# **PHILIPS** Lighting



## MASTER LEDspot LV AR111

### MASLEDExpertColor 14.5-75W 927 AR111 40D

With its new perfect-fit design, the Master LEDspot LV AR111 now works with most of G53 luminaires as a true retrofit solution. The lamp creates a brilliant visual effect for retail and hospitality applications such as shops, showrooms and galleries. The high quality light brings out the true colors in merchandise and emphasizes its beauty. It also lasts long, with a strong lumen and color maintenance. The beautifully designed lamp offers a well-defined beam with a multitude of beam angles to suit various applications. Not only does it employ the Philips patented solution to ensure it is compatible with a broad selection of standard 12V halogen electronic transformers, it also delivers high beam intensity which equivalent to halogen AR111 spots of 50W, 75W or 100W.

#### **Product data**

General information	
Cap-Base	G53 [ G53]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Light technical	
Color Code	927 [ CCT of 2700K]
Beam Angle (Nom)	40 °
Luminous Flux (Nom)	950 lm
Luminous Intensity (Nom)	1400 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 К
Luminous Efficacy (rated) (Nom)	65.00 lm/W
Color Consistency	<4

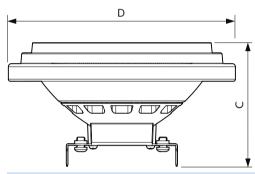
Color Rendering Index (Nom)	97
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	- Hz
Power (Nom)	14.5 W
Lamp Current (Nom)	1800 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7
Voltage (Nom)	ac electronic 12 V

#### **MASTER LEDspot LV AR111**

Temperature		
T-Case Maximum (Nom)	74 °C	
Controls and dimming		
Dimmable	Only with specific dimmers	
Mechanical and housing		
Bulb Shape	AR111	
Approval and application		
Suitable For Accent Lighting	Yes	

Product data	
Full product code	871951428449400
Order product name	MASLEDExpertColor 14.5-75W 927 AR111 40D
EAN/UPC - Product	8719514284494
Order code	929002239368
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002239368
Net Weight (Piece)	0.016 kg

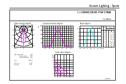
#### Dimensional drawing



MASLEDExpertColor 14.5-75W 927 AR111 40D	111 mm	62 mm

#### MASLEDExpertColor 14.5-75W 927 AR111 40D

#### Photometric data



Intensity (%) -80 60 40 20 0 200 300 500 400 600 700 800 λ[nm]—►

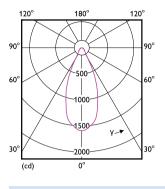
LEDspots 75W G53 AR111 927 40D

LEDspots 75W G53 AR111 927

t 100

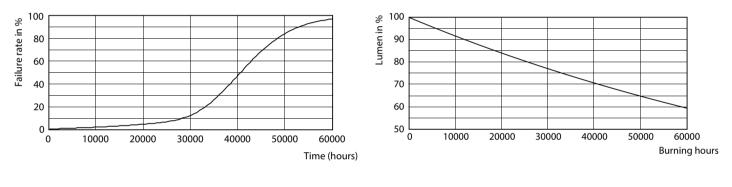
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#### Photometric data



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#### Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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