



PROJECT:	TYPE:
VOLTAGE:	COMMENTS:

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# Array™ LED MR16

## SPECIFICATIONS FEATURES

<b>Approximate Equivalence</b>	35 Watt Halogen Lamp
<b>Base Type</b>	GU5.3
<b>Voltage</b>	12VAC & 12VDC (order separately)
<b>Average Wattage</b>	3.3 Watts
<b>Color Temp (ANSI)</b>	Cool White (6500K) Natural White (5000K) Warm White (3000K)
<b>CRI</b>	Cool White: 78 Natural White: 77 Warm White: 75
<b>Output (Lumens)</b>	Cool White: 175 Natural White: 185 Warm White: 170
<b>Beam Angle</b>	Flood (60° - 70°) Narrow Flood (25° - 30°)
<b>Weight</b>	1.2 oz
<b>Width</b>	2.0" (50mm)
<b>Length</b>	2.125" (54mm)
<b>Operating Temp.</b>	-40°F to 113°F (-40°C to 45°C)
<b>Dimmable<sup>1</sup></b>	100% to 10% on any commercial dimmer
<b>RoHS Compliant</b>	Contains no mercury or lead
<b>Rating</b>	Indoor Applications Only
<b>Rated Life</b>	50,000 Hours
<b>Listings</b>	CE, UL Pending
<b>IEC Certified</b>	IEC61000-4-5/ IEC61000-4-12
<b>Warranty</b>	3 Years



- High efficacy/High Lumen Package
- Equivalent to a 35 Watt halogen lamp
- RoHS Compliant
- Dimmable<sup>1</sup> on all standard commercial dimmers

## DESCRIPTION

**Array LED MR16** is a LED high output MR16 Bi-Pin base lamp. The Array LED MR16 is equivalent to a 35 watt halogen lamp but uses up to 80% less energy and lasts up to 25 times longer. The MR16 lamps are designed for track lighting and spot lighting applications powered by low voltage supplies. Worldwide patent pending SELECTIVE HEAT SINK TECHNOLOGY™ (SHS) ensures reliable operation for 50,000 hours which makes these lamps ideal for retail, commercial, and hospitality applications, as well as long duty cycle, "always-on" applications and/or hard to reach locations. The Array LED MR16 lamp generates very little heat allowing it to be placed in temperature sensitive areas. The Array LED MR16 is available in cool, natural and warm white color temperatures. 12VAC or 12VDC versions are ordered separately.



\* All Array LED lamps are tested to LM-79 and LM-80,IESNA standards.

<sup>1</sup> Some dimming systems require a minimum load to operate properly. Array lamps are energy efficient, low power devices. With only a few lamps in a circuit, they may not meet the minimum load required for an existing dimming systems. As a result the LED lamps may glow or may not dim properly. Please consult the dimming systems manufacturer for minimum load requirements or contact Array Lighting to help you determine the proper dimming systems to operate the LED lamps.

## ORDERING INFORMATION

MODEL	TYPE	COLOR TEMP	BEAM ANGLE
AAC - 12VAC	MR16	WW - 3000K (WARM WHITE)	25 - NARROW FLOOD (25° - 30°)
ADC - 12VDC		NW - 5000K (NATURAL WHITE)	60 - FLOOD (60° - 70°)
		CW - 6500K (COOL WHITE)	

Ordering Example: AACMR16WW60