



LED Diamond Lite

USA PATENT
#D614,323 S

CN 200910159939.1
PCT/US2009/047754

LED Plug and Play Jewelry Case Lights

PRODUCT HIGHLIGHTS

- 8 Watts
- UL Approved
- Simple Plug & Play Design
- Compatible with Existing PL13 CFL Housing
- No Electrician Required
- No Showcase Retrofitting Required
- Environmentally Friendly
- CONFIRMED INCREASED SALES (200-300%)

TYPICAL APPLICATIONS

Showcase Lighting, such as:

- Jewelry
- Cosmetics
- Accessories
- Gifts
- Other

SPECIFICATIONS

CERTIFICATIONS



EFFICACY

Efficacy 100 Lumens per watt
Source Lumens - 480 lumens

ILLUMINANCE

Illuminance 2000 lux at 12 Inches

LONGEVITY

Lasts 5 Years or 50,000 Hours

COLOR

- Cool White
 - Neutral White
- Guaranteed color consistency across multiple fixtures.

CURRENT DRIVEN

Current Driven at max 260 milliamps

ENERGY USE

Energy Use = 8 Watts per hour

The Future of LED Fixture Lighting

REPLACE YOUR DINGY YELLOW FLUORESCENT LIGHTING WITH LONG LASTING SNOW WHITE LED LIGHTING.

Spirit LED Lighting introduces LED Diamond Lite, the first Plug and Play LED lighting system that allows you to simply unplug existing Fluorescent PL13 bulbs and plug in the LED Diamond Lite unit without the need of any electrician or retrofitting of your showcase. It truly is as easy as PLUG & PLAY!

■ TOTAL COMPATIBILITY

The first and foremost advantage of using the LED Diamond Lite versus any other LED retrofit system is that our unit is totally compatible with existing Fluorescent PL13 units. Simply unplug the existing Fluorescent PL13 units and plug in the LED Diamond Lite. There is no electrician and/or retrofitting of the actual showcase required in any way thus saving enormous costs and downtime versus any other solution of other LED retrofit systems. The LED Diamond Lite will not void any showcase warranty because only the light bulb is being changed.

■ PROVEN DRAMATIC SALES INCREASES

Actual In-Store test results have demonstrated our LED Diamond Lite product **increased jewelry sales a minimum of 200% to 300%** after replacing the traditional Fluorescent PL13 bulbs.

■ ENORMOUS ENERGY SAVINGS

No electrician or retrofitting is required. In addition to this valuable cost saving the LED Diamond Lite is energy efficient. A retailer currently using Fluorescent PL13 units consumes 13 watts per bulb per hour. The LED Diamond Lite unit will use 8 watts per hour. Assuming usage of 8,760 hours per year at an energy cost of 12 cents per kilowatt, that would equate to a savings of \$5.78 per unit per year **IN ENERGY COSTS ALONE.**

■ PAYBACK (ROI) 3 YEARS OR LESS

Based on Energy Savings, Bulb Replacement Cost and Maintenance Cost. **BEFORE FACTORING IN INCREASED SALES RESULTS OF 200-300%.**

■ SUSTAINABILITY / GREEN BENEFITS AND SAVINGS

Our LED Diamond Lite has **no mercury** to dispose of that harms the environment and there are no disposal costs. It costs \$1.00 to dispose of a traditional Fluorescent PL13 bulb with mercury. **No Ultra Violet Light** - Fluorescent lights have UV light which changes the color of fixtures and changes chemical compounds. Our LED Diamond Lite unit has none of these effects.

■ BUILT-IN HEAT SINK

Heat dissipation is a challenge in LED designs. LED Diamond Lite has an aluminum extrusion enclosure with built-in heat sink/radiation fins located near the LED to disperse heat caused by the LED and keep them running cool. **Built-in glare control** - Glare is eliminated at normal viewing angles when installed at the typical 45 degree angle due to a built-in glare shield.

■ POSITIVE ASPECTS OF LED DIAMOND LITE VS. EXISTING PL13 CFL BULB

- No Heat in the light source, which creates cooler temperatures in the jewelry cases.
- No Ultra Violet Radiation.
- No Mercury.
- Very Rugged Design to prevent breakage.
- Very Consistent Color temperatures (CCT) from bulb to bulb.
- High Lumen (Brightness) levels compliment the merchandise.
- Extensive reliability data supporting the lifetime of up to 50,000+ hours.
- Very directional light eliminating wasted light and reflection.
- Cuts Energy Consumption in Half.
- US Patent # D614,323 S.
- UL Approved.
- **PROVEN ACTUAL IN-STORE TESTS INCREASED SALES 200-300%.**