Lighting

PHILIPS



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 14.8-75W 940 AR111 45D

The MASTER LEDspot LV ExpertColor creates a warm and comfortable ambience for hospitality venues, homes and restaurants. It creates ambience with superior lighting that has a customised spectrum, high CRI and deep dimming features. The result? A beautiful lighting experience. What's more, the innovative, trimless lens design will also 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 LV and LEDspot Par lamps.

Product data

General Information		
Cap base	G53 [G53]	
EU RoHS compliant	Yes	
Nominal lifetime (nom.)	40000 h	
Switching cycle	50,000X	
	Narrow Cone	
Light Technical		
Colour Code	940 [CCT of 4,000 K]	
Beam Angle (Nom)	45 °	
Luminous flux (nom.)	950 lm	
Luminous intensity (nom.)	1400 cd	
Colour designation	Cool White (CW)	
Correlated Colour Temperature (Nom)	4000 K	
Luminous efficacy (rated) (nom.)	64.00 lm/W	
Colour consistency	<4	
Colour 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 (Rated) (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 ℃	
Controls and Dimming		
Dimmable	Only with specific dimmers	

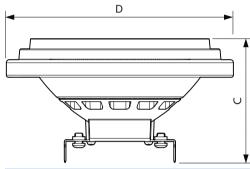


MASTER LEDspot ExpertColor AR111

Mechanical and Housing		
Lamp Finish	Clear	
Bulb shape	AR111	
Approval and Application		
Energy Efficiency Class	G	
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	15 kWh	
	648243	
Product Data		
Full product code	871951433389500	

Order product name	MAS ExpertColor 14.8-75W 940 AR111 45D	
EAN/UPC – product	8719514333895	
Order code	33389500	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	929003043102	
SAP net weight (piece)	0.160 kg	

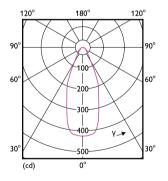
Dimensional drawing



Product	D	с
MAS ExpertColor 14.8-75W 940 AR111 45D	111 mm	61 mm

EC AR111 12V 15-75W 900lm 45D 4000K GU53

Photometric data



LEDspots MAS SLR 14,8W AR111 G53 940 45D-LDD LDD

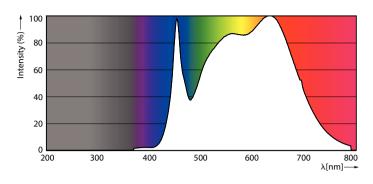
	Accent Lighting - Spots
	1 x 9200030431 40000X 14.8W
	1 x 700 be

Philips Lighting &

LEDspots MAS SLR 14,8W AR111 G53 940 45D-ADL ADL

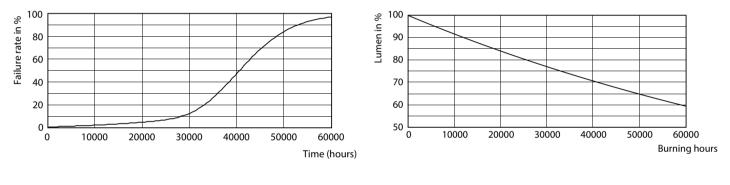
MASTER LEDspot ExpertColor AR111

Photometric data



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

Lifetime



LEDspots LED 40K

LEDspots LMP 40K



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www.lighting.philips.com 2021, October 7 - data subject to change