



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 10.8-50W 927 AR111 9D

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 InformationCap-BaseG53 [G53]Nominal lifetime40,000 hour(s)Switching Cycle50,000Lighting TechnologyLEDFlux measurement referenceNarrow ConeLight Technical927 [CCT of 2700K]Beam Angle (Nom)9 degree(s)Luminous Flux600 lumenLuminous Intensity (Nom)8,000 cdColor Color Color Temperature (Nom)2700 KColor Consistency<4Color Consistency<4Color rendering index (CRI)95LLMF At End Of Nominal Lifetime (Nom)70 %		
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Flux measurement reference Narrow Cone Light Technical Image: Color Code Color Code 927 [CCT of 2700K] Beam Angle (Nom) 9 degree(s) Luminous Flux 600 lumen Luminous Intensity (Nom) 8,000 cd Color Designation Warm White (WW) Correlated Color Temperature (Nom) 2700 K Luminous Efficacy (rated) (Nom) 55.00 lm/W Color Consistency <4 Color rendering index (CRI) 95	Switching Cycle	50,000
Light TechnicalColor Code927 [CCT of 2700K]Beam Angle (Nom)9 degree(s)Luminous Flux600 lumenLuminous Intensity (Nom)8,000 cdColor DesignationWarm White (WW)Correlated Color Temperature (Nom)2700 KLuminous Efficacy (rated) (Nom)55.00 lm/WColor Consistency<4Color rendering index (CRI)95	Lighting Technology	LED
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Color DesignationWarm White (WW)Correlated Color Temperature (Nom)2700 KLuminous Efficacy (rated) (Nom)55.00 lm/WColor Consistency<4	Luminous Flux	600 lumen
Correlated Color Temperature (Nom) 2700 K Luminous Efficacy (rated) (Nom) 55.00 lm/W Color Consistency <4 Color rendering index (CRI) 95	Luminous Intensity (Nom)	8,000 cd
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	Color Consistency	<4
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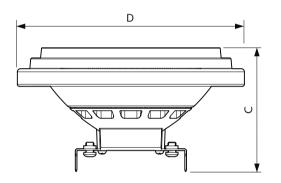
Luminous Flux in 90° Cone (Rated)	600 lumen
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	10.8 W
Lamp Current (Nom)	1,000 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	70 ℃

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Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	648,245
CE mark	Yes
EU RoHS compliant	Yes

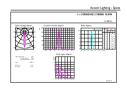
Product Data	
Full product code	871951433391800
Order product name	MAS ExpertColor 10.8-50W 927 AR111 9D
Order code	929003043202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003043202
Full product name	MAS ExpertColor 10.8-50W 927 AR111 9D
EAN/UPC - Case	8719514333925

Dimensional drawing

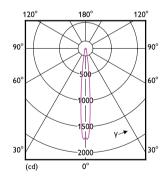


Product	D	с
MAS ExpertColor 10.8-50W 927 AR111 9D	111 mm	61 mm

Photometric data



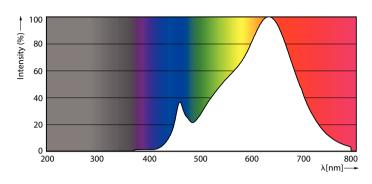
Philips Lighting B.V.



Light Distribution Diagram - MAS ExpertColor 10.8-50W 927 AR111 9D

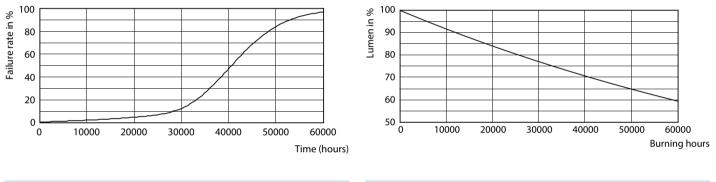
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Photometric data



Spectral Power Distribution Colour - MAS ExpertColor 10.8-50W 927 AR111 9D

Lifetime



Life Expectancy Diagram - MAS ExpertColor 10.8-50W 927 AR111 9D

Lumen Maintenance Diagram - MAS ExpertColor 10.8-50W 927 AR111 9D



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