



Look. Performance. Confidence.

Catalog Number
Notes
Type



S-SERIES LED Lamps

ALSMR16

MR16 LED Lamp

SPECIFICATION GRADE



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 - L70 lumen depreciation design criteria.

RATED LIFE

25,000 hours - L70 after 6000 hours, initial ENERGY STAR® qualification tested.

Max. Luminous Intensity: 140L - 650cd (24°); 240L - 1300cd (24°), 500cd (36°); 400L - 1600cd (24°), 800cd (36°)

LUMEN OUTPUT

140, 240 and 400 lumens

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

Color Temperature (CRI): 140L - 3000K/4000K (80CRI); 240L - 3000K (82CRI), 4000K (85CRI); 400L - 2700K (82CRI), 4000K (85CRI)

ELECTRICAL SYSTEM

Uses High Brightness LED.

4-watt (140L), 6-watt (240L), 8-watt (400L) AC/DC 12V

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

Dimmable down to 10% for 400L lamp. Complete dimmer compatibility located at: <http://www.acuitybrandslighting.com/library/AL/documents/OtherDocuments/DimmerCompatibilityChart.pdf>

LISTING

UL and C-UL Listed to U.S. and Canadian safety requirements. Damp location listed. Tested in accordance with IESNA LM-79 standards.

Suitable for use in totally enclosed fixtures per UL1993.

ENERGY STAR® qualified for 140L lamp.

WARRANTY

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

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

DIMENSIONS

Diameter: 1.97"

Length: 1.75" (140L); 1.94" (240L); 2.06" (400L)

Weight: 0.11 lbs. (140L); .13 lbs. (240L and 400L)

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: ALSMR16 400L DIM

LED LAMP								
Series	Lumen output ¹	Beam Angle	Color temperature	Base	Dimming			
ALSMR16 MR 16 LED Lamp	140L 4W, 140 lumens ²	(blank) 24 degrees	(blank) 2700K for 400L; 3000K for 140L and 240L	(blank) GU 5.3	DIM Dimmable ³			
	240L 6W, 240 lumens ³	36 36 degrees ⁴	40K 4000K					
	400L 8W, 400 lumens							

Notes

- Total system delivered lumens.
- ENERGY STAR listed.
- LM79 lamp power = 4.95 watts.
- Available only with 240L and 400L.
- Available only with 400L.



ALSMR16 — MR 16 LED Lamp

SPECIFICATION GRADE

PHOTOMETRICS

lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 245
Watts 4.95
Lumens per Watt (Efficacy) 49

Color Accuracy 81
Color Rendering Index (CRI)

Light Color 2965 (Warm White)
Correlated Color Temperature (CCT)

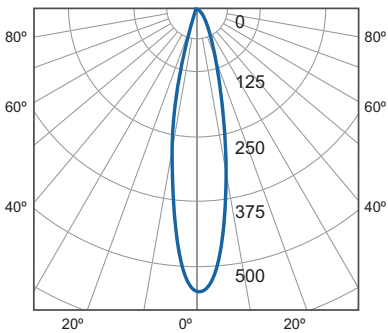
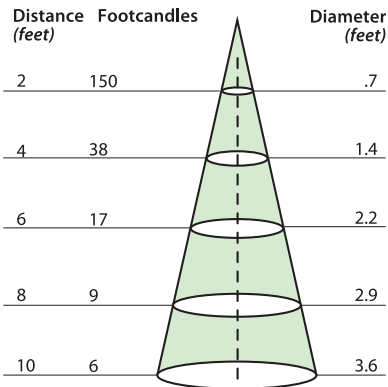
Warm White 2700K 3000K 3500K 4000K 4500K
Bright White 5000K 5500K
Daylight 6000K 6500K

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.

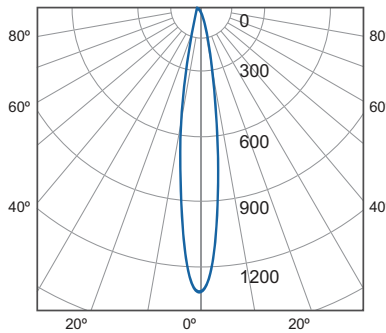
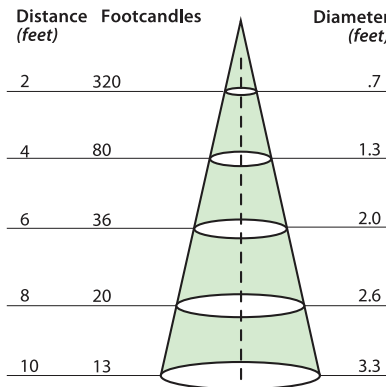
Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-53DP3G (9/15/2011)
Model Number: ALSMR16 240L (tested At 12V AC)
Type: Replacement Lamp - Directional (MR16)

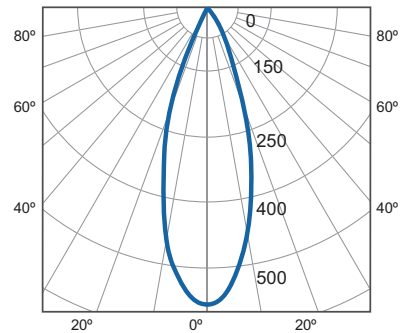
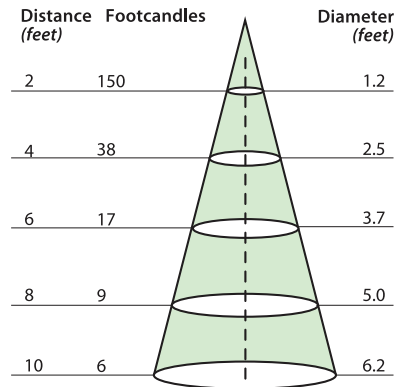
MR 16 140L 24° Beam Angle



MR 16 240L 24° Beam Angle



MR 16 240L 36° Beam Angle



Replacement Chart

Lamp Type	Traditional Source	Acculamp Replacement	Description
MR16	20W	4W MR16 LED	ALSMR16 140L
	35W	6W MR16 LED	ALSMR16 240L
	50W	8W MR16 LED	ALSMR16 400L

