



MASTER LEDspot LV AR111

MAS LED SpotLV 20-100W 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 minimizes maintenance cost without any reduction in brightness.

Product data

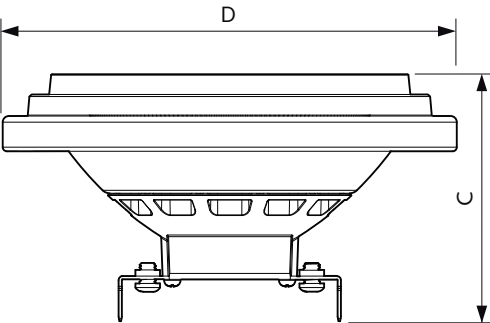
General Information		Operating and Electrical	
Cap-Base	G53 [G53]	Luminous Efficacy (rated) (Nom)	60.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<4
Switching Cycle	50,000	Color rendering index (CRI)	91
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes		
Light Technical		Line Frequency	- Hz
Color Code	927	Input Frequency	- Hz
Beam Angle (Nom)	24 degree(s)	Power Consumption	20 W
Luminous Flux	1,200 lm	Lamp Current (Nom)	2,400 mA
Luminous Intensity (Nom)	4,000 cd	Wattage Equivalent	100 W
Color Designation	Warm White (WW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	2700 K	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.7

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Voltage (Nom)	ac electronic 12 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	AR111
Approval and Application	
Suitable For Accent Lighting	Yes

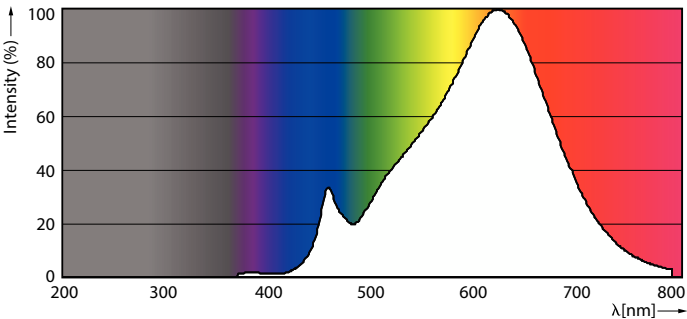
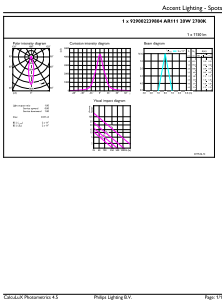
Energy Consumption kWh/1000 h	22 kWh
Product Data	
Order product name	MAS LED SpotLV 20-100W 927 AR111 24D
Full product name	MAS LED SpotLV 20-100W 927 AR111 24D
Full product code	871869969071700
Order code	69071700
Material Nr. (12NC)	929002239808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699690717
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699690724

Dimensional drawing



Product	D	C
MAS LED SpotLV 20-100W 927 AR111 24D	111 mm	62 mm

Photometric data

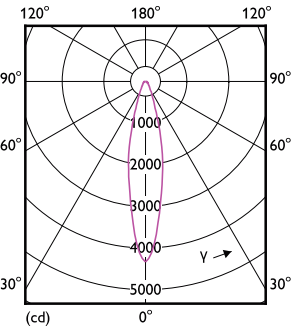


Accent Lighting Spots - MAS LED SpotLV 20-100W 927 AR111 24D

Spectral Power Distribution Colour - MAS LED SpotLV 20-100W 927 AR111 24D

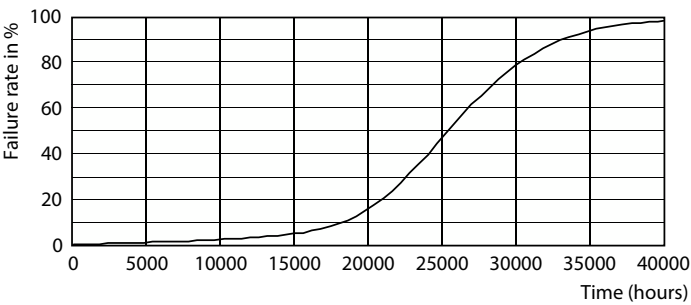
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Photometric data

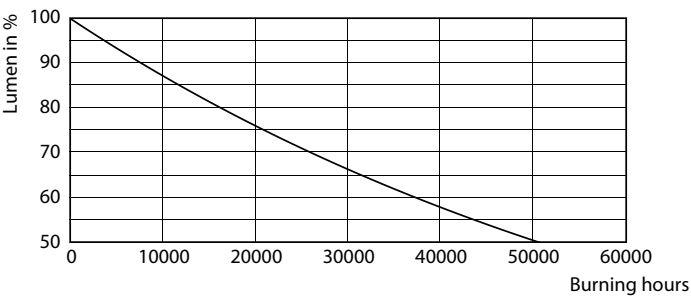


Light Distribution Diagram - MAS LED SpotLV 20-100W 927 AR111 24D

Lifetime



Life Expectancy Diagram - MAS LED SpotLV 20-100W 927 AR111 24D



Lumen Maintenance Diagram - MAS LED SpotLV 20-100W 927 AR111 24D

