



# LED MR16 12V AC/DC Dimmable Light Bulb

Only 6 Watts – 3000K, 4000K or 6000K – Up to 60° Beam – GU5.3 Base – ETL / UL



## FEATURES

- 3 Year LEDtronics Warranty
- Direct Drop-in Replacement into MR16 Fixtures with GU5.3 2-Pin Base
- Energy Savings of up to 90%
- Lumen Maintenance over 70% up to 35,000 Hours
- Operates on 10-14VDC & 12-18VAC
- Dimmable with Standard MR16 Dimmers
- High CRI Enhances All Colors
- ETL or UL Listed
- No UV or IR Radiation / No RF Interference
- Solid-State: High Shock & Vibration Resistant

## APPLICATIONS

- Track Lighting
- Spot and Display Lighting
- Architectural Lighting
- Cabinet / Kiosk Lighting
- Art Gallery and Museum Spot Lighting

## AVAILABLE OPTIONS

- Other White CCT Colors

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience



<b>Dimmability</b>	Dimmable
<b>CRI</b>	80
<b>Operating Temp.</b>	-22°F ~+131°F / -30°C ~+55°C
<b>Protection Rating</b>	IP41
<b>Heatsink Material</b>	Cold-Forged Aluminum / Gray
<b>Lens</b>	Polycarbonate / Prismatic, Clear
<b>Base</b>	GU5.3 Bi-Pin
<b>Dimensions</b>	2.00 x Ø1.97 inch / 51 x Ø50 mm
<b>Net Weight</b>	0.1125 lbs / 1.8 oz / 51 g



6 Watts, Replaces Halogen Lamps up to 50W

Up to 60° Medium Beam

### MR16C-6W-XIW-101MD

<b>Emitted Color</b>	Warm White	
<b>Color Temp.</b>	3000K	
<b>Test Voltage</b>	12VDC	12VAC
<b>Input Voltage</b>	12VDC	12VAC
<b>Input Power</b>	6.6 Watts	6.7 Watts
<b>Input Current</b>	0.55A	0.61A
<b>Total Lumens</b>	813 lm	800 lm
<b>Efficacy</b>	123 lm/W	119 lm/W
<b>Max. Candela</b>	1476 cd	1456 cd
<b>Power Factor</b>	-	0.92
<b>Beam Angle</b>	35° x 40°	

### MR16C-6W-XNW-101MD

<b>Emitted Color</b>	Natural White	
<b>Color Temp.</b>	4000K	
<b>Test Voltage</b>	12VDC	12VAC
<b>Input Voltage</b>	10-14VDC	12-18VAC
<b>Input Power</b>	6.8 Watts	6.5 Watts
<b>Input Current</b>	0.535A	0.580A
<b>Total Lumens</b>	465 lm	465 lm
<b>Efficacy</b>	75 lm/W	70 lm/W
<b>Max. Candela</b>	735 cd	645 cd
<b>Power Factor</b>	-	0.93
<b>Beam Angle</b>	60°	

### MR16C-6W-XPW-101MD

<b>Emitted Color</b>	Pure White	
<b>Color Temp.</b>	6000K	
<b>Test Voltage</b>	12VDC	12VAC
<b>Input Voltage</b>	10-14VDC	12-18VAC
<b>Input Power</b>	6.6 Watts	6.5 Watts
<b>Input Current</b>	0.550A	0.580A
<b>Total Lumens</b>	520 lm	475 lm
<b>Efficacy</b>	80 lm/W	75 lm/W
<b>Max. Candela</b>	660 cd	600 cd
<b>Power Factor</b>	-	0.93
<b>Beam Angle</b>	60°	



# LEDTRONICS®

America's Premium Brand LED Company™



23105 Kashiwa Court, Torrance, CA 90505  
Phone: (800) 579.4875 / (310) 534.1505  
Fax: (310) 534.1424  
E-mail: [info@ledtronics.com](mailto:info@ledtronics.com)  
Website: [ledtronics.com](http://ledtronics.com)



© 2022 LEDtronics, Inc.

To order LEDtronics products, contact the Distributor or Sales Representative in your area.

