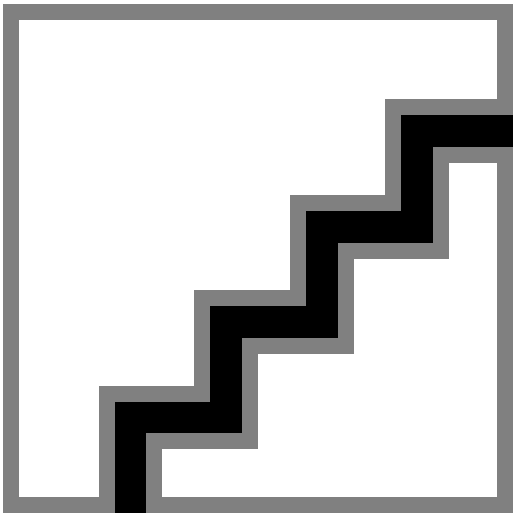


MASTER LEDspot LV AR111

MAS LEDspotLV D 20-100W 830 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 minimizes 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	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	24 °
Light Distribution	Medium beam 25°
Luminous Flux (Nom)	1200 lm
Luminous Flux (Rated) (Nom)	1200 lm
Luminous Intensity (Nom)	6000 cd
Color Designation	White (WH)
Rated Beam Angle	24 °
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	60.00 lm/W
Color Consistency	<3
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	1200 lm

Operating and Electrical	
Power (Rated) (Nom)	20 W

MASTER LEDspot LV AR111

Lamp Current (Nom)	2400 mA
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

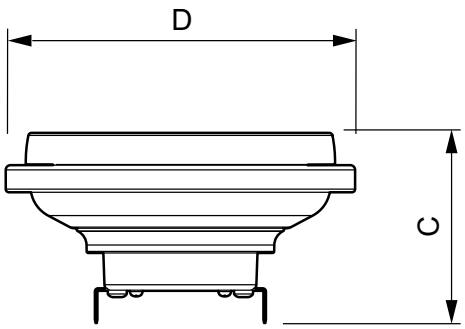
Suitable For Accent Lighting	Yes

Energy Efficiency Label (EEL)	A
Energy Consumption kWh/1000 h	22 kWh

Product Data

Full product code	871869670743200
Order product name	MAS LEDspotLV D 20-100W 830 AR111 24D
EAN/UPC - Product	8718696707432
Order code	929001170902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001170902
Net Weight (Piece)	0.160 kg

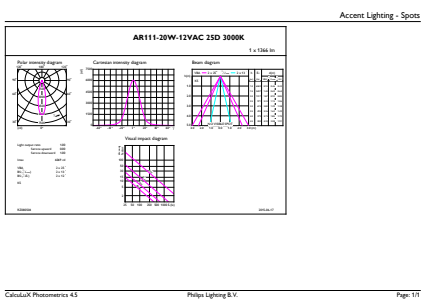
Dimensional drawing

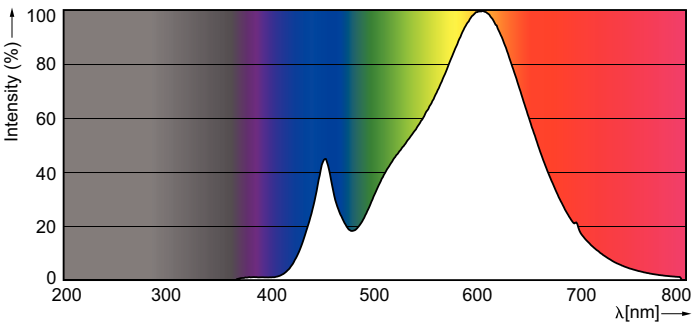


MAS LEDspot LV D 20-100W 830 AR111 24D

Product	D	C
MAS LEDspotLV D 20-100W 830 AR111 24D	111 mm	62 mm

Photometric data





20-100W AR111 /830



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www.lighting.philips.com
2017, May 26 - data subject to change