



Array™ LED MR16-HO

SPECIFICATIONS FEATURES

Approximate Equivalence	30 Watt Halogen Lamp at 3000K 25 Watt halogen Lamp at 2700K
Base Type	GU5.3
Voltage	12VDC & 12VAC (order separately)
Average Wattage	6.5 Watts
Color Temp (ANSI)	Natural White (5000K) Warm White (3000K) Incandescent WW (2700K)
CRI* (17.7')	Natural White: 93 Warm White: 83 Incandescent WW: 84
Output* (Lumens) (17.7')	Natural White: 302 Warm White: 332 Incandescent WW: 316
Beam Angle	Flood (100°) Narrow Flood (22°) Spot (17.7°)
Center Beam Candle Power (CBCP)	17.7°: 2602 at 2700K 2693 at 3000K 22°: 1638 at 2700K 1747 at 3000K
Weight	1.7 oz
Width	2.0" (50mm)
Length	1.89" (48mm)
Operating Temp.	-40°F to 113°F (-40°C to 45°C)
Dimmable¹	100% to 10% on most commercial and incandescent dimmers
RoHS Compliant	Contains no mercury or lead
Rating	UL Recognized for Open or Enclosed Fixtures - Suitable for Damp Locations
Rated Life	25,000 Hours*
Listings	UL Recognized, CE
IEC Certified	IEC61000-4-5/ IEC61000-4-12
Warranty	3 Years



SKU: AACMMR162715
SKU: AACMMR163015

- **New High Output MR16**
- **Over 315 Lumens and 2600 Center Beam Candle Power at 2700K, 17.7° using only 6.5 Watts**
- **RoHS Compliant**
- **Dimmable¹ on most commercial and incandescent dimmers**
- **UL Recognized for Open or Enclosed Fixtures**

DESCRIPTION

Array LED MR16-HO is a high output LED MR16 Bi-Pin base lamp. The Array LED MR16-HO replaces halogen MR16s and uses up to 80% less energy while lasting up to 12 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 25,000 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-HO lamp generates very little heat allowing it to be placed in temperature sensitive areas and in enclosed fixtures. The Array LED MR16-HO is available in natural, warm white, and incandescent warm white color temperatures. 12VDC or 12VAC versions for magnetic or electronic transformers are ordered separately.



ARRAY LED LAMPS
UTILIZE RECYCLED
PLASTICS AND
PACKAGING MATERIALS

*UL Recognized for use in indoor and damp locations

Array MR16 + Electronic Transformers: Like all low power LED MR16 lamps the Array MR16 is not compatible with some electronic transformers due to its low power consumption. In most cases electronic transformers require a minimum load greater than 5 watts in order to function correctly, this is prevalent with fixtures that utilize an integral transformer for each fixture. Typical problems that exist would be flickering, strobing, low output, or no output.

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

¹ 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. Select either M, E, or V depending on your transformer type for optimum dimming performance. 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. *Data subject to change without notice.

* Lumen Output and CRI Values vary based on beam angle

* Designed to lasts 50,000 hours. Energy Star in-situation life testing underway

ORDERING INFORMATION

MODEL	TRANSFORMER COMPATIBILITY	TYPE	COLOR TEMP	BEAM ANGLE
AAC - 12VAC	M - MAGNETIC	MR16	27 - 2700K (INCAN. WARM WHITE)	15 - SPOT (17.7°)
ADC - 12VDC	E - ELECTRONIC		30 - 3000K (WARM WHITE)	25 - NARROW FLOOD (22°)
	V - DC		50 - 5000K (NATURAL WHITE)	60 - FLOOD (100°)

Ordering Example: AACMMR162715