



# MASTER LEDspot LV AR111

## MAS LED SpotLV 20-100W 940 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 minimizes maintenance cost without any reduction in brightness.

### Product data

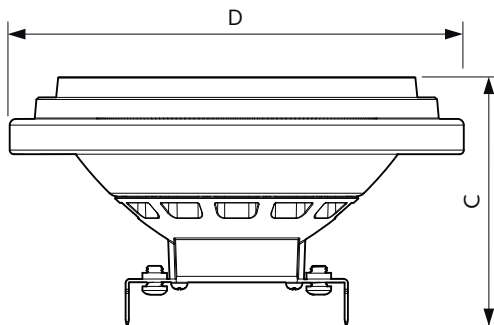
General Information		Luminous Efficacy (rated) (Nom)		67.00 lm/W
Cap-Base	G53 [G53]	Color Consistency	<4	
Nominal lifetime	25,000 hour(s)	Color rendering index (CRI)	91	
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %	
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical		Operating and Electrical		
Color Code	940 [CCT of 4000K]	Line Frequency	- Hz	
Beam Angle (Nom)	40 degree(s)	Input Frequency	- Hz	
Luminous Flux	1,350 lumen	Power Consumption	20 W	
Luminous Intensity (Nom)	2,200 cd	Lamp Current (Nom)	2,400 mA	
Color Designation	Cool White (CW)	Wattage Equivalent	100 W	
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s	
		Warm-up time to 60% light	0.5 s	
		Power Factor (Fraction)	0.7	

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<b>Voltage (Nom)</b>	ac electronic 12 V
<b>Temperature</b>	
<b>T-Case Maximum (Nom)</b>	80 °C
<b>Controls and Dimming</b>	
<b>Dimmable</b>	Yes
<b>Mechanical and Housing</b>	
<b>Bulb Shape</b>	AR111
<b>Approval and Application</b>	
<b>Suitable For Accent Lighting</b>	Yes

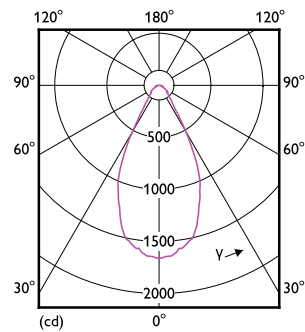
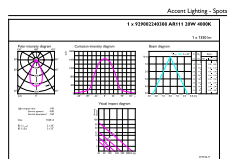
<b>Energy Consumption kWh/1000 h</b>	22 kWh
<b>Product Data</b>	
<b>Full product code</b>	871869969081600
<b>Order product name</b>	MAS LED SpotLV 20-100W 940 AR111 40D
<b>Order code</b>	69081600
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	6
<b>Material Nr. (12NC)</b>	929002240308
<b>Full product name</b>	MAS LED SpotLV 20-100W 940 AR111 40D
<b>EAN/UPC - Case</b>	8718699690823

## Dimensional drawing



Product	D	C
MAS LED SpotLV 20-100W 940 AR111 40D	111 mm	62 mm

## Photometric data

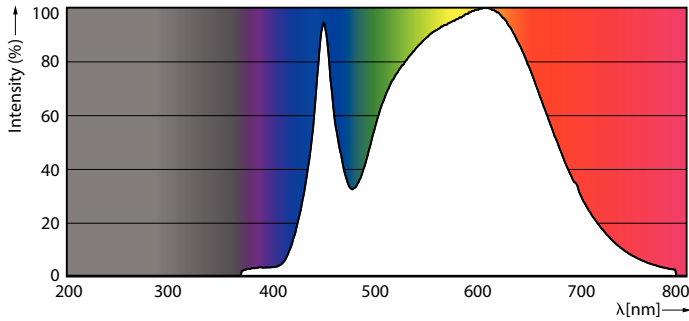


Accent Lighting Spots - MAS LED SpotLV 20-100W 940 AR111 40D

Light Distribution Diagram - MAS LED SpotLV 20-100W 940 AR111 40D

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## Photometric data



Spectral Power Distribution Colour - MAS LED SpotLV 20-100W 940 AR111 40D

## Lifetime



Life Expectancy Diagram - MAS LED SpotLV 20-100W 940 AR111 40D



Lumen Maintenance Diagram - MAS LED SpotLV 20-100W 940 AR111 40D

