

ELS 18 watt T8 LED U Lamp Specification and Data Sheet

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

Our T8 U lamp tube is a direct replacement for fluorescent based lights. The ELS T8 tube consumes only 18 watts, reducing your energy consumption up to 50% of your current use. Our lamp is a low heat emitting lighting source, 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, and RoHs Certificate Compliant
- 3 Year Manufacturers Warranty



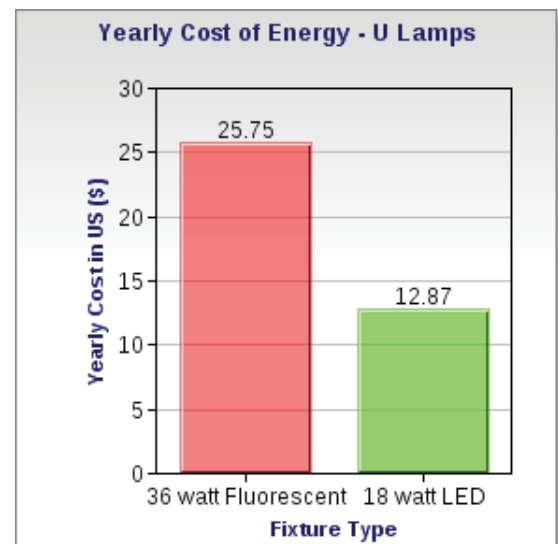
Applications:

- General Illumination
- Down Lighting
- Architectural Lighting
- Industrial Lighting

Specification Details

Model No:	ELS-T8-U-18
Wattage	18 Watts
Input Voltage	85-277V, 50-60HZ
Power Factor	>0.90
Luminous Efficacy	>85Lm/watt Average
Lumen Maintenance	70%
Color Temp., Lumens	
Warm White	3000K, 1552 Lumens
Natural White	4500K, 1650 Lumens
Cool White	6000K, 1732 Lumens
CRI	75
Environment	Dry Rated
Operation Temperature	-30°C~40°C
Base	G12
Product Dimensions	Length: 560mm/ Width: 152.4mm
Viewing Angle	>120°
Weight	420g
Replaces	36 watt Fluorescent

Cost of Energy Comparison



Graph compares the cost of energy per lamp, based on a Commercial price per kilowatt of \$0.1633/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.