



# 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	
Cap-Base	G53 [G53]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	620 lumen
Luminous Intensity (Nom)	1,200 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	57 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	620 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 °C

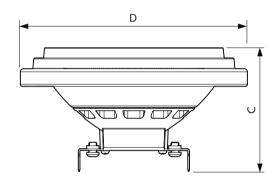
Datasheet, 2023, May 19 data subject to change

# **MASTER LEDspot ExpertColor AR111**

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	648,252
CE mark	Yes
EU RoHS compliant	Yes

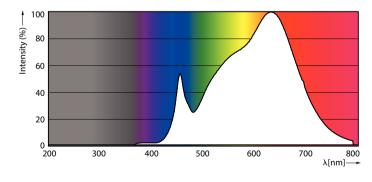
Product Data		
Full product code	871951433401400	
Order product name	MAS ExpertColor 10.8-50W 930 AR111 40D	
Order code	929003043702	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	929003043702	
Full product name	MAS ExpertColor 10.8-50W 930 AR111 40D	
EAN/UPC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

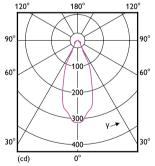
## Dimensional drawing



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

## Photometric data



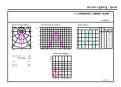


Spectral Power Distribution Colour - MAS ExpertColor 10.8-50W 930 AR111 40D

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

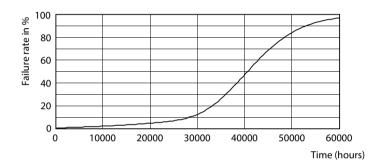
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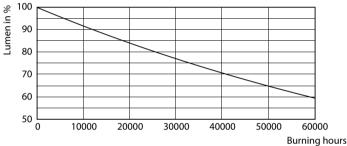
#### Photometric data



Calculus Photometrics 4.5 Philips Lighting B.V. Fager 1

#### Lifetime





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

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



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