



MASTER LEDspot ExpertColor AR111



MAS LEDExpertColor 20-100W 927 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	927 [CCT of 2700K]
Beam Angle (Nom)	24 °
Luminous Flux (Nom)	1270 lm
Luminous Intensity (Nom)	4000 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 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
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Mechanical and housing

Bulb Finish	Clear
Bulb Shape	AR111

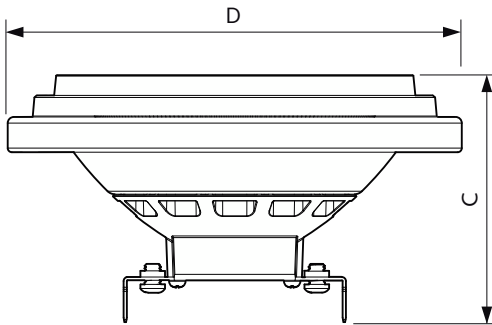
Approval and application

Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	1122531

Product data

Full product code	871951442965900
Order product name	MAS LEExpertColor 20-100W 927 AR111 24D
EAN/UPC - Product	8719514429659
Order code	929003478602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003478602
Net Weight (Piece)	0.162 kg

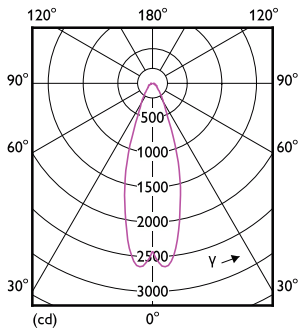
Dimensional drawing



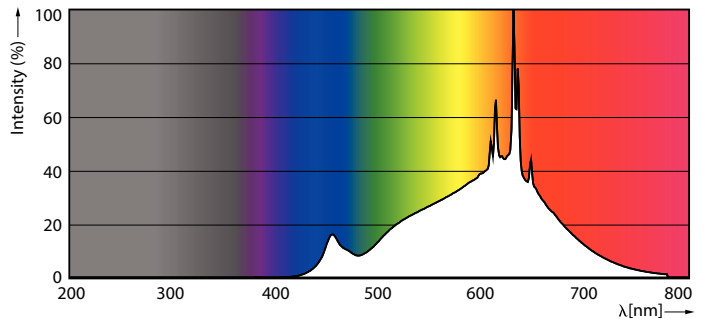
MAS LEExpertColor 20-100W 927 AR111 24D

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

Photometric data



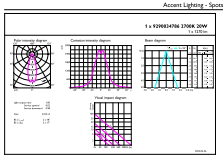
Light Distribution Diagram



Spectral Power Distribution Colour

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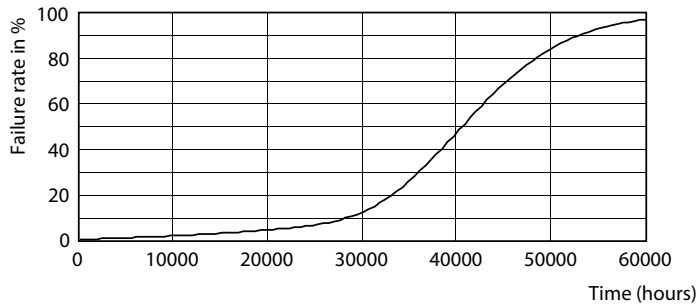
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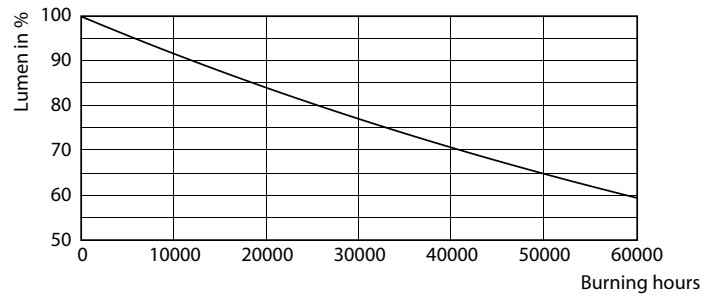
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Accent Lighting Spots

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

