

ELS PAR38 12 watt Based LED Lamp Specification and Data Sheet

Electronic Lighting Science, 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 PAR38 Lamp series is a direct replacement for halogen PAR38 lamps. The ELS PAR38 based lamp consumes only 12 watts, reducing your energy consumption up to 85% 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
- High Efficiency and Reliability
- Low Power Consumption
- Over 50,000 hour life span
- UL & CE/RoHs Certificate Compliant
- 3 year Manufacturers Warranty
- Wet Rated

Applications:

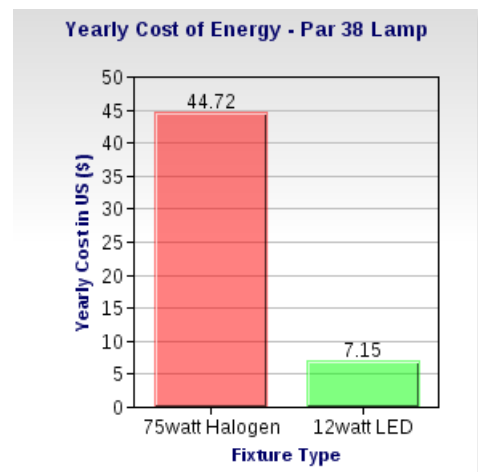
- General Illumination
- Down Lighting
- Architectural Lighting
- Recessed Lighting
- Stage Lighting
- Outdoor Lighting
- Landscaping



Specification Details

Model No :	ELS-P38-12-WW-D	ELS-P38-12-CW-D
Input Voltage	AC110-277V 50/60HZ	
Power Consumption	12 watts	
Color	Warm White	Cool White
Luminous Flux	765Lm	850Lm
Luminous Efficacy	51Lm/watt	56.7Lm/watt
Lumen Maintenance	70%	
Color Temperature	3000K	5000K
CRI	80	
Environment	Wet Rated	
Operation Temperature	-20°C-45°C	
Base	E26/E27	
Product Dimensions	Height: 133 mm / Diameter: 121 mm	
Viewing Angle	30°,45°, and 65°	
Weight	28g	

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.