

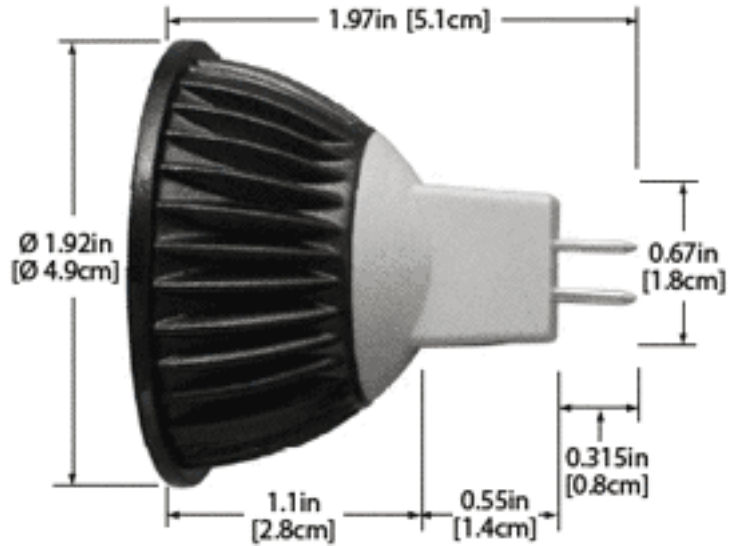
## **MR16-6W-XPW-002M**

**LED Light Bulb, MR16 Style GX5.3 BiPin  
12VAC/DC, Pure White, 6000K  
30°–40° Viewing Angle**

DWG BY:  
GP  
05-14-10

CHK BY:  
PL  
05-17-10

REVISION LTR: -  
ECR#: 022210-RTD02 / 051110-MLR01  
05-14-10



**Notes:**

1. Dimensions are in Inches [cm].
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	0.344 A
Efficacy: (Lm/W)	51.4
Lumens	149 lm
Total Ft-Cd	265 cd
Power Factor	0.70
CRI	76
Color Temperature (CCT in Kelvin)	6000K~6500K
Color	Pure White
Viewing Angle (Full Beam Width at 50% Intensity)	30°~ 40°
Operating Temperature	-30°C to +50°C
Body Color	Black & White
Weight	1.16 oz / 33g

# Luminaire Photometric Report

**Filename:** MR16-6W-XPW-002M

**Manufacturer:** LEDTRONICS -

**Luminaire:** WITH LED LENS, 12VAC, 2.9W

**Luminaire Cat:** MR16-6W-XPW-002M

**Lamp:** . LUMEN RATING: 149.1Lms.

**Lamp Output:** 1 lamp(s), rated lamp lumens: 149.1

**Max Candela:** 265.0 at Horizontal: 0, Vertical: 0

**Luminous Opening:** Point

**Test:** 3-13-09

## Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82.8%	123.5	78.1	78.1
Beam (50%):	49%	73.1	39	39
Total:	100%	149.1		

## Illuminance at a Distance

	Center Beam FC	Beam Width
1.7ft	95.40 fc	1.2ft
3.3ft	23.85 fc	2.4ft
5.0ft	10.60 fc	3.5ft
6.7ft	5.96 fc	4.7ft
8.3ft	3.82 fc	5.9ft
10.0ft	2.65 fc	7.1ft

■ Beam Spread: 39.0°