Visit our website to find your local Distributor or Representative from our worldwide network:  
[LEDtronics.com](http://LEDtronics.com)

WWW.LEDTRONICS.COM

LOG 514 / Rev 12-2022

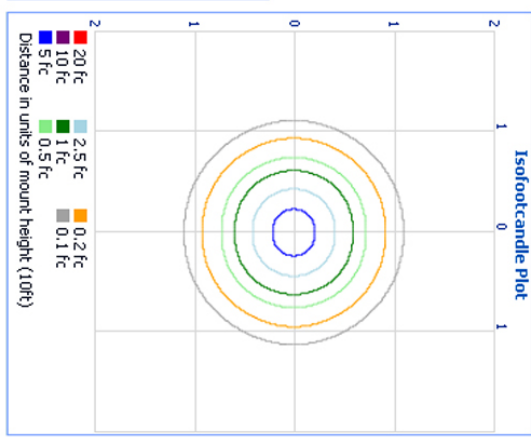
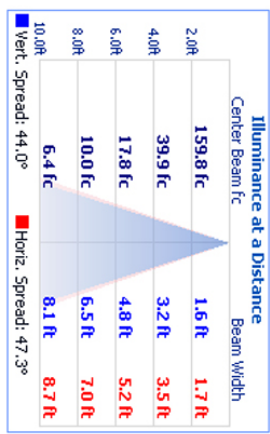
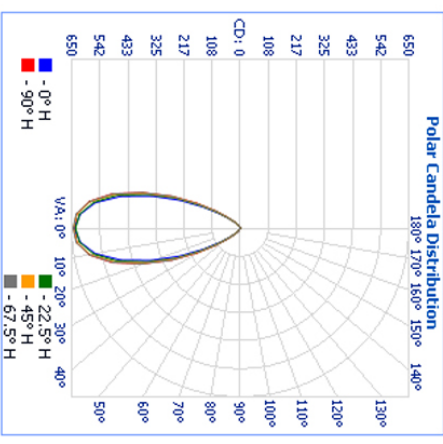
Check LEDTRONICS.COM for latest data. Printed material may be outdated.

# LED MR16 12V AC/DC Dimmable Light Bulb

## Luminaire Photometric Report

Filename: MR16C-6W-XNW-101MD  
 Manufacturer: LEDTRONICS  
 Luminaire: CLEAR LENS,6.6W,12VAC  
 Lamp Output: 1 lamp, rated Lumens/lamp: 463.5  
 Max Candela: 643.0 at Horizontal: 67.5°, Vertical: 0°  
 Luminous Opening: Point  
 Test: 9-18-17  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Full Cutoff  
 Nema Type: 5 X 5

Zone	Lumens % Total	Zone	Lumens % Total		
0-10	58.1	12.5%	90-100	0	0%
10-20	136.0	29.4%	100-110	0	0%
20-30	127.4	27.5%	110-120	0	0%
30-40	71.7	15.5%	120-130	0	0%
40-50	33.6	7.2%	130-140	0	0%
50-60	18.4	4.0%	140-150	0	0%
60-70	11.0	2.4%	150-160	0	0%
70-80	5.9	1.3%	160-170	0	0%
80-90	1.4	0.3%	170-180	0	0%



## Luminaire Photometric Report

Filename: MR16C-6W-XPW-101MD  
 Manufacturer: LEDTRONICS  
 Luminaire: CLEAR LENS,6.5W,12VAC  
 Lamp Output: 1 lamp, rated Lumens/lamp: 475.5  
 Max Candela: 599.0 at Horizontal: 22.5°, Vertical: 0°  
 Luminous Opening: Point  
 Test: 8-4-17  
 Photometry: Type C  
 CIE Class: Direct  
 Cutoff Class: Cutoff  
 Nema Type: 5 X 5

Zone	Lumens % Total	Zone	Lumens % Total		
0-10	53.6	11.3%	90-100	0	0%
10-20	128.9	27.1%	100-110	0	0%
20-30	130.5	27.4%	110-120	0	0%
30-40	81.2	17.1%	120-130	0	0%
40-50	38.3	8.0%	130-140	0	0%
50-60	19.8	4.2%	140-150	0	0%
60-70	12.4	2.6%	150-160	0	0%
70-80	7.6	1.6%	160-170	0	0%
80-90	3.3	0.7%	170-180	0	0%

