



MASTER LEDspot ExpertColor AR111



MAS LEDspotLV D 20-100W 930 AR111 24D

MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates such an ambience with superior lighting that has a customized spectrum, high CRI, and deep dimming feature. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will 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 MV and LEDspot Par lamps.

Product data

General Information	
Cap-Base	G53 [G53]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	1,270 lm
Luminous Intensity (Nom)	4,600 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	63.00 lm/W
Color Consistency	<4

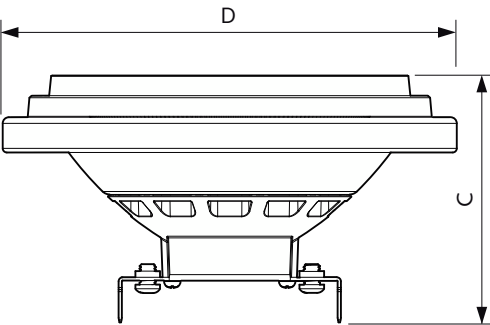
Color rendering index (CRI)	91
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	1,270 lm
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	20 W
Lamp Current (Nom)	2,000 mA
Wattage Equivalent	100 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

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Temperature	
T-Case Maximum (Nom)	97 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	AR111
Approval and Application	
Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	648242
EyeComfort	Yes

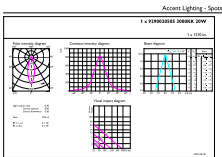
Product Data	
Order product name	MAS LEDspotLV D 20-100W 930 AR111 24D
Full product name	MAS LEDspotLV D 20-100W 930 AR111 24D
Full product code	871869970515200
Order code	70515200
Material Nr. (12NC)	929002050502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699705152
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514275744

Dimensional drawing



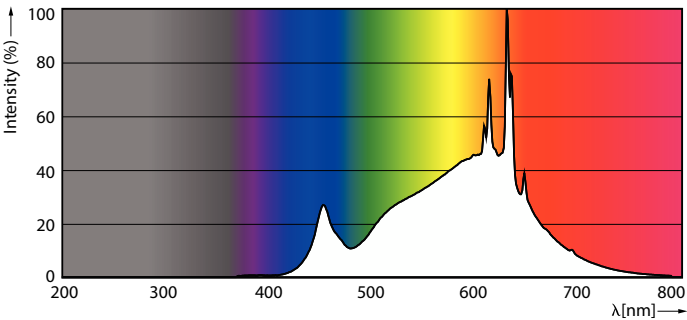
Product	D	C
MAS LEDspotLV D 20-100W 930 AR111 24D	111 mm	62 mm

Photometric data



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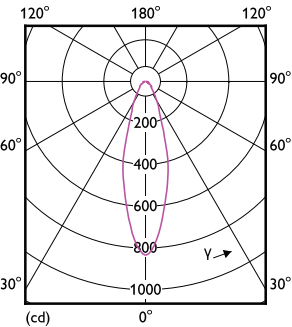
Accent Lighting Spots - MAS LEDspotLV D 20-100W 930 AR111 24D



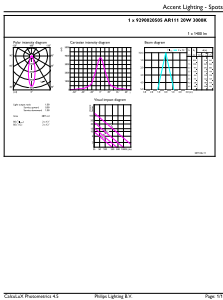
Spectral Power Distribution Colour - MAS LEDspotLV D 20-100W 930 AR111 24D

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Photometric data

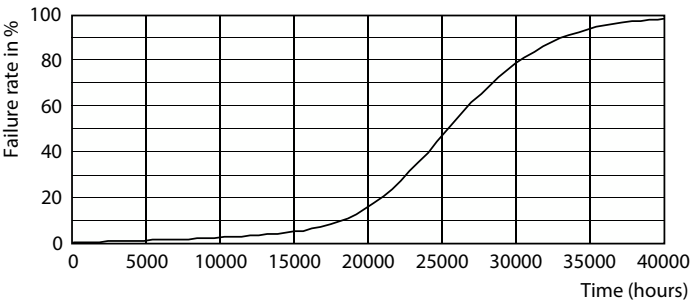


Light Distribution Diagram - MAS LEDspotLV D 20-100W 930 AR111 24D

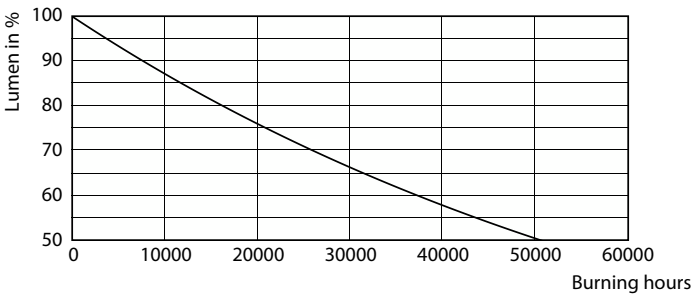


General uniform lighting - MAS LEDspotLV D 20-100W 930 AR111 24D

Lifetime



Life Expectancy Diagram - MAS LEDspotLV D 20-100W 930 AR111 24D



Lumen Maintenance Diagram - MAS LEDspotLV D 20-100W 930 AR111 24D

