



# AESOP ENERGY OPTIONS

Alternative Energy  
Solutions Of the Piedmont

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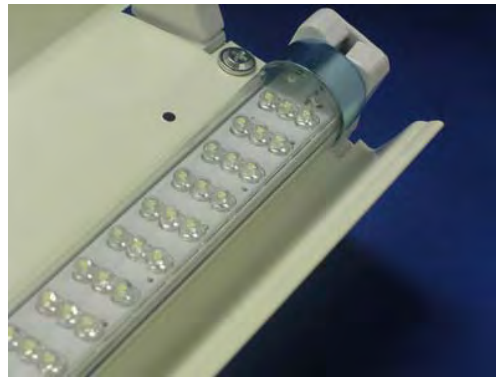
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## LED T-8 Tubes

### LED Fluorescent Light

encloses LEDs into the acrylic tube housing to emit light like a conventional T series fluorescent light. For use in Offices, Task Lighting, Store Displays, Warehouse Illumination, Under Cabinets, RVs, Buses, Trains and other commercial applications. Easily replace conventional T8 Fluorescent lights.

**Features** - High Brightness - Easy Installation - Extended Life - Humidity/Moisture Resistant - Energy Saving - Simple Retrofit - Ballast is Bypassed - Instant On - No Mercury content - No Radio Frequency Interference - No Buzzing - No Flickering



### Advantages of LED:

- ▶ **Energy savings averages 50-80%.**
- ▶ **Lifetime of a fluorescent is 10-20,000 hrs; LED is 50,000 - 100,000 hrs.**
- ▶ **Lower maintenance on re-lamping.** The storage of bulbs, replacement parts, and the logistics involved are hidden costs to any re-lamping project.
- ▶ **No low-level radiation or damaging UV rays.**
- ▶ **Working temperatures of -20 – 140 degrees Celsius.**
- ▶ **Average Return on Investment (ROI) is 30-50%.**
- ▶ **Better light quality over lifetime; no flickering.**
- ▶ **Low heat emanation means money saved on cooling costs.**
- ▶ **LED light is very easy on the eyes and can be dimmed.** Studies have shown that they can cure Seasonal Affective Disorder as well as increase productivity by 3% or 1 hour a week.
- ▶ **Meets or exceeds Energy Star standards in SSL and Meeting the Dark Sky Standards of the IDA.**