PHILIPS

Lighting



MASTER LEDspot LV AR111

MAS LEDspotLV D 15-75W 927 AR111 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV AR111 is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums. The robustly designed MASTER LEDspot LV AR111 offers various beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. MASTER LEDspot LV AR111 delivers huge energy savings and minimises maintenance cost without any reduction in brightness.

Product data

General Information	
Cap base	G53 [G53]
Nominal lifetime (nom.)	40000 h
Switching cycle	50000X
Technical type	15-75W

Light Technical	
Colour Code	927
Technical Beam Angle (Nom)	24 °
Lamp Luminous Flux 25°C EL (Nom)	830 lm
Luminous intensity (nom.)	3900 cd
Colour Designation	Warm white (WW)
Colour Temperature, horizontal (Nom)	2700 K
Lamp Luminous Efficacy EM (Nom)	55.33 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux in 90° Cone (Rated)	760 lm

Operating and Electrical	
Power (Rated) (Nom)	15 W
Lamp current (nom.)	1800 mA
Wattage equivalent	75 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	instant full light
Power factor (nom.)	0.7
Voltage (Nom)	12 V

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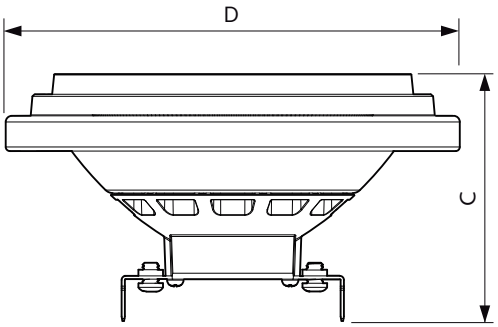
Temperature	
T-Case maximum (nom.)	74 °C

Controls and Dimming	
Dimmable	yes

Approval and Application	
Energy efficiency label (EEL)	A
Suitable for accent lighting	Yes
Energy Consumption kWh/1000 h	16 kWh

Product Data	
Full product code	871869651516700
Order product name	MAS LEDspotLV D 15-75W 927 AR111 24D
EAN/UPC – product	8718696515167
Order code	929001170208
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929001170208
Net weight (piece)	0.360 kg

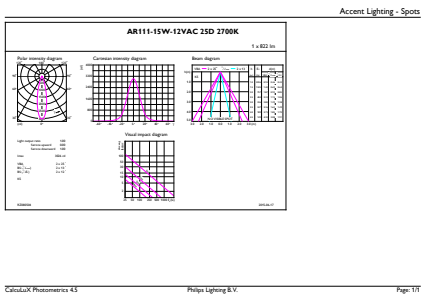
Dimensional drawing

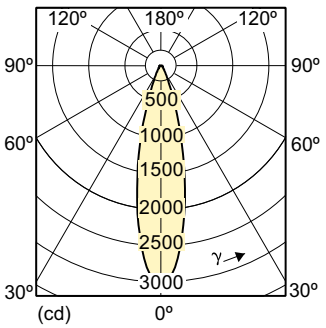


Product	D	C
MAS LEDspotLV D 15-75W 927 AR111 24D	111 mm	62 mm

LED D 15-75W 927 AR111 24D

Photometric data

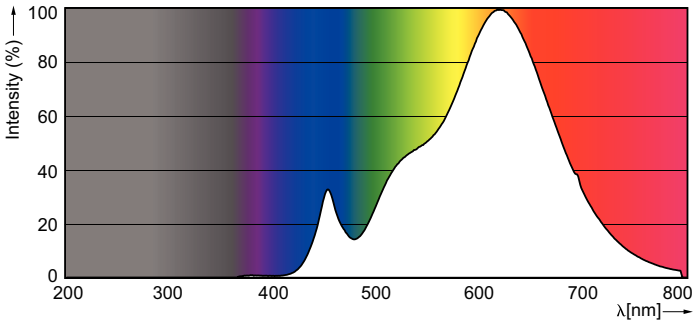




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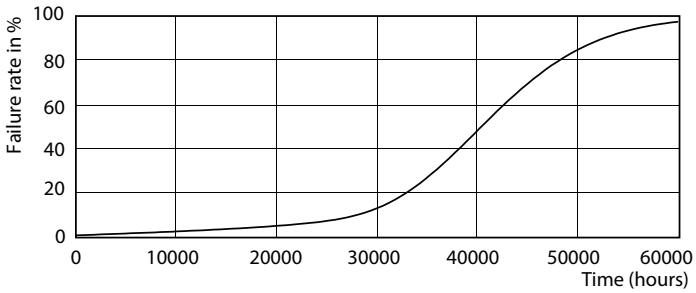
MASTER LEDspot LV AR111

Photometric data

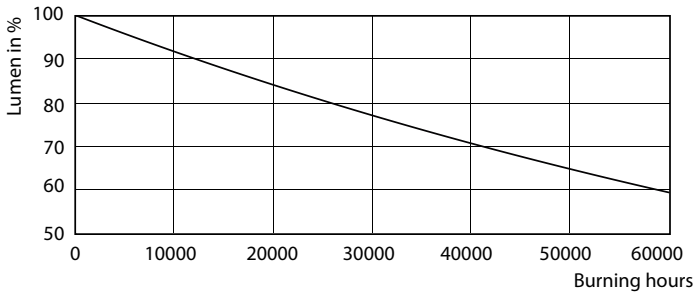


SDPO_LEDspotL_0027-Spectral Power distribution

Lifetime



MASTER LEDspotLV AR111 75W G53 940 40D



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