



AR111 LED

16AR111/LED/930/F25 DIM 12V 6/1

Delivering a warm, halogen-like accent beam, the AR111 LED 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

Cap-Base	G53 [G53]
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
Technical Type	15-75W

Light Technical

Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	25 °
Light Distribution	25D [Medium beam]
Initial lumen (Nom)	780 lm
Luminous Flux (Rated) (Nom)	780 lm
Luminous Intensity (Nom)	4000 cd
Color Designation	White (WH)
Rated Beam Angle	25 °

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	52.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux In 90° Cone (Rated)	780 lm

Operating and Electrical

Power (Rated) (Nom)	15 W
Lamp Current (Nom)	1800 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.7

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Voltage (Nom)	12 V
Temperature	
T-Case Maximum (Nom)	74 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Efficiency Label (EEL)	Not applicable
Energy Consumption kWh/1000 h	- kWh

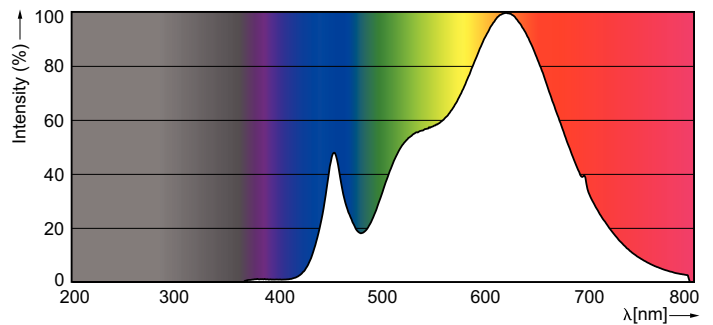
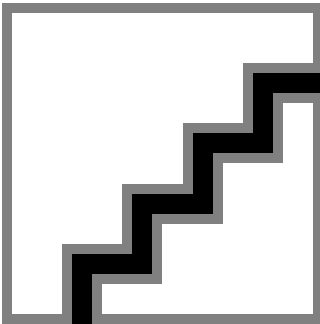
Product Data	
Order product name	16AR111/LED/930/F25 DIM 12V FB 1PK 6/1
EAN/UPC - Product	046677458553
Order code	458554
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001170304
Net Weight (Piece)	0.160 kg

Dimensional drawing

Product	D	C
16AR111/LED/930/F25 DIM 12V FB 1PK 6/1	111 mm	62 mm

LED D 15-75W 930 AR111 24D

Photometric data



15-75W AR111 /930

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