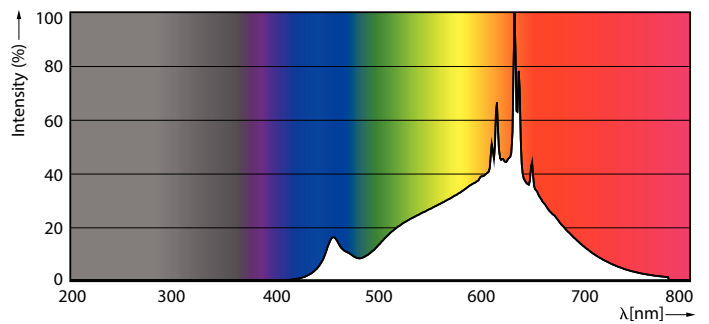
MAS LEDExpertColor 20-100W 927 AR111 24D

Product	D	C
MAS LEDExpertColor 20-100W 927 AR111 24D	111 mm	62 mm

Photometric data



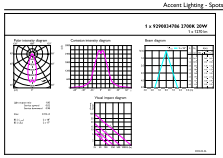
Light Distribution Diagram



Spectral Power Distribution Colour

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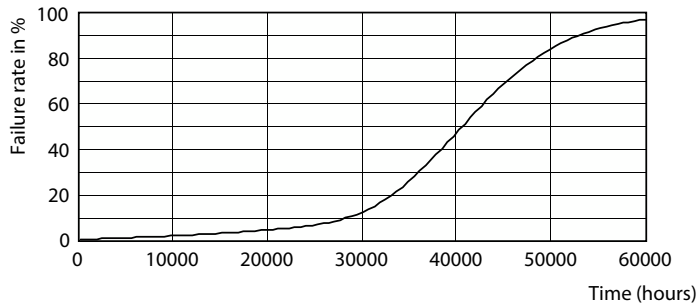
Photometric data



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Accent Lighting Spots

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

