



24 LED MR16 TrackLED™ Light Bulb

Ideal for use with alternate and renewable energy resources like solar & wind power

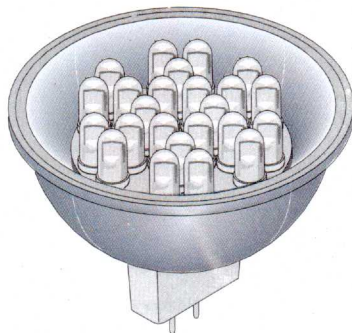
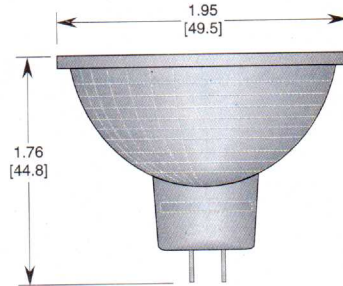
Features

- Easy Installation Using Existing Socket
- LED Operating Life: 100,000+ hrs (10+ years)
- Solid-State, Fast Turn on, No Power Surge
- High Shock/Vibration Resistant
- Major Power Savings
- Voltages Available: 12/14V, 24V, 28V, 120VAC, 240VAC
- Major Reduction in Heat Generation
- Three-Year Lamp Warranty
- Choice of 13 Colors & Infrared

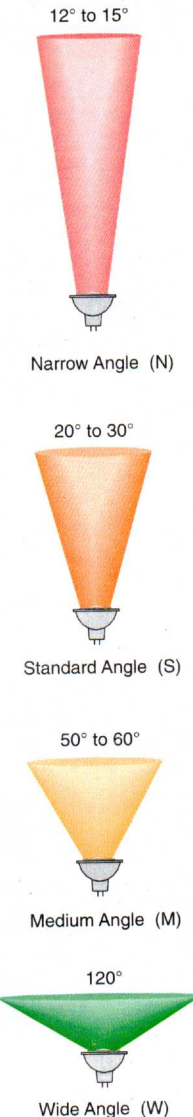


• May not work with dimmer circuits.
 • For direct 12VDC line power source applications.
 • Transformers must be regulated and the output voltage should not exceed 12VDC.

Dimensions



Viewing Angle Options*



| Part Number | Emitted Color | Input Voltage | Power (Watts) typ | Illumination (End Lumens) | Intensity per LED I _v (mcd) typ | λ _p (nm) |
|------------------|---------------|---------------|-------------------|---------------------------|--|------------------------|
| MR16-24-0UR-014N | UL RED | 12/14V | 1.5-2.0 | 48@15° | 2000 | 660 |
| MR16-24-0ER-014S | SP RED | 12/14V | 1.5-2.0 | 100@22° | 4200 | 639 |
| MR16-24-0UO-014N | SP ORANGE | 12/14V | 1.5-2.0 | 96@15° | 4000 | 612 |
| MR16-24-0UY-014N | SP YELLOW | 12/14V | 1.5-2.0 | 90@15° | 3750 | 595 |
| MR16-24-0PY-014S | SP P YELLOW | 12/14V | 1.5-2.0 | 60@22° | 2500 | 594 |
| MR16-24-0YW-014S | YEL/WHITE | 12/14V | 1.5-2.0 | 108@20° | 3K/6K [‡] | 592/8000K [‡] |
| MR16-24-0IW-014S | INC WHITE | 12/14V | 1.5-2.0 | 48@20° | 2000 | 4500K [‡] |
| MR16-24-0CW-014S | COOL WHITE | 12/14V | 1.5-2.0 | 144@20° | 6000 | 8000K [‡] |
| MR16-24-2CW-014S | COOL WHITE | 12/14V | 1.5-2.0 | 96@22° | 4000 | 8000K [‡] |
| MR16-24-0UG-014N | LIME GREEN | 12/14V | 1.5-2.0 | 24@15° | 1000 | 570 |
| MR16-24-0AG-014N | AQ GREEN | 12/14V | 1.5-2.0 | 240@15° | 10,000 | 525 |
| MR16-24-1AG-014N | AQ GREEN | 12/14V | 1.5-2.0 | 72@15° | 3000 | 525 |
| MR16-24-2AG-014N | AQ GREEN | 12/14V | 1.5-2.0 | 144@15° | 6000 | 525 |
| MR16-24-0BG-014N | B GREEN | 12/14V | 1.5-2.0 | 72@15° | 3000 | 505 |
| MR16-24-1BG-014N | B GREEN | 12/14V | 1.5-2.0 | 24@15° | 1000 | 505 |
| MR16-24-2BG-014N | B GREEN | 12/14V | 1.5-2.0 | 48@15° | 2000 | 505 |
| MR16-24-0PB-014N | SP BLUE | 12/14V | 1.5-2.0 | 72@15° | 3000 | 470 |
| MR16-24-1PB-014N | SP BLUE | 12/14V | 1.5-2.0 | 24@15° | 1000 | 470 |
| MR16-24-2PB-014N | SP BLUE | 12/14V | 1.5-2.0 | 48@15° | 2000 | 470 |
| MR16-24-00B-014N | UL BLUE | 12/14V | 1.5-2.0 | 12@15° | 500 | 430 |
| MR16-24-851-014N | INFRARED | 12/14V | 1.5-2.0 | | 12mW [†] | 850 |
| MR16-24-881-014N | INFRARED | 12/14V | 1.5-2.0 | | 10mW [†] | 880 |
| MR16-24-941-014N | INFRARED | 12/14V | 1.5-2.0 | | 8mW [†] | 940 |

For Other Voltages, Replace -012N with -024N (for 24VDC), -120AN (for 120VAC), -240AN (for 240VAC)

* Replace N in Part Number with Required Viewing Angle Options
 N - Narrow (12°) S - Standard (30°) M - Medium (50°) W - Extra Wide (120°)

** 1 End-Lumen is approximately 1 End-Footcandle, measurement for Narrow Angle (N)
 (For more information, refer to page 5 "Common Light Measurement Terms")

† Infrared LED intensity is shown as typical milliwatt power per steradian

‡ Color temperature (Kelvin degrees)

- All Lamps are Bipolar (AC & DC Compatible)
- Three-Year Lamp Warranty

Specifications subject to change without notice.

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 THE FUTURE OF LIGHT



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