# **PHILIPS** Lighting



## MASTER LEDspot LV AR111

### MAS LEDspotLV D 20-100W 940 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 minimises maintenance cost without any reduction in brightness.

#### **Product data**

EU RoHS compliant Ye   Nominal lifetime (nom.) 25   Switching cycle 50   Technical type 20   Light Technical	8 [ G53] 5 2000 h 000X 100W
EU RoHS compliant Ye   Nominal lifetime (nom.) 25i   Switching cycle 50i   Technical type 20i   Light Technical 20i   Colour Code 94i	000 h 000 x
Nominal lifetime (nom.) 250   Switching cycle 50   Technical type 20   Light Technical 20   Colour Code 94	000 h 000X
Switching cycle 50   Technical type 20   Light Technical   Colour Code 94	000X
Technical type 20   Light Technical   Colour Code 94	
Light Technical Colour Code 94	100W
Colour Code 94	
Colour Code 94	
Beam Angle (Nom) 24	D [ CCT of 4,000 K]
	>
Luminous flux (nom.) 125	0 lm
Luminous intensity (nom.) 40	00 cd
Colour designation Co	
	ol White (CW)
Luminous flux (nom.) 125   Luminous intensity (nom.) 40	0 lm

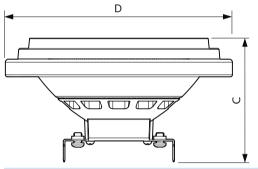
Luminous efficacy (rated) (nom.)	62.00 lm/W
Colour consistency	<4
Colour rendering index (nom.)	91
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	1250 lm
Operating and Electrical	
Input frequency	- Hz
Power (Rated) (Nom)	20 W
Lamp current (nom.)	2400 mA
Wattage equivalent	100 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7

#### **MASTER LEDspot LV AR111**

Voltage (Nom)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy efficiency label (EEL)	A
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	22 kWh
Energy consumption kWh/1,000 hours	22 kWh

Product Data		
Full product code	871869970519000	
Order product name	MAS LEDspotLV D 20-100W 940 AR111 24D	
EAN/UPC – product	8718699705190	
Order code	70519000	
Numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	929002050702	
SAP net weight (piece)	0.160 kg	

#### Dimensional drawing



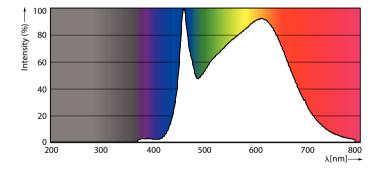
MAS LEDspotLV D 20-100W 940 AR111 24D	111 mm 62 mm

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MAS LEDspotLV D 20-100W 940 AR111 24D

#### Photometric data



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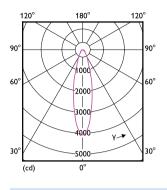
Product

LEDspots 100W G53 AR111 940

LEDspots 100W G53 AR111 940 24D

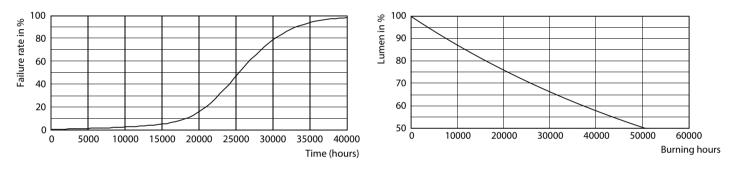
#### **MASTER LEDspot LV AR111**

#### Photometric data



LEDspots 100W G53 AR111 940 24D

#### Lifetime



LEDspots LED 25K

LEDspots LMP 25K



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