

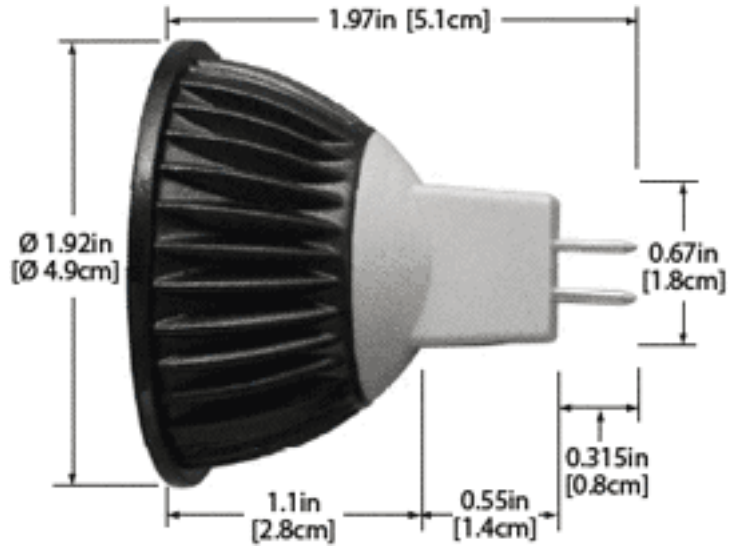
## **MR16-6W-XPW-002S**

**LED Light Bulb, MR16 Style GX5.3 BiPin  
12VAC/DC, Pure White, 6000K  
15°–25° Viewing Angle**

DWG BY:  
GP  
05-10-10

CHK BY:  
PL  
05-11-10

REVISION LTR: -  
ECR#: 022210-RTD02 / 043010-MLR01  
05-10-10



**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	4.7W typ, 5.0W max
Current Consumption	0.580 A
Efficacy: (Lm/W)	48.5
Lumens	228 lm
Total Ft-Cd	1688 cd
Power Factor	0.67
CRI	76
Color Temperature	6000K~6500K
Color	Pure 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-XPW-0025

**Manufacturer:** LEDTRONICS -

**Luminaire:** WITH LED LENS, 12VAC, 4.7W

**Luminaire Cat:** MR16-6W-XPW-0025

**Lamp:** . LUMEN RATING: 227.8Lms.

**Lamp Output:** 1 lamp(s), rated lamp lumens: 227.8

**Max Candela:** 1,688.0 at Horizontal: 0, Vertical: 0

**Luminous Opening:** Point

**Test:** 3-13-09

## Flood Summary

Efficiency Lumens Horizontal Spread Vertical Spread

Field (10%): 68.4% 155.9 34.7 34.7

Beam (50%): 31.1% 70.9 16.1 16.1

Total: 100% 227.8

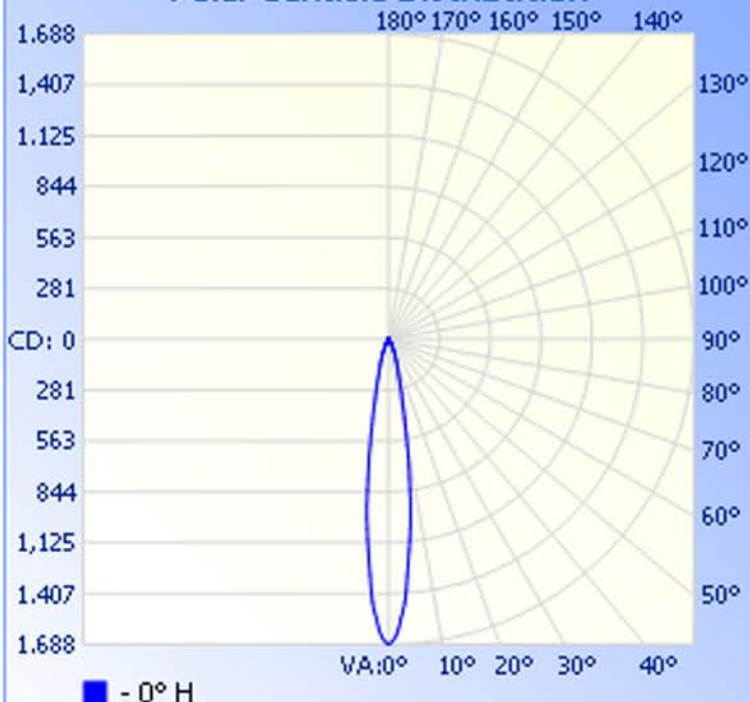
## Illuminance at a Distance

Center Beam FC Beam Width

1.7ft	<b>607.68 fc</b>	<b>0.5ft</b>
3.3ft	<b>151.92 fc</b>	<b>0.9ft</b>
5.0ft	<b>67.52 fc</b>	<b>1.4ft</b>
6.7ft	<b>37.98 fc</b>	<b>1.9ft</b>
8.3ft	<b>24.31 fc</b>	<b>2.4ft</b>
10.0ft	<b>16.88 fc</b>	<b>2.8ft</b>

■ Beam Spread: 16.1°

## Polar Candela Distribution



## Isofootcandle Plot

