

## **MR16-6W-XIW-002M**

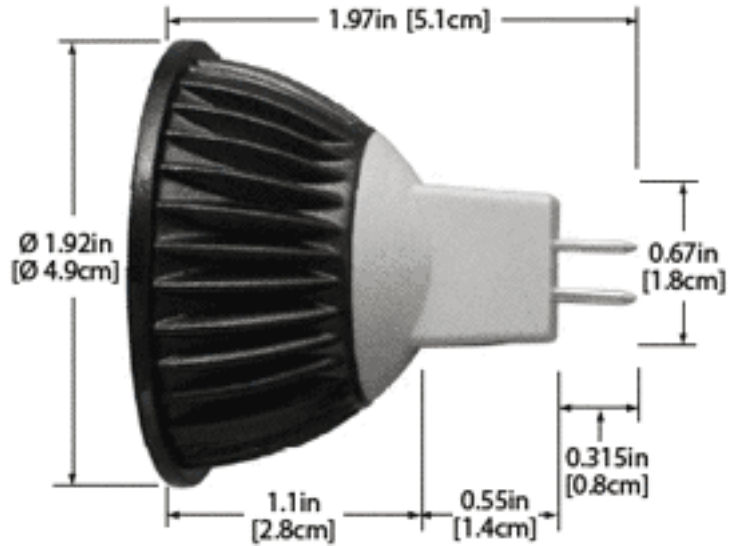
**LED Light Bulb, MR16 Style GX5.3 BiPin  
12VAC/DC, Warm White, 3000K  
38° Viewing Angle**

DWG BY:  
GP  
10-28-08

CHK BY:  
BJ  
07-06-11

QA:  
RTD  
07-06-11

REVISION LTR: B  
ECR#: 062811-RTD01  
07-05-11



**Notes:**

1. Dimensions are in Inches [Millimeters].
2. Designed for use with low frequency 50Hz or 60Hz transformers.
3. High frequency electronic transformers designed for high wattage Halogens may cause early failures in these MR16 LED bulbs.



**Specification**

Input Voltage (typ)	12VAC/DC
Tested @ (Voltage)	12VAC
Power Consumption	4.2W typ, 5.0W max
Current Consumption	0.452 A
Efficacy: (Lm/W)	44
Lumens	183 lm
Maximum Candela	391 cd
Power Factor	0.78
CRI	85
Color Temperature	2800K~3250K
Color	Warm White
Viewing Angle	38°
Operating Temperature	-30°C to +50°C
Lens	Clear
Body Color	Black & White
Weight	1.16 oz / 33g

## Luminaire Photometric Report

Filename: MR16-6W-XIW-002M

Manufacturer: LEDTRONICS -

Luminaire: CLEAR LED LENS, 12VAC, 4.2W

Luminaire Cat: MR16-6W-XIW-002M

Lamp: . LUMEN RATING: 183.3Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 183.3

Max Candela: 391.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 9-24-10

### Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

Field (10%): 79.6% 145.8 62.2 62.2

Beam (50%): 50.7% 93.0 37.8 37.8

Total: 100% 183.3

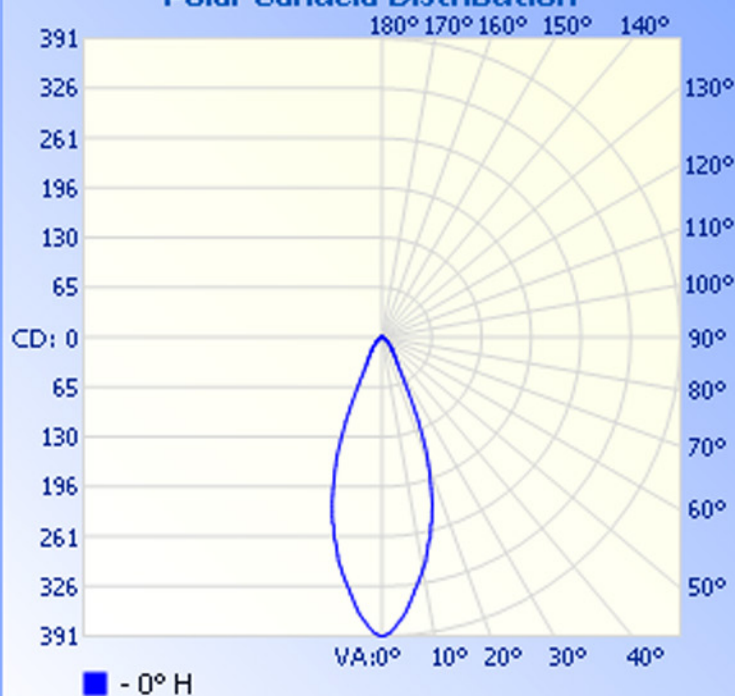
### Illuminance at a Distance

Center Beam FC Beam Width

1.7ft	140.76 fc	1.1ft
3.3ft	35.19 fc	2.3ft
5.0ft	15.64 fc	3.4ft
6.7ft	8.80 fc	4.6ft
8.3ft	5.63 fc	5.7ft
10.0ft	3.91 fc	6.8ft

■ Beam Spread: 37.8°

### Polar Candela Distribution



### Isofootcandle Plot

