



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

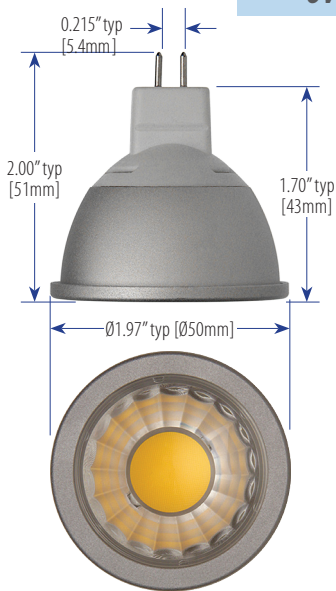
APPLICATIONS

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

AVAILABLE OPTIONS

- Other White CCT Colors

Over 40 Years of LEDtronics Design, Engineering & Manufacturing Experience



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

Emitted Color	Warm White	
Color Temp.	3000K	
Test Voltage	12VDC	12VAC
Input Voltage	12VDC	12VAC
Input Power	6.4 Watts	6.2 Watts
Input Current	0.535A	0.570A
Total Lumens	744 lm	757 lm
Efficacy	116 lm/W	122 lm/W
Max. Candela	1552 cd	1567 cd
Power Factor	-	0.90
Beam Angle	35° x 35°	

MR16C-6W-XNW-101MD

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

MR16C-6W-XPW-101MD

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

Website: ledtronics.com



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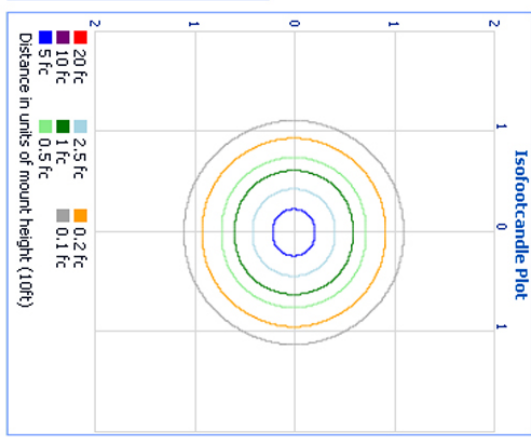
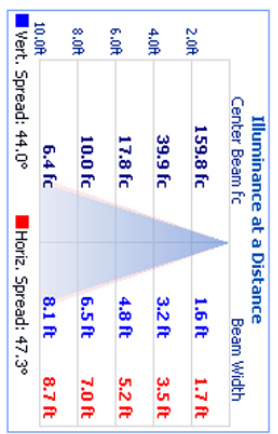
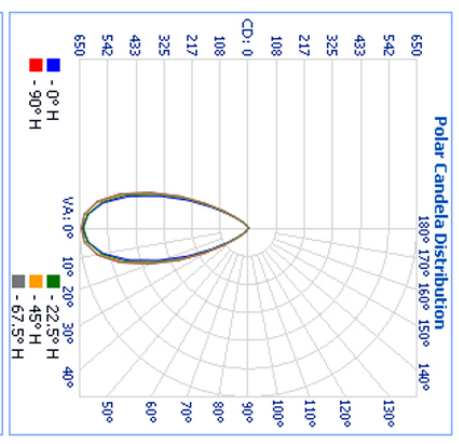
Check LEDTRONICS.COM for latest data. Printed material may be outdated.

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%

