



MASTER LED spot ExpertColor AR111

MAS LEDExpertColor 20-100W 930 AR111 15D

LEDspot, AR111, 100 W, G53, 3000 K, 1600 lm, 40000 hour(s)

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		Color rendering index (CRI)	
Cap-Base	G53		97
Nominal lifetime	40,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LEDspot	Line Frequency	50 to 60 Hz
Light Technical		Input Frequency	50 to 60 Hz
Color Code	930 [CCT of 3000K]	Power Consumption	20 W
Beam Angle (Nom)	15 degree(s)	Lamp Current (Nom)	2,000 mA
Luminous Flux	1,600 lm	Wattage Equivalent	100 W
Luminous Intensity (Nom)	8,500 cd	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.7
Luminous Efficacy (rated) (Nom)	80.00 lm/W	Voltage (Nom)	12 V
Color Consistency	<4		

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Temperature

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
Net Weight (Piece)	0.162 kg

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

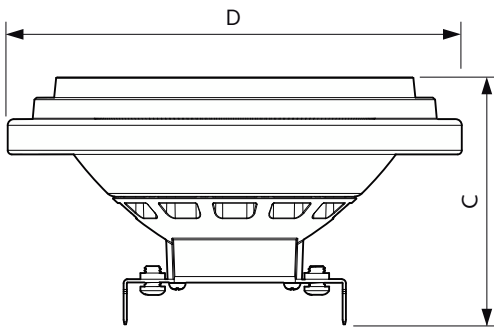
Application Conditions

Wireless Technology	Not applicable
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Product Data

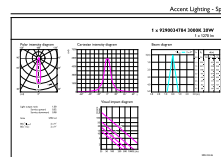
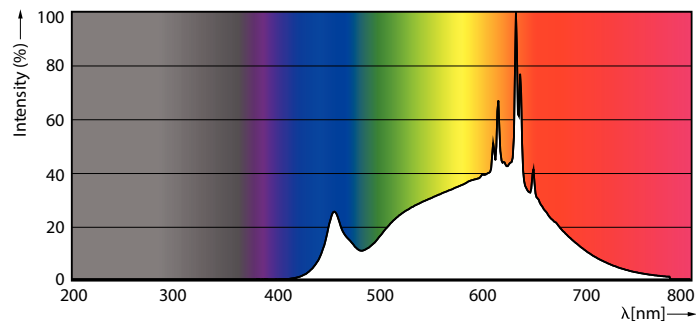
Order product name	MAS LEExpertColor 20-100W 930 AR111 15D
Full product name	MAS LEExpertColor 20-100W 930 AR111 15D
Full product code	871951445183400
Order code	929003478408
Material Nr. (12NC)	929003478408
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514451834
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514451841

Dimensional drawing



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

Photometric data

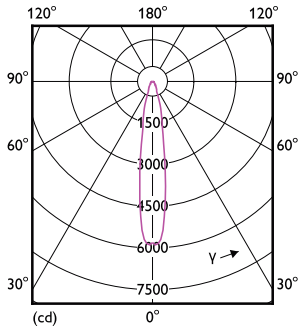


Spectral Power Distribution Colour - MAS LEExpertColor 20-100W 930 AR111 15D

Accent Lighting Spots - MAS LEExpertColor 20-100W 930 AR111 15D

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Photometric data



Light Distribution Diagram - MAS LEExpertColor 20-100W 930 AR111 15D

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEExpertColor 20-100W 930 AR111 15D

