

PHILIPS**Lighting**

MASTER LEDspot ExpertColor AR111



MAS ExpertColor 14.8-75W 927 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

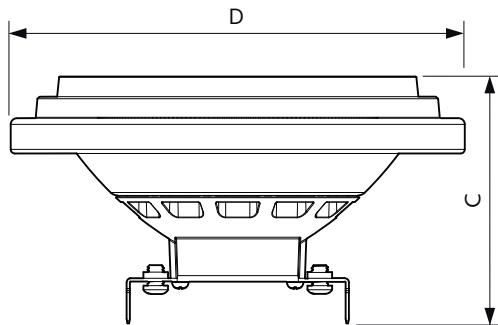
General Information	
Cap base	G53
Nominal lifetime	40,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Colour Code	927 [CCT of 2700K]
Beam angle (nom.)	45 degree(s)
Luminous Flux	875 lm
Luminous intensity (nom.)	1,200 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	59 lm/W
Colour consistency	<4
Colour rendering index (CRI)	
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	875 lm
Photobiological safety according to EN 62471	RG1
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

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Temperature	
T-Case maximum (nom.)	85 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
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
EPREL registration number	648259
EyeComfort	Yes

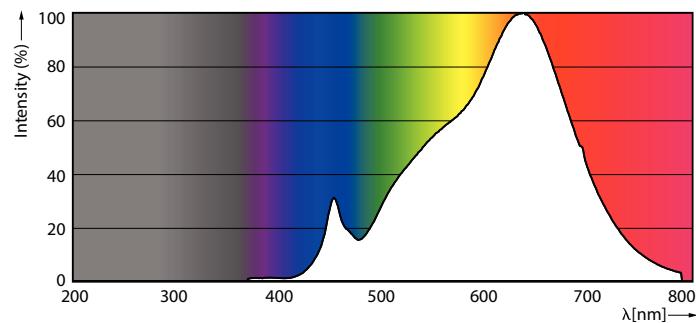
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS ExpertColor 14.8-75W 927 AR111 45D
Full product name	MAS ExpertColor 14.8-75W 927 AR111 45D
Full EOC	871951433381900
Order code	33381900
Material no. (12 NC)	929003042702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514333819
Numerator – packs per outer box	6
EAN/UPC – Case	8719514333826

Dimensional drawing

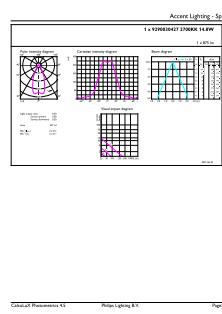


Product	D	C
MAS ExpertColor 14.8-75W 927 AR111 45D	111 mm	61 mm

Photometric data



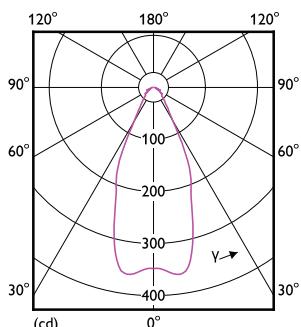
Spectral Power Distribution Colour - MAS ExpertColor 14.8-75W 927 AR111 45D



Accent Lighting Spots - MAS ExpertColor 14.8-75W 927 AR111 45D

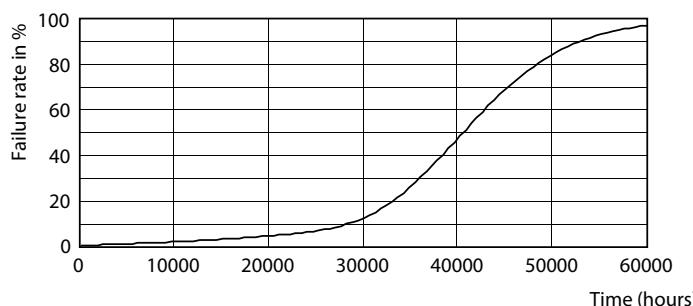
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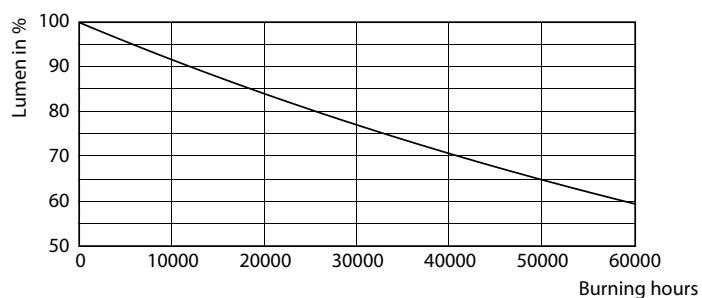


Light Distribution Diagram - MAS ExpertColor 14.8-75W 927 AR111 45D

Lifetime



Life Expectancy Diagram - MAS ExpertColor 14.8-75W 927 AR111 45D



Lumen Maintenance Diagram - MAS ExpertColor 14.8-75W 927 AR111 45D

