

MR16-6W-XIW-002N

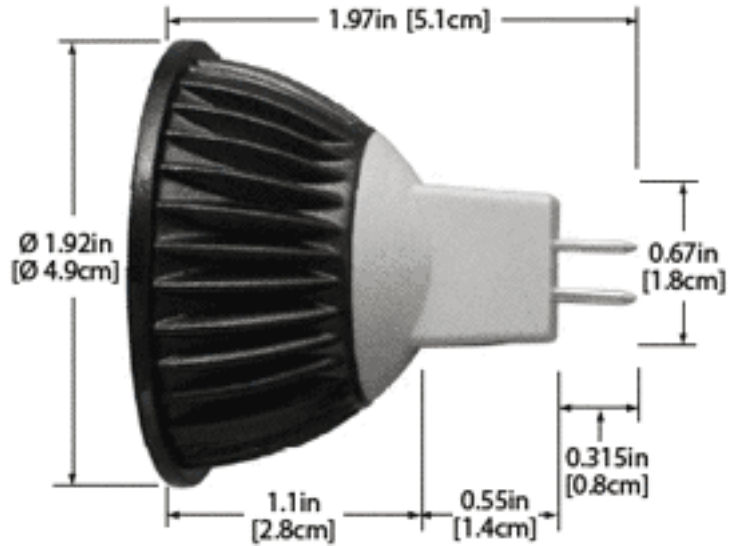
**LED Light Bulb, MR16 Style GX5.3 BiPin
12VAC/DC, Warm White, 3000K
10°–15° Viewing Angle**

DWG BY:
GP
05-10-10

CHK BY:
BJ
07-06-11

QA:
RTD
07-06-11

REVISION LTR: A
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	2.9W typ, 5.0W max
Current Consumption	0.335 A
Efficacy: (Lm/W)	47
Lumens	137 lm
Maximum Candela	1800 cd
Power Factor	0.72
CRI	85
Color Temperature	2800K~3250K
Color	Warm White
Viewing Angle	10°-15°
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-002N

Manufacturer: LEDTRONICS -

Luminaire: WITH CLEAR LENS, 12VAC, 2.9W

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

Lamp: . LUMEN RATING: 122.8Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 122.8

Max Candela: 1,800.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 1-19-09

Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

Field (10%): 70.5% 86.5 26.8 26.8

Beam (50%): 26.6% 32.6 10.7 10.7

Total: 111.3% 136.7

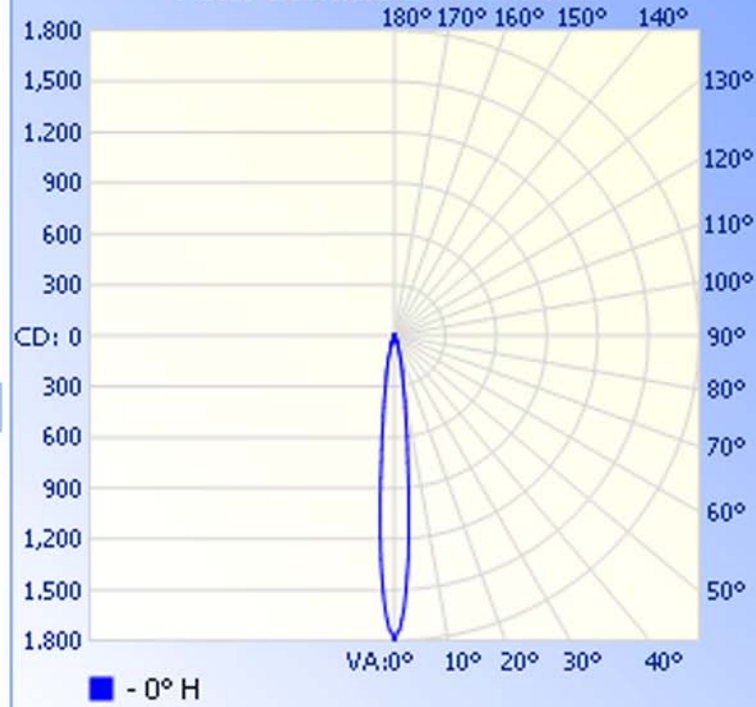
Illuminance at a Distance

Center Beam FC Beam Width

1.7ft	648.00 fc	0.3ft
3.3ft	162.00 fc	0.6ft
5.0ft	72.00 fc	0.9ft
6.7ft	40.50 fc	1.3ft
8.3ft	25.92 fc	1.6ft
10.0ft	18.00 fc	1.9ft

■ Beam Spread: 10.7°

Polar Candela Distribution



Isofootcandle Plot

