PHILIPS Lighting



MASTER LEDspot ExpertColor AR111

MAS ExpertColor 14.8-75W 940 AR111 45D

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)	45 degree(s)			
Luminous Flux	950 lumen			
Luminous Intensity (Nom)	1,400 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 %			

	0501		
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		
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	648,243		
CE mark	Yes		
EU RoHS compliant	Yes		

Product Data			
Full product code	871951433389500		
Order product name	MAS ExpertColor 14.8-75W 940 AR111 45D		
Order code	929003043102		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	6		
Material number (12NC)	929003043102		
Full product name	MAS ExpertColor 14.8-75W 940 AR111 45D		
EAN/UPC - Case	8719514333901		

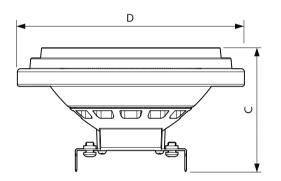
D

111 mm

с

61 mm

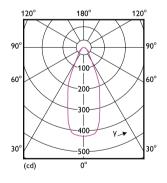
Dimensional drawing



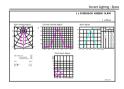
MAS ExpertColor 14.8-75W 940 AR111 45D

Product

Photometric data

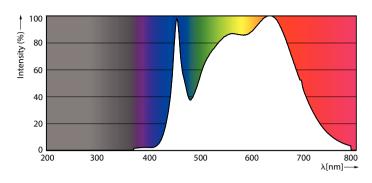


Light Distribution Diagram - MAS ExpertColor 14.8-75W 940 AR111 45D



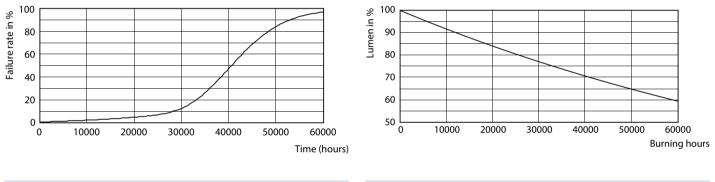
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Photometric data



Spectral Power Distribution Colour - MAS ExpertColor 14.8-75W 940 AR111 45D

Lifetime



Life Expectancy Diagram - MAS ExpertColor 14.8-75W 940 AR111 45D

Lumen Maintenance Diagram - MAS ExpertColor 14.8-75W 940 AR111 45D



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