



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 14.8-75W 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	
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)	24 degree(s)
Luminous Flux	875 lumen
Luminous Intensity (Nom)	3,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	59 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	875 lumen
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	14.8 W
Lamp Current (Nom)	1,500 mA
Wattage Equivalent	75 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)	85 ℃

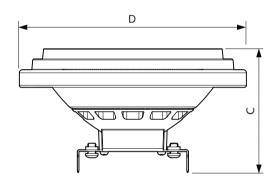
Datasheet, 2023, May 19 data subject to change

MASTER LEDspot ExpertColor AR111

Dimmable Only with specific dimmers Mechanical and Housing Bulb Finish Clear Bulb Shape AR111 Approval and Application Suitable For Accent Lighting Energy Consumption kWh/1000 h EPREL Registration Number 648,257 CE mark Yes	Controls and Dimming	
Bulb Finish Clear Bulb Shape AR111 Approval and Application Suitable For Accent Lighting Yes Energy Consumption kWh/1000 h 15 kWh EPREL Registration Number 648,257	Dimmable	Only with specific dimmers
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Approval and Application Suitable For Accent Lighting Yes Energy Consumption kWh/1000 h 15 kWh EPREL Registration Number 648,257	Bulb Finish	Clear
Suitable For Accent Lighting Yes Energy Consumption kWh/1000 h 15 kWh EPREL Registration Number 648,257	Bulb Shape	AR111
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Energy Consumption kWh/1000 h 15 kWh EPREL Registration Number 648,257	Approval and Application	
EPREL Registration Number 648,257	Suitable For Accent Lighting	Yes
	Energy Consumption kWh/1000 h	15 kWh
CE mark Yes	EPREL Registration Number	648,257
	CE mark	Yes
EU RoHS compliant Yes	EU RoHS compliant	Yes

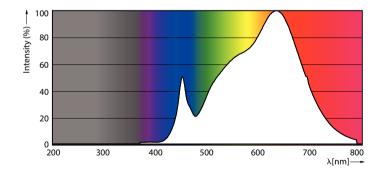
Duradicat Data	
Product Data	
Full product code	871951433383300
Order product name	MAS ExpertColor 14.8-75W 930 AR111 24D
Order code	929003042802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003042802
Full product name	MAS ExpertColor 14.8-75W 930 AR111 24D
EAN/UPC - Case	8719514333840

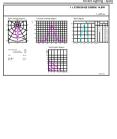
Dimensional drawing



Product	D	С
MAS ExpertColor 14.8-75W 930 AR111 24D	111 mm	61 mm

Photometric data

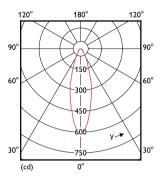




Spectral Power Distribution Colour - MAS ExpertColor 14.8-75W 930 AR111 24D

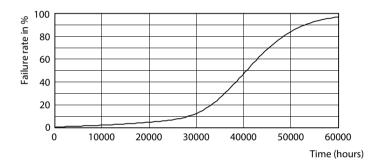
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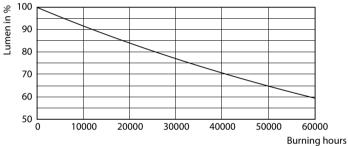
Photometric data



Light Distribution Diagram - MAS ExpertColor 14.8-75W 930 AR111 24D

Lifetime





Life Expectancy Diagram - MAS ExpertColor 14.8-75W 930 AR111 24D

Lumen Maintenance Diagram - MAS ExpertColor 14.8-75W 930 AR111 24D



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