



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]	
CE mark	Yes	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	40000 h	
Switching Cycle	50000	
Flux measurement reference	Narrow Cone	
Tier	MASTER	
Light technical		
Color Code	940 [CCT of 4000K]	
Beam Angle (Nom)	24°	
Luminous Flux (Nom)	950 lm	
Luminous Intensity (Nom)	3300 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 (Nom)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	950 lm
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	14.8 W
Lamp Current (Nom)	1500 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case Maximum (Nom)	85 °C

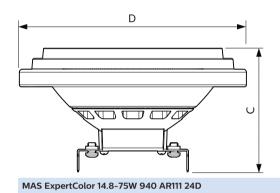
Datasheet, 2022, December 2 data subject to change

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Controls and dimming			
Dimmable	Only with specific dimmers		
Mechanical and housing			
Bulb Finish	Clear		
Bulb Shape	AR111		
Approval and application			
Energy Efficiency Class	G		
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	15 kWh		
EPREL Registration Number	648253		

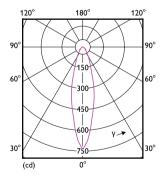
Product data		
Full product code	871951433387100	
Order product name	MAS ExpertColor 14.8-75W 940 AR111 24D	
EAN/UPC - Product	8719514333871	
Order code	929003043002	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material Nr. (12NC)	929003043002	
Net Weight (Piece)	0.160 kg	

Dimensional drawing

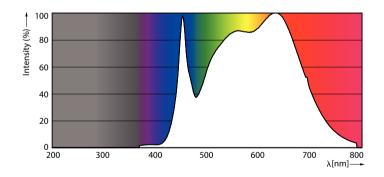


Product	D	С
MAS ExpertColor 14.8-75W 940 AR111 24D	111 mm	61 mm

Photometric data



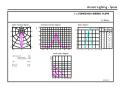




LEDspots MAS SLR 14,8W AR111 G53 940 24D-POC POC

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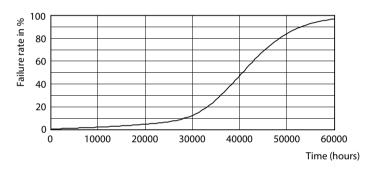
Photometric data

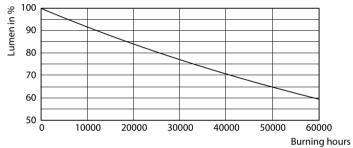


Calculati Photometrics 4.5 Philips Lighting B.V. Rago: 171

LEDspots MAS SLR 14,8W AR111 G53 940 24D-ADL ADL

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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