



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 10.8-50W 930 AR111 40D

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

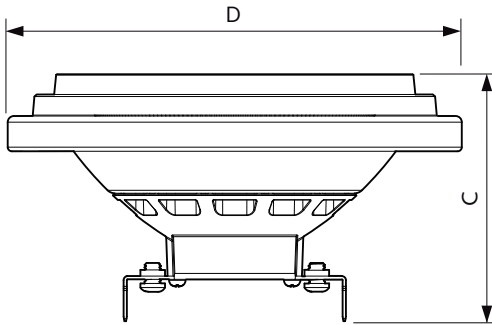
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	648,252
CE mark	Yes
EU RoHS compliant	Yes

Product Data

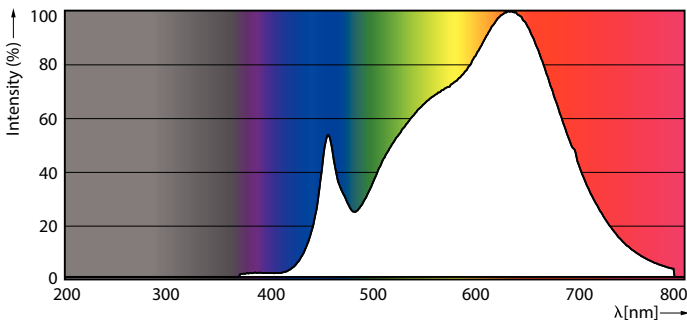
Full product code	871951433401400
Order product name	MAS ExpertColor 10.8-50W 930 AR111 40D
Order code	929003043702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003043702
Full product name	MAS ExpertColor 10.8-50W 930 AR111 40D
EAN/UPC - Case	8719514334021

Dimensional drawing

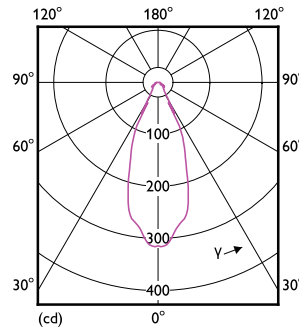


Product	D	C
MAS ExpertColor 10.8-50W 930 AR111 40D	111 mm	61 mm

Photometric data



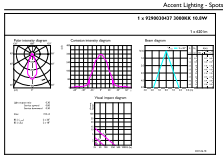
Spectral Power Distribution Colour - MAS ExpertColor 10.8-50W 930 AR111 40D



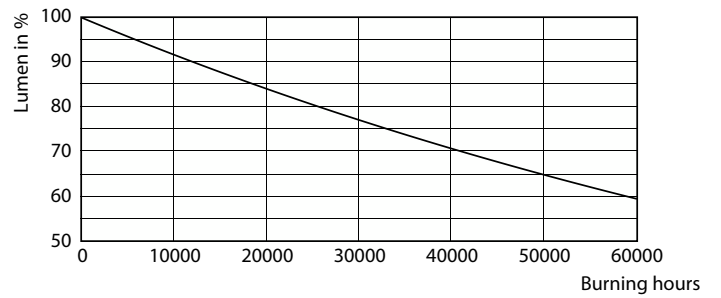
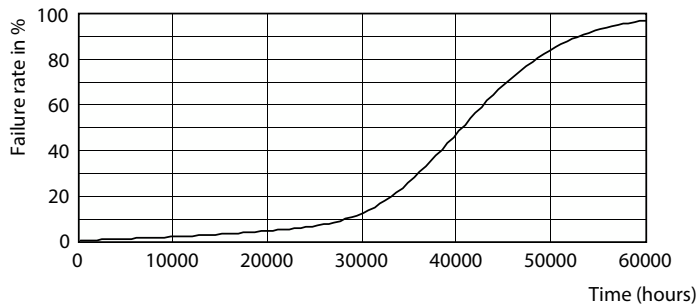
Light Distribution Diagram - MAS ExpertColor 10.8-50W 930 AR111 40D

MASTER LEDspot ExpertColor AR111

Photometric data



Lifetime



Life Expectancy Diagram - MAS ExpertColor 10.8-50W 930 AR111 40D

Lumen Maintenance Diagram - MAS ExpertColor 10.8-50W 930 AR111 40D

