



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

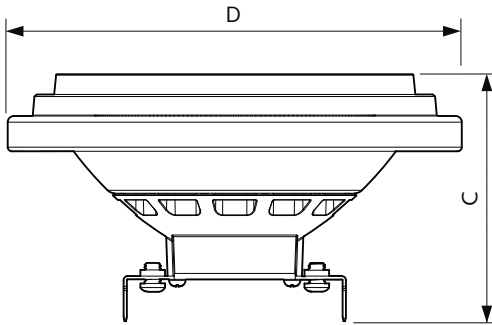
General Information		Color rendering index (CRI) 97	
Cap-Base	G53	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Nominal lifetime	40,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDspot	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption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

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Temperature	
T-Case Maximum (Nom)	77 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
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

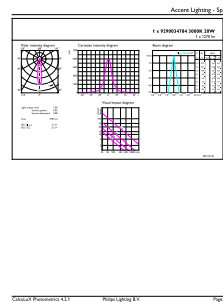
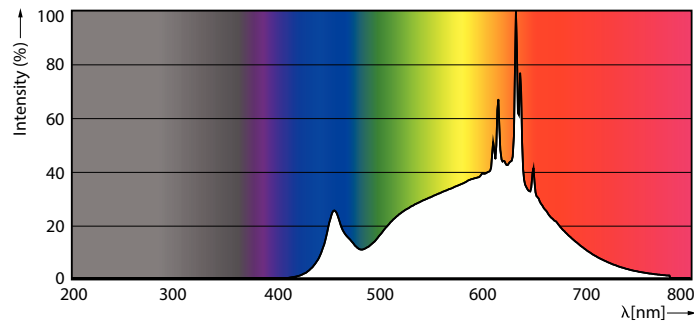
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	MAS LEExpertColor 20-100W 930 AR111 15D
Full product name	MAS LEExpertColor 20-100W 930 AR111 15D
Full product code	871951445183400
Order code	929003478408
Material Nr. (12NC)	929003478408
Numerator - Quantity Per Pack	1
EAN/UPC - 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

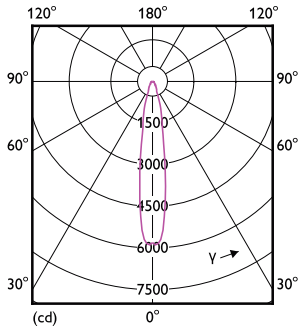


Spectral Power Distribution Colour - MAS LEExpertColor 20-100W 930 AR111 15D

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

