

# Introduction to T8 LED Tube Light Fixtures

This fixtures are indoor lighting appliances that are most commonly used in offices, homes, and other places. These lights can replace traditional fluorescent tubes and work best with standard ceiling heights.

## What will you learn in this Presentation

- T8 LED tubes
- Types
- Bases
- What T8 LED tubes have to offer?



## T8 LED Tubes

T8 LED tube light fixtures are energy-efficient replacements against fluorescent counterparts. They are best for shops, offices, storage areas, and commercial garages. The 180-degree beam angle provides uniform brightness throughout the area.





## + Types

- Ballast compatible
- Ballast bypass
- Integrated tubes
- Hybrid tubes

## + Bases

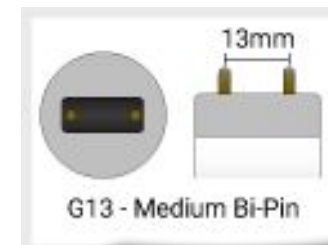
- FA8 base (Single pin)
- G13 base (twin pins)
- R17 base (180 degrees adjustable)



R17D - Recessed  
Double Contact



FA8 - Single Pin



G13 - Medium Bi-Pin

## What T8 LED tubes have to offer?

- **Energy-efficient:** They convert approximately 95% of energy into bright light. The loss of energy is less than 5% in form of heat.
- **High CRI:** The color rendering index is the measure of how accurate the colors are in comparison to daylight. LED mostly have 80+ to 90+ for better visibility.
- **Long-lasting:** They do not generate excessive heat and have fragile components so they can sustain up to 50,000 or more.
- **Certification:** Most of these tubes are UL and DLC certified, which makes them rebate eligible with many utility providers.



