



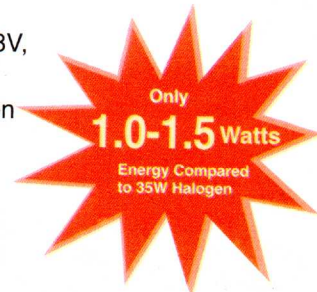
18 LED MR16 TrackLED™ Light Bulb

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

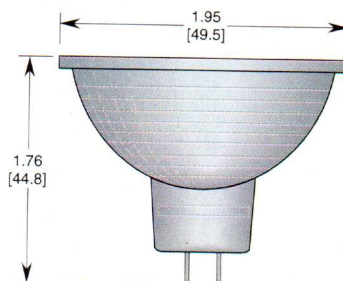
Features

- 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*

12° to 15°



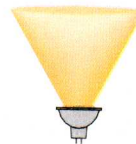
Narrow Angle (N)

20° to 30°



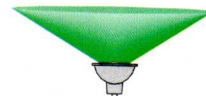
Standard Angle (S)

50° to 60°



Medium Angle (M)

120°



Wide Angle (W)

Log # 148D Rev 07-2001

Part Number	Emitted Color	Input Voltage	Power (Watts) typ	Illumination (EndLumens)	Intensity per LED I _v (mcd) typ	λ _p (nm)
MR16-18-0UR-014N	UL RED	12/14V	1.0-1.5	36@15°	2000	660
MR16-18-0ER-014S	SP RED	12/14V	1.0-1.5	75@22°	4200	639
MR16-18-0UO-014N	SP ORANGE	12/14V	1.0-1.5	72@15°	4000	612
MR16-18-0UY-014N	SP YELLOW	12/14V	1.0-1.5	67@15°	3750	595
MR16-18-0PY-014S	SP P YELLOW	12/14V	1.0-1.5	45@22°	2500	594
MR16-18-0YW-014S	YEL/WHITE	12/14V	1.0-1.5	81@20°	3K/6K [†]	592/8000K [†]
MR16-18-0IW-014S	INC WHITE	12/14V	1.0-1.5	36@20°	2000	4500K [†]
MR16-18-0CW-014S	COOL WHITE	12/14V	1.0-1.5	108@20°	6000	8000K [†]
MR16-18-2CW-014S	COOL WHITE	12/14V	1.0-1.5	72@22°	4000	8000K [†]
MR16-18-0UG-014N	LIME GREEN	12/14V	1.0-1.5	18@15°	1000	570
MR16-18-0AG-014N	AQ GREEN	12/14V	1.0-1.5	180@15°	10,000	525
MR16-18-1AG-014N	AQ GREEN	12/14V	1.0-1.5	54@15°	3000	525
MR16-18-2AG-014N	AQ GREEN	12/14V	1.0-1.5	108@15°	6000	525
MR16-18-0BG-014N	B GREEN	12/14V	1.0-1.5	54@15°	3000	505
MR16-18-1BG-014N	B GREEN	12/14V	1.0-1.5	18@15°	1000	505
MR16-18-2BG-014N	B GREEN	12/14V	1.0-1.5	36@15°	2000	505
MR16-18-0PB-014N	SP BLUE	12/14V	1.0-1.5	54@15°	3000	470
MR16-18-1PB-014N	SP BLUE	12/14V	1.0-1.5	18@15°	1000	470
MR16-18-2PB-014N	SP BLUE	12/14V	1.0-1.5	36@15°	2000	470
MR16-18-00B-014N	UL BLUE	12/14V	1.0-1.5	9@15°	500	430
MR16-18-851-014N	INFRARED	12/14V	1.0-1.5		12mW [†]	850
MR16-18-881-014N	INFRARED	12/14V	1.0-1.5		10mW [†]	880
MR16-18-941-014N	INFRARED	12/14V	1.0-1.5		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)

Specifications subject to change without notice.

• All Lamps are Bipolar (AC & DC Compatible)

• Three-Year Lamp Warranty

LEDTRONICS, INC.®
THE FUTURE OF LIGHT



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