



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]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	1,270 lumen
Luminous Intensity (Nom)	4,200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	63 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	1,270 lumen
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)	12 V
Temperature	
Ambient temperature range	-20 °C to 45 °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

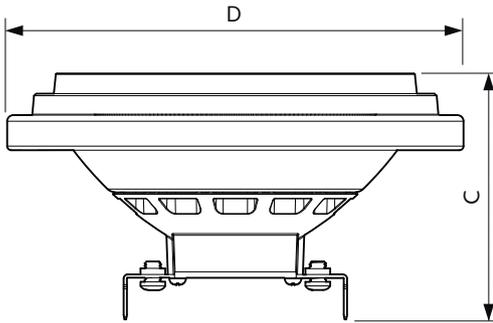
Approval and Application

Energy Efficiency Class	G
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	1122533
EU RoHS compliant	Yes

Product Data

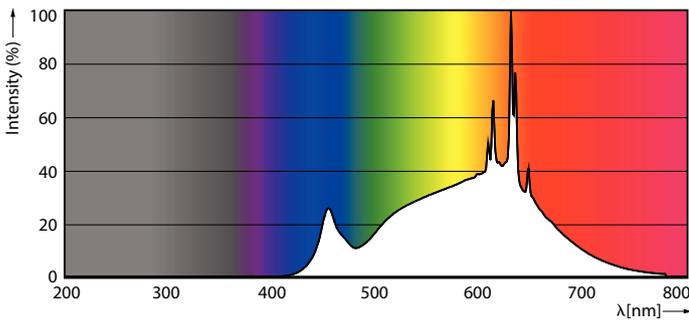
Full product code	871951442969700
Order product name	MAS LEDExpertColor 20-100W 930 AR111 24D
Order code	929003478702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003478702
Full product name	MAS LEDExpertColor 20-100W 930 AR111 24D
EAN/UPC - Case	8719514429703

Dimensional drawing

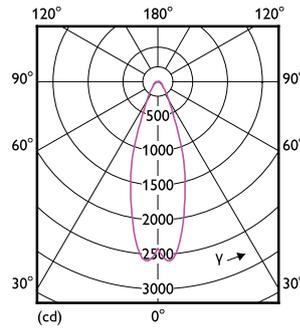


Product	D	C
MAS LEDExpertColor 20-100W 930 AR111 24D	111 mm	62 mm

Photometric data



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



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

