



MASTER LEDspot ExpertColor AR111

MAS LEDExpertColor 20-100W 927 AR111 45D

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
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	45 degree(s)
Luminous Flux	1,500 lumen
Luminous Intensity (Nom)	2,100 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %

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
Controls and Dimming	
Dimmable	Only with specific dimmers

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	AR111

Approval and Application

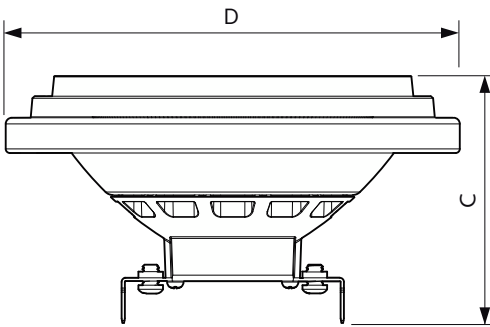
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes

Product Data

Full product code	871951444879700
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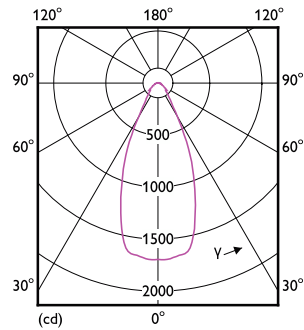
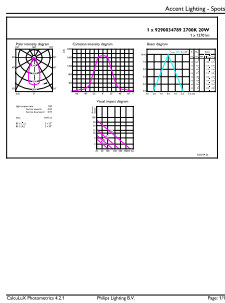
Order product name	MAS LEExpertColor 20-100W 927 AR111 45D
Order code	929003478908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003478908
Full product name	MAS LEExpertColor 20-100W 927 AR111 45D
EAN/UPC - Case	8719514448803

Dimensional drawing



Product	D	C
MAS LEExpertColor 20-100W 927 AR111 45D	111 mm	62 mm

Photometric data

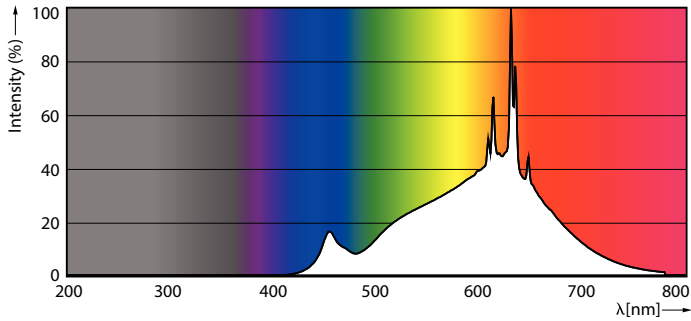


Accent Lighting Spots - MAS LEExpertColor 20-100W 927 AR111 45D

Light Distribution Diagram - MAS LEExpertColor 20-100W 927 AR111 45D

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Photometric data



Spectral Power Distribution Colour - MAS LEExpertColor 20-100W 927 AR111 45D

Lifetime



Life Expectancy Diagram - MAS LEExpertColor 20-100W 927 AR111 45D



Lumen Maintenance Diagram - MAS LEExpertColor 20-100W 927 AR111 45D

