



# MASTER LEDspot ExpertColor AR111

## MAS ExpertColor 14.8-75W 940 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	940 [CCT of 4000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	950 lumen
Luminous Intensity (Nom)	3,300 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	64.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %

Luminous Flux in 90° Cone (Rated)	950 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 °C

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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

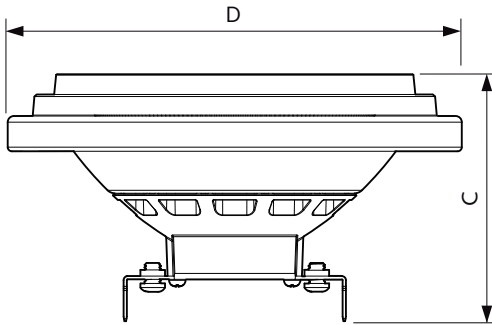
## Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	15 kWh
EPREL Registration Number	648,253
CE mark	Yes
EU RoHS compliant	Yes

## Product Data

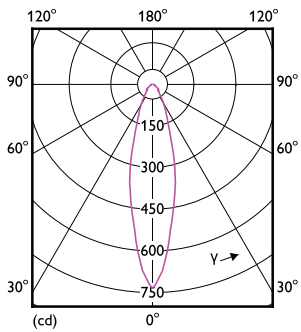
Full product code	871951433387100
Order product name	MAS ExpertColor 14.8-75W 940 AR111 24D
Order code	929003043002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003043002
Full product name	MAS ExpertColor 14.8-75W 940 AR111 24D
EAN/UPC - Case	8719514333888

## Dimensional drawing

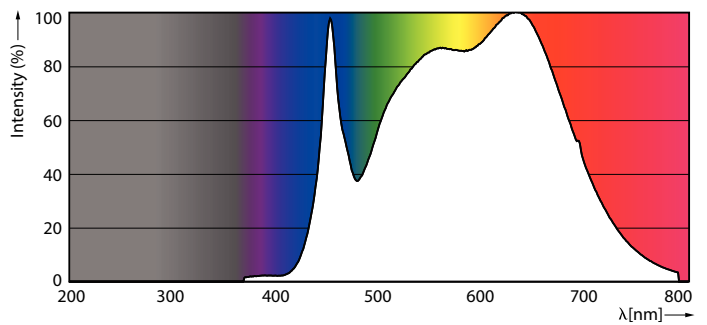


Product	D	C
MAS ExpertColor 14.8-75W 940 AR111 24D	111 mm	61 mm

## Photometric data



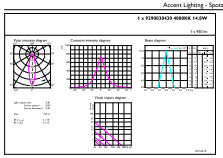
Light Distribution Diagram - MAS ExpertColor 14.8-75W 940 AR111 24D



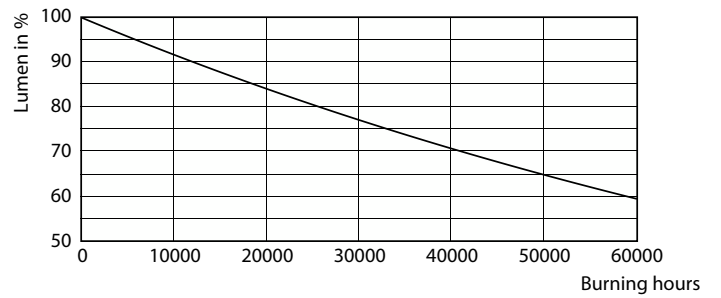
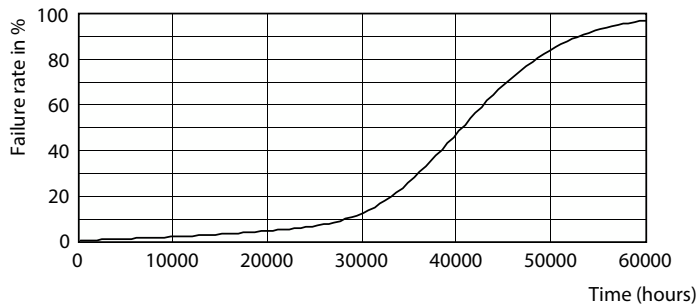
Spectral Power Distribution Colour - MAS ExpertColor 14.8-75W 940 AR111 24D

# MASTER LEDspot ExpertColor AR111

## Photometric data



## Lifetime



Life Expectancy Diagram - MAS ExpertColor 14.8-75W 940 AR111 24D

Lumen Maintenance Diagram - MAS ExpertColor 14.8-75W 940 AR111 24D

