



Look. Performance. Confidence.

Catalog Number
Notes
Type



S-SERIES LED Lamps ALSAR111

AR 111 LED Lamp

SPECIFICATION GRADE
GU10 & G53 Base



FEATURES & SPECIFICATIONS

INTENDED USE

Accent lighting applications where color, extended lamp life and efficacy are important.

CONSTRUCTION

Housing: High quality, cast aluminum, advanced thermal design for optimal cooling efficiency.

Optics: Optimally engineered specular faceted reflector for efficient distribution.

EXPECTED LIFE

50,000 hours.

Max. Luminous Intensity: 3600cd (530L); 1400cd (570L); 16,000cd (450L)

LUMEN OUTPUT

450L; 530L; 570L

Operating Temperature: -22°F to 104 °F (-30 °C to +40 °C)

Color Temperature (CRI): 2800K (85CRI); 4000K (92CRI)

High Spectral Content: R9=75 (94CRI)

ELECTRICAL SYSTEM

Uses High Brightness LED mounted to efficient thermal transfer system.

GU10 base - 15-watt high efficiency integral driver 110-120VAC.

G53 base - 11-watt high efficiency integral driver 12V AC/DC.

Actual wattage may differ by +10%/-15% when operating between 110-120V +/- 10%.

LISTING

UL and C-UL Listed to U.S. and Canadian safety requirements.

Suitable for use in totally enclosed fixtures per UL1993.

WARRANTY

Five-year limited warranty. Complete warranty terms located at:

http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

DIMENSIONS

Diameter: 4-3/8"

Length: 2-1/2"

Weight: 0.4 lbs

All dimensions are inches.

Note: Specifications subject to change without notice. Actual performance may differ as a result of end-user environment and application.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: ALSAR111 450L

LED LAMP				
Series	Lumen output ^{1/} Beam Angle	Color temperature	Base	Options
ALSAR111 AR 111 LED Lamp	450L 450 lumens / 8 degrees	(blank) 2800K	(blank) GU10 base	R9 High R9 spectral content ³
	530L 530 lumens / 24 degrees	40K 4000K	G53 G53 base ²	
	570L 570 lumens / 45 degrees			

Notes

1. Total system delivered lumens.
2. G53 base only available with R9 option.
3. R9 option only available with G53 base.

See page 2 for Photometric Data Page 1 of 2



ALSAR111 — AR 111 LED Lamp

SPECIFICATION GRADE

PHOTOMETRICS

acculamp

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **545**
Watts **15.6**
Lumens per Watt (Efficacy) **34**

Color Accuracy **85**
Color Rendering Index (CRI)

Light Color **2951 (Warm White)**
Correlated Color Temperature (CCT)

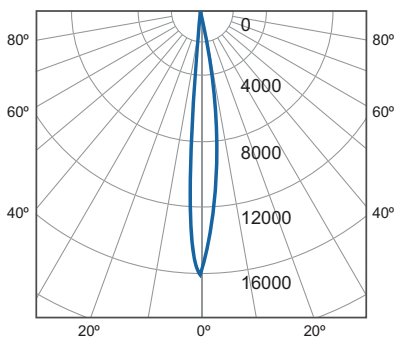
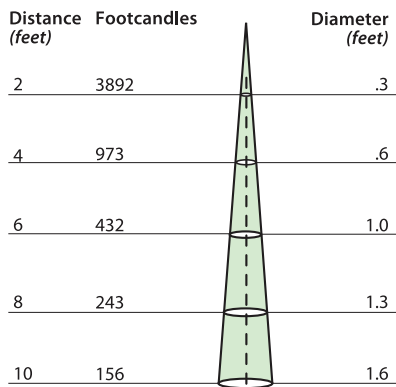
Warm White
 Bright White
 Daylight
2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

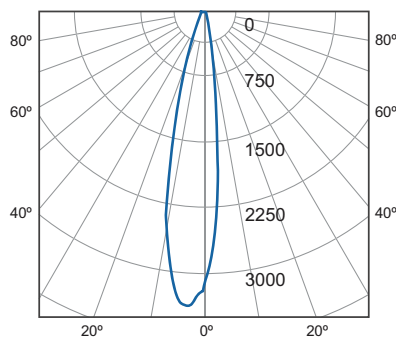
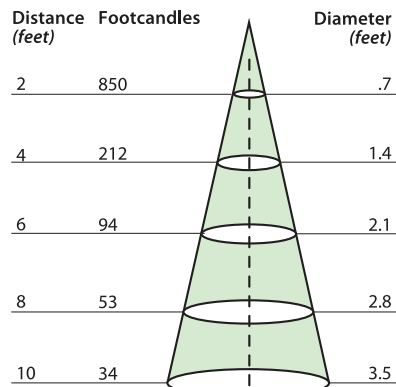
 Visit www.lightingfacts.com for the Label Reference Guide.

 Registration Number: NJSM-17282D (Revised 9/20/2011)
 Model Number: ALSAR111 530L
 Type: Replacement Lamp - Directional (Other)

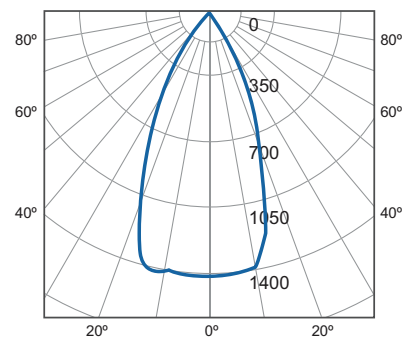
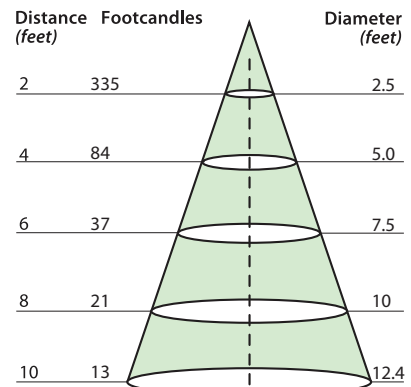
AR 111 450L 8° Beam Angle



AR 111 530L 24° Beam Angle



AR 111 570L 45° Beam Angle



Replacement Chart

	ALSAR111 LED			Halogen		
Product	ALSAR111 450L	ALSAR111 530L	ALSAR111 570L			
Lumens	450	530	570			
Watts	11W/15W ¹	11W/15W ¹	11W/15W ¹	35W	50W	50W
Beam Spread	8	24	45	24	8	24
Candela	16000	3600	1400	2500	23000	4000
CCT	2800K/4000K	2800K/4000K	2800K/4000K	3000K	2850K	3000K
CRI	85/92	85/92	85/92			
Life	50,000 hours			3,000 hours		

Notes

1. Wattage differs with base type.



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