

MR16-6W-XIW-002S

Warm White

LED Light Bulb, MR16 Base

12VAC/DC, 5Watts

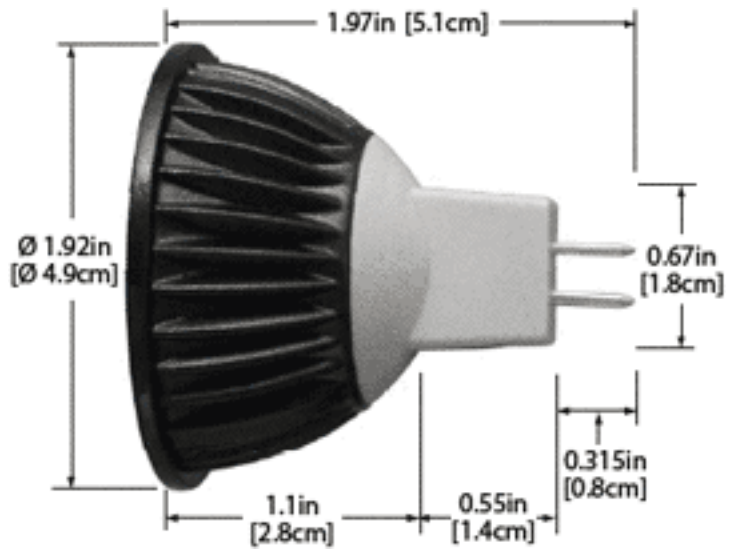
15-25° viewing angle

DWG BY:
NP / GP
10-22-08

CHK BY:
BJ
07-05-11

QA:
RTD
07-05-11

REVISION LTR: A
ECR# 062811-RTD01
07-01-11



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	4.3W typ, 5.0W max
Current Consumption	0.525 A
Efficacy: (Lm/W)	40
Lumens	173 lm
Maximum Candela	1222 cd
Power Factor	-
CRI	85
Color Temperature	2800K~3250K
Color	Warm White
Viewing Angle	15° ~ 25°
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-0025

Manufacturer: LEDTRONICS -

Luminaire: WITH LED LENS, 12VAC, 4.3W

Luminaire Cat: MR16-6W-XIW-0025

Lamp: . LUMEN RATING: 173.0Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 173

Max Candela: 1,222.0 at Horizontal: 0, Vertical: 0

Luminous Opening: Point

Test: 3-18-09

Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

Field (10%): 77.3% 133.7 34.4 34.4

Beam (50%): 42.2% 73.0 19.2 19.2

Total: 100% 173.0

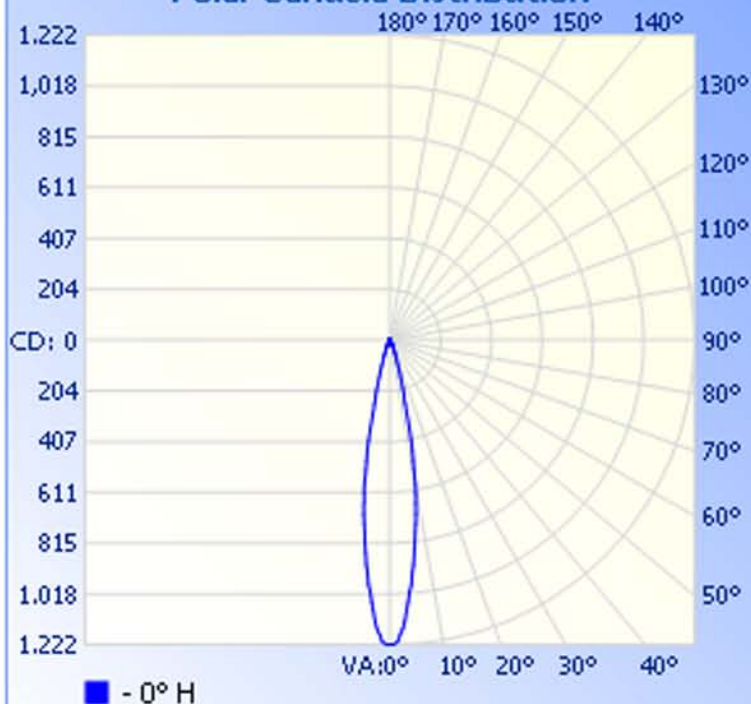
Illuminance at a Distance

Center Beam FC Beam Width

1.7ft	439.92 fc	0.6ft
3.3ft	109.98 fc	1.1ft
5.0ft	48.88 fc	1.7ft
6.7ft	27.50 fc	2.3ft
8.3ft	17.60 fc	2.8ft
10.0ft	12.22 fc	3.4ft

■ Beam Spread: 19.2°

Polar Candela Distribution



Isofootcandle Plot

