



MASTER LEDspot ExpertColor AR111

MAS LEDExpertColor 20-100W 930 AR111 15D

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

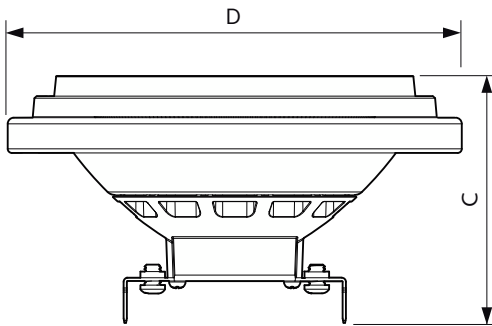
General information		Operating and electrical	
Cap base	G53 [G53]	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power (Rated) (Nom)	20 W
Nominal lifetime (nom.)	40000 h	Lamp current (nom.)	2000 mA
Switching cycle	50,000X	Wattage equivalent	100 W
Light technical		Starting time (nom.)	0.5 s
Colour Code	930 [CCT of 3,000 K]	Warm-up time to 60% light (nom.)	0.5 s
Technical Beam Angle (Nom)	15 °	Power factor (nom.)	0.7
Lamp Luminous Flux 25°C EL (Nom)	1600 lm	Voltage (Nom)	12 V
Luminous intensity (nom.)	8500 cd	Temperature	
Colour Designation	White (WH)	T-ambient (max.)	45 °C
Colour Temperature, horizontal (Nom)	3000 K	T-ambient (min.)	-20 °C
Lamp Luminous Efficacy EM (Nom)	80.00 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
Product data	
Full product code	871951445183400

Order product name	MAS LEDExpertColor 20-100W 930 AR111 15D
EAN/UPC – product	8719514451834
Order code	929003478408
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929003478408
Net Weight (Piece)	0.162 kg

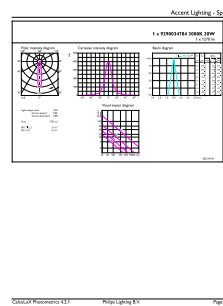
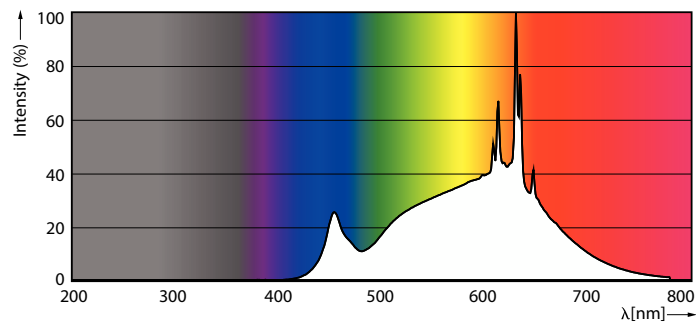
Dimensional drawing



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Product	D	C
MAS LEDExpertColor 20-100W 930 AR111 15D	111 mm	62 mm

Photometric data

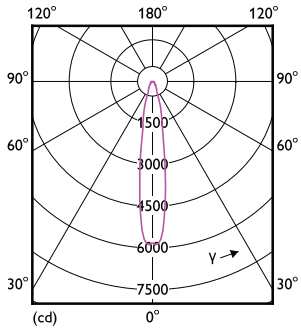


Spectral Power Distribution Colour

Accent Lighting Spots

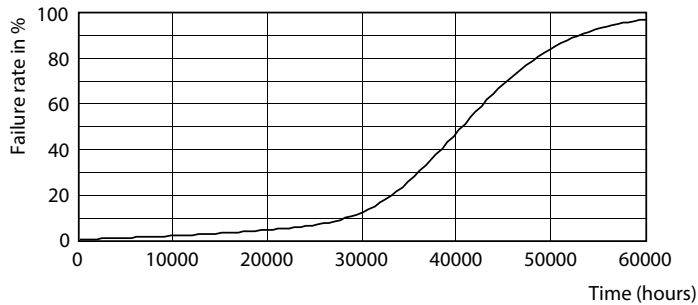
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Photometric data

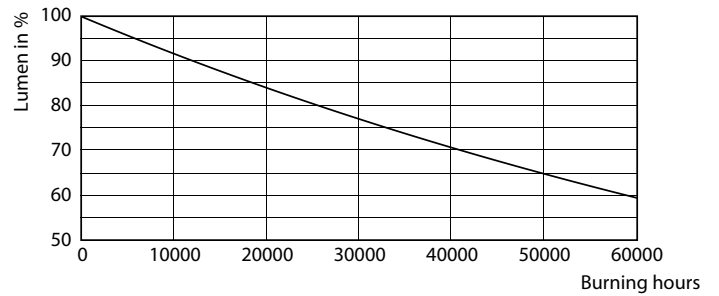


Light Distribution Diagram

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

