



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 10.8-50W 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		Luminous Flux in 90° Cone (Rated)	620 lumen
Cap-Base	G53 [G53]	Operating and Electrical	
Nominal lifetime	40,000 hour(s)	Line Frequency	50 to 60 Hz
Switching Cycle	50,000	Input Frequency	50 to 60 Hz
Lighting Technology	LED	Power Consumption	10.8 W
Flux measurement reference	Narrow Cone	Lamp Current (Nom)	1,000 mA
Light Technical		Wattage Equivalent	50 W
Color Code	930 [CCT of 3000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	24 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	620 lumen	Power Factor (Fraction)	0.7
Luminous Intensity (Nom)	3,200 cd	Voltage (Nom)	ac electronic 12 V
Color Designation	White (WH)	Temperature	
Correlated Color Temperature (Nom)	3000 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	57 lm/W		
Color Consistency	<4		
Color rendering index (CRI)	95		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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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

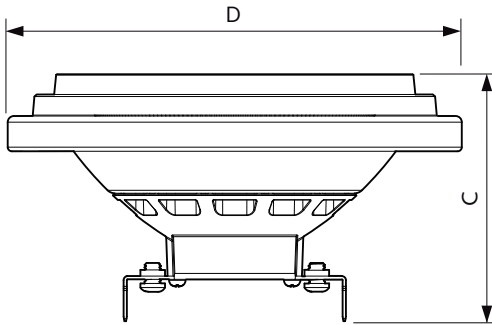
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	648,247
CE mark	Yes
EU RoHS compliant	Yes

Product Data

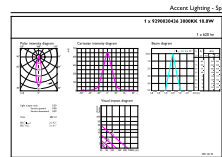
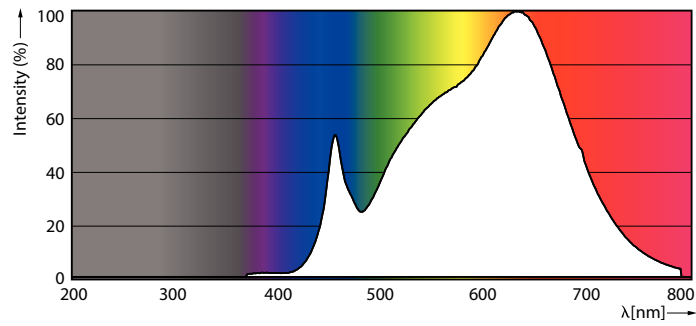
Full product code	871951433399400
Order product name	MAS ExpertColor 10.8-50W 930 AR111 24D
Order code	929003043602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003043602
Full product name	MAS ExpertColor 10.8-50W 930 AR111 24D
EAN/UPC - Case	8719514334007

Dimensional drawing



Product	D	C
MAS ExpertColor 10.8-50W 930 AR111 24D	111 mm	61 mm

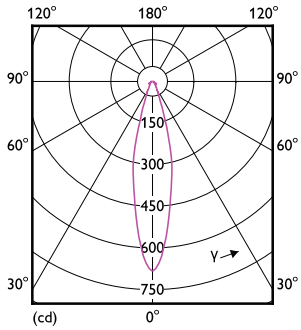
Photometric data



Spectral Power Distribution Colour - MAS ExpertColor 10.8-50W 930 AR111 24D

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Photometric data



Light Distribution Diagram - MAS ExpertColor 10.8-50W 930 AR111 24D

Lifetime



Life Expectancy Diagram - MAS ExpertColor 10.8-50W 930 AR111 24D



Lumen Maintenance Diagram - MAS ExpertColor 10.8-50W 930 AR111 24D

