



MASTER LEDspot ExpertColor AR111



MAS LEDExpertColor 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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Flux measurement reference	Narrow Cone
Tier	MASTER

Light technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 °
Luminous Flux (Nom)	1270 lm
Luminous Intensity (Nom)	4200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	63 lm/W
Color Consistency	<4
Color Rendering Index (Nom)	95

LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	1270 lm

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	20 W
Lamp Current (Nom)	2000 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	12 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	77 °C

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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 1122533

Product data

Full product code 871951442969700

Order product name MAS LEDExpertColor 20-100W 930 AR111 24D

EAN/UPC - Product 8719514429697

Order code 929003478702

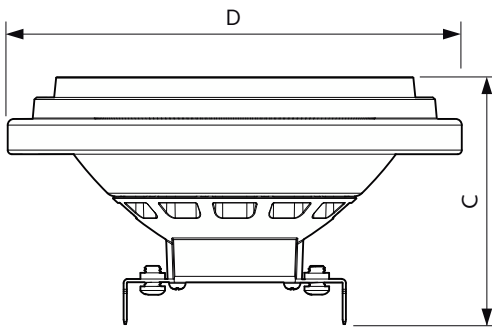
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 6

Material Nr. (12NC) 929003478702

Net Weight (Piece) 0.162 kg

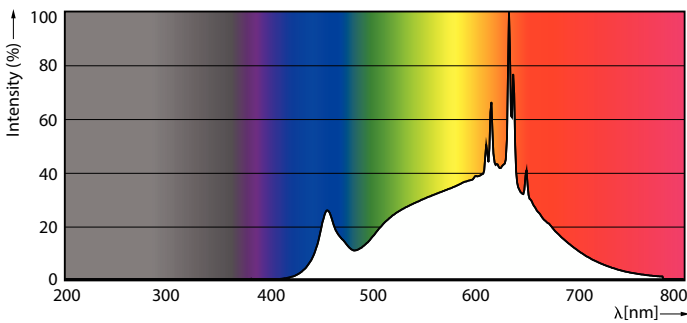
Dimensional drawing



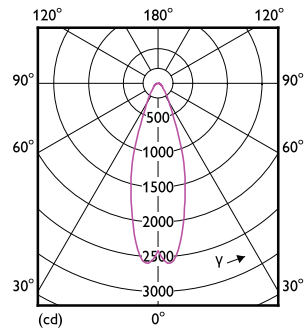
MAS LEDExpertColor 20-100W 930 AR111 24D

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

Photometric data



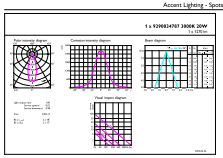
Spectral Power Distribution Colour



Light Distribution Diagram

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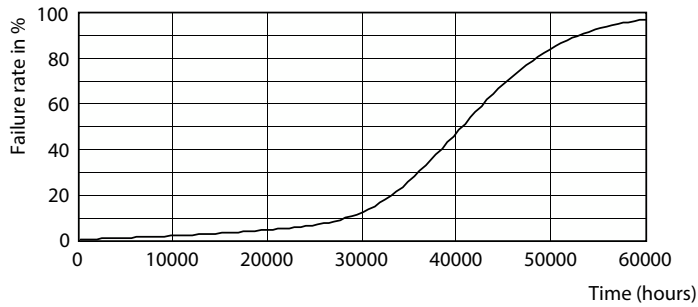
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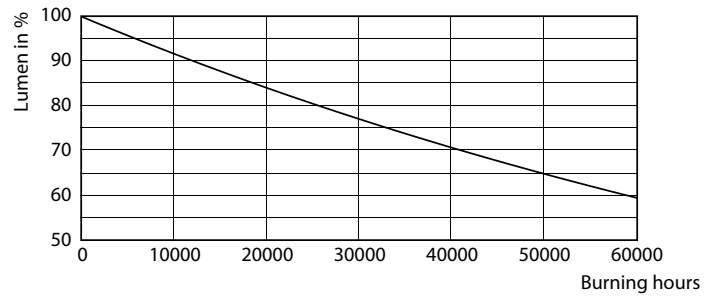
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Accent Lighting Spots

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

