

ELS 5 watt MR16 LED Lamp Specification and Data Sheet

Electronic Lighting Systems, Inc's LED lamps are the next generation in solid state lighting Technology. Our LED lamps combine highly efficient materials that allow our lamps an efficacy that far exceeds other brands in the marketplace.

Our LED MR16 Lamp is a direct replacement for a 50 watt halogen MR16 lamp. The ELS MR16 lamp consumes only 5 watts, reducing your energy consumption by up to 90% of your current use. Our lamp is a cool lighting source, which produces No UV or IR, which reduces HVAC loads and temperatures. This feature greatly reduces maintenance costs.

Features

- High Lumen Output
- Dimmable
- Low Power Consumption
- Over 50,000 hour life span
- UL & CE/RoHs Certificate Compliant
- 3 year Manufacturers Warranty

Applications:

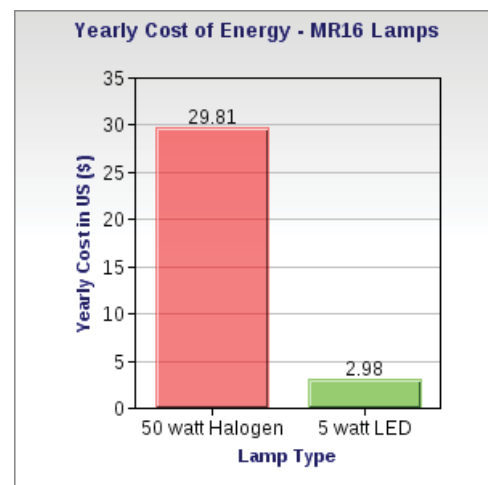
- General Illumination
- Down Lighting
- Architectural Lighting
- Recessed Lighting
- Stage Lighting
- Landscaping



Specification Details

Model No:	ELS-M 16-5-D/WW/NW/CW		
Input Voltage	AC/DC 12 Volt		
Power Consumption	5 Watts		
Color	Warm White	Neutral White	Cool White
Luminous Flux	265 Lm	305 Lm	360 Lm
Luminous Efficacy	53Lm/watt	61Lm/watt	72Lm/watt
Lumen Maintenance	70%		
Color Temperature	3000K	4500K	6500K
CRI	80		
Environment	Dry Rated		
Operation Temperature	-20°C-40°C		
Base	MR16GU10		
Product Dimensions	Ø0x55mm		
Viewing Angle	8°15°30°45°60°		
Weight	1 ounce		

Cost of Energy Comparison



Graph compares the cost of energy per lamp, based on a Commercial price per kilowatt of \$0.1365/hour, 12 hours per day of usage, for 364 days. Cost of energy data for CA from U.S. Department of Energy data for May 2010.