

MASTER LEDspot LV AR111

MAS LEDspotLV D 20-100W 830 AR111 40D

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.)	25000 h
Switching cycle	50000X
Technical type	20-100W

Light Technical	
Beam Angle (Nom)	40 °
Light distribution	40D [Medium beam]
Luminous flux (nom.)	1180 lm
Luminous flux (rated) (nom.)	1180 lm
Luminous intensity (nom.)	2350 cd

Colour designation	White (WH)
Rated beam angle	40 °
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	59.00 lm/W
Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Luminous Flux In 90° Cone (Rated)	1180 lm

Operating and Electrical	
Power (Rated) (Nom)	20 W
Lamp current (nom.)	2400 mA

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Wattage equivalent	100 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	12 V

Temperature

T-Case maximum (nom.)	80 °C

Controls and Dimming

Dimmable	yes

Approval and Application

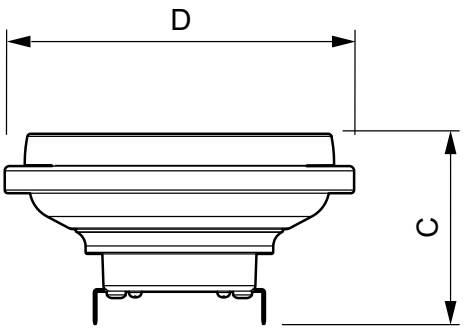
Suitable for accent lighting	Yes

Energy efficiency label (EEL)	A
Energy Consumption kWh/1000 h	22 kWh

Product Data

Full product code	871869670747000
Order product name	MAS LEDspotLV D 20-100W 830 AR111 40D
EAN/UPC – product	8718696707470
Order code	70747000
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929001171202
Net weight (piece)	0.160 kg

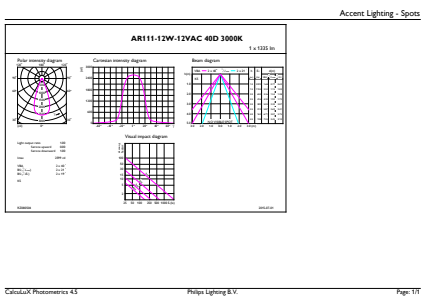
Dimensional drawing

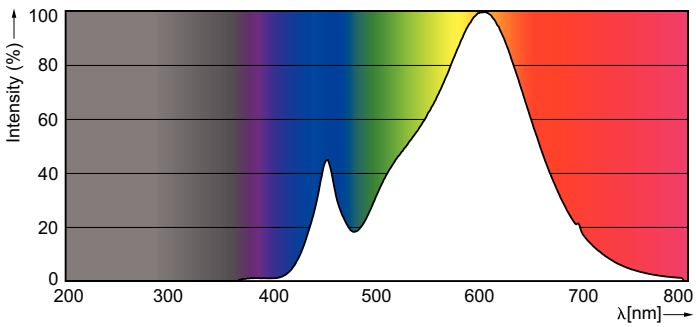


Product	D	C
MAS LEDspotLV D 20-100W 830 AR111 40D	111 mm	62 mm

LED D 20-100W 830 AR111 40D

Photometric data





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www.lighting.philips.com
2017, May 17 - data subject to change