



MASTER LEDspot LV AR111

MAS LEDspotLV D 20-100W 827 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

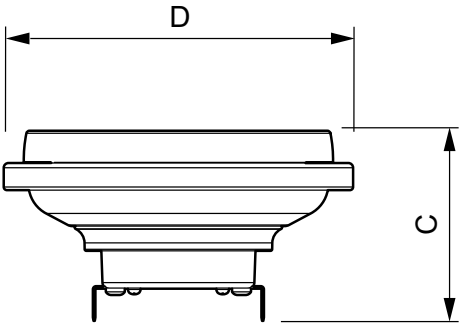
General Information			
Cap base	G53 [G53]	Rated beam angle	40 °
Nominal lifetime (nom.)	25000 h	Correlated colour temperature (nom.)	2700 K
Switching cycle	50000X	Luminous efficacy (rated) (nom.)	58.00 lm/W
Technical type	20-100W	Color rendering index (nom.)	80
		LLMF at end of nominal lifetime (nom.)	70 %
		Luminous Flux In 90° Cone (Rated)	1160 lm
Light Technical		Operating and Electrical	
Beam Angle (Nom)	40 °	Power (Rated) (Nom)	20 W
Luminous flux (nom.)	1160 lm	Lamp current (nom.)	2400 mA
Luminous flux (rated) (nom.)	1160 lm	Wattage equivalent	100 W
Luminous intensity (nom.)	2300 cd	Starting time (nom.)	0.5 s
Colour designation	Warm white (WW)		

MASTER LEDspot LV AR111

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	871869670745600
Order product name	MAS LEDspotLV D 20-100W 827 AR111 40D
EAN/UPC – product	8718696707456
Order code	70745600
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929001171102
Net weight (piece)	0.160 kg

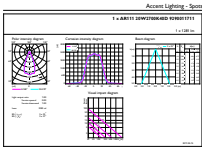
Dimensional drawing



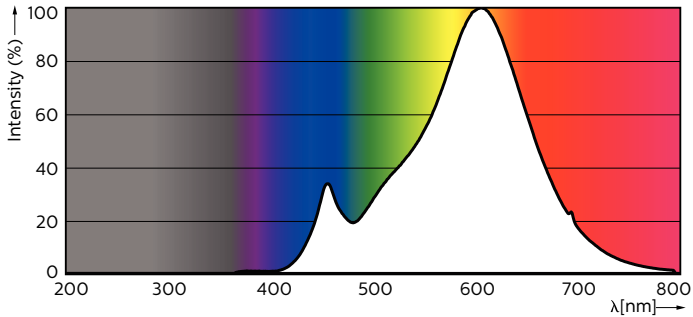
MAS LEDspot LV D 20-100W 827 AR111 40D

Product	D	C
MAS LEDspotLV D 20-100W 827 AR111 40D	111 mm	62 mm

Photometric data



General Information 4.1 Photometric Data 4.1 Page 117



MASTER LEDspotLV AR111 100W G53 827 40D

MASTER LEDspot LV AR111

