



MASTER LEDspot LV AR111

MAS LED ExpertColor 11-50W 930 AR111 8D

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

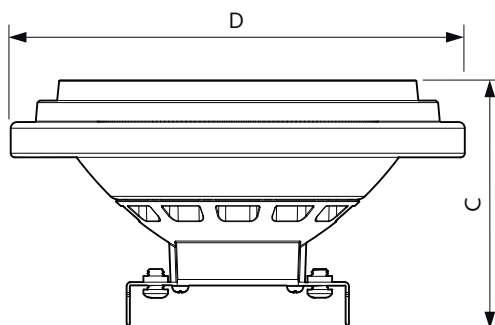
General Information			
Cap base	G53 [G53]	Luminous efficacy (rated) (nom.)	56.00 lm/W
Nominal lifetime	40,000 h	Colour consistency	<4
Switching Cycle	50,000	Colour rendering index (CRI)	97
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	70 %
EU RoHS compliant	Yes	Luminous flux in 90° cone (rated)	620 lm
Light Technical		Operating and Electrical	
Colour Code	930 [CCT of 3000K]	Line Frequency	- Hz
Beam angle (nom.)	8 degree(s)	Input frequency	- Hz
Luminous Flux	620 lm	Power Consumption	11 W
Luminous intensity (nom.)	8,000 cd	Lamp current (nom.)	1,300 mA
Colour designation	White (WH)	Wattage equivalent	50 W
Correlated Colour Temperature	3000 K	Starting time (nom.)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.7
Voltage (nom.)	ac electronic 12 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	AR111
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	13 kWh

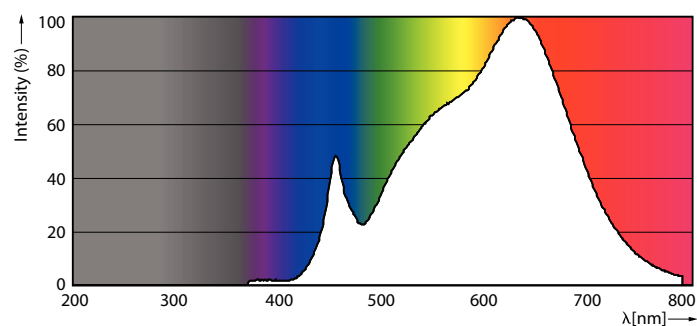
EyeComfort	Yes
Product Data	
Order product name	MAS LED ExpertColor 11-50W 930 AR111 8D
Full product name	MAS LED ExpertColor 11-50W 930 AR111 8D
Full EOC	871869969103500
Order code	69103500
Material no. (12 NC)	929002238502
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699691035
Numerator – packs per outer box	6
EAN/UPC - Case	8718699691042

Dimensional drawing

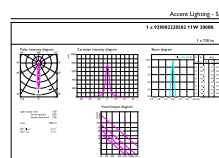


Product	D	C
MAS LED ExpertColor 11-50W 930 AR111 8D	111 mm	62 mm

Photometric data



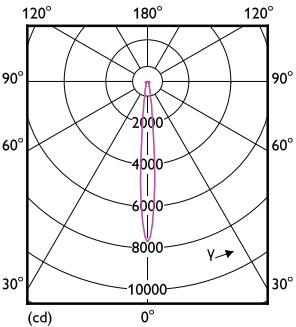
Spectral Power Distribution Colour - MAS LED ExpertColor 11-50W 930 AR111 8D



General uniform lighting - MAS LED ExpertColor 11-50W 930 AR111 8D

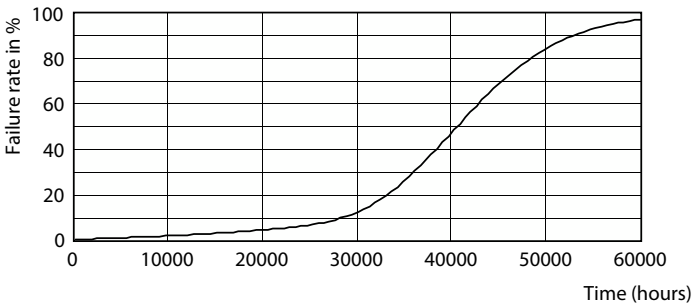
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Photometric data

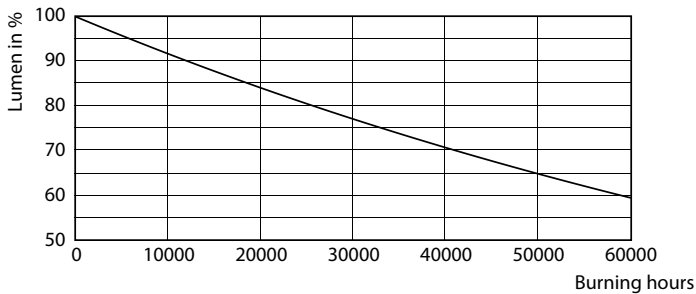


Light Distribution Diagram - MAS LED ExpertColor 11-50W 930 AR111 8D

Lifetime



Life Expectancy Diagram - MAS LED ExpertColor 11-50W 930 AR111 8D



Lumen Maintenance Diagram - MAS LED ExpertColor 11-50W 930 AR111 8D

