

# Longer life lighting for a longer living planet.



## Installation is simple.

### LED TUBE: Important Information

Only qualified electricians should undertake the LED modification procedure below. For further information please call Spectrum head office 02 9300 9800.

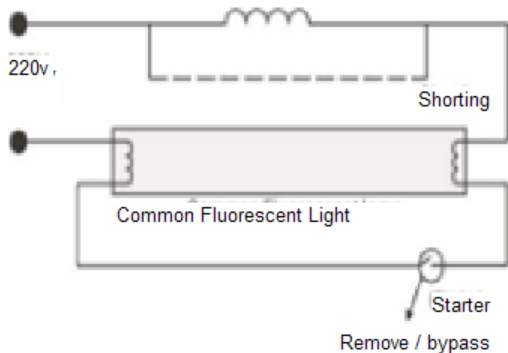
LED Tube Lights™ are the ideal energy efficient replacement for fluorescent tubes. Installation can be quickly performed by a qualified electrician.



**STEP ONE:** Remove the conventional T8 fluorescent lamp from its housing.

**STEP TWO:** Remove from the housing the standard starter and ballast, or short the ballast connect lines.

**PART A, Note:** Electronic ballasts can have the starter and ballast combined so proceed to step two if the starter is not separate from the ballast. The LED light operates on a 240 volt circuit. This step is crucial to the LED operation and warranty will be void if the stater is not removed



**PART B, Note:** This step is essential for troughers with electronic ballast as the starter is incorporated so need to be bypassed. This is not necessary when using troughers with magnetic / iron core ballasts however we recommend this step be undertaken to achieve maximum energy savings.

**STEP THREE:** Install Spectrum Lighting's LED Tube Lights™.

**STEP FOUR:** Enjoy hours of superior quality LED lighting at a substantially reduced cost.

*Note: Rectifier and fluorescent starter are not required when installing to a traditional frame. One brown and blue wire remain from 240v power supply to connect to each side of the fluorescent lamp.*