

reducing energy costs & protecting the environment

Installation Guide for T5 Style NET LED Tubes

Remember - Safety First!

Any electrical work should be undertaken by a licensed electrician. Do not modify the internal elements of your lighting fixture unless you are a qualified electrician. When installing NET LED Tubes please follow safe practices, including ensuring that you are on a safe height platform and that you turn off all power to the fixture.

Remove Existing Electrical Components

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| 1. | Turn all light fixtures off at the supply before starting the installation |
| 2. | Remove your old fluorescent tube. |
| 3. | Remove the starter; usually by twisting it anti-clockwise and pulling it out |
| 4. | Remove/bypass the ballast (s) and short together the input and output wires that were connected to the ballast |
| 5. | Install the 24V DC LED Driver*. |
| 6. | Rewire the connections in the fittings to achieve the following circuit. |

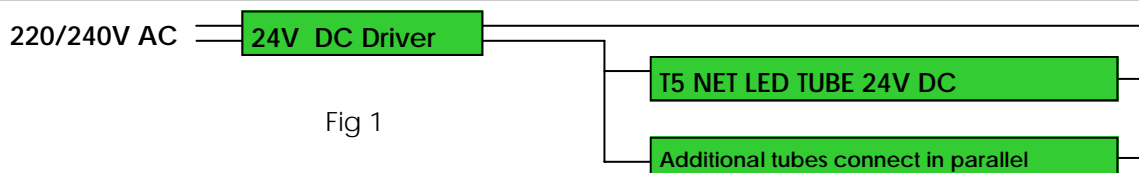


Fig 1

| | |
|----|--|
| 7. | Note the LED Tube is not Polarity sensitive |
| 8. | Simply install your new NET LED Tube (s) ensuring the illumination is facing down |
| 9. | Turn on your NET LED Tube (s) and enjoy instant economical and environmentally friendly illumination |



T5 NET LED Tube and Driver

*LED Driver Details

The power supply should provide 24V DC at a rated wattage at least 20% above the total wattage of the tubes to be powered. Power supplies can be purchased direct from N E Technology or most reputable electrical wholesalers.

A qualified electrician will be required to remove/ bypass the electronic ballast from the light fitting. If the fitting contains any additional control gear or power factor correction capacitors we recommend that these are all removed and the circuit rewired to represent that shown in figure 1.

N.B. NET LED Tubes can only be used in emergency light fittings in conjunction with a NET 30VA/REL Pack. See page 12 for further details.

N.B. Caution: Installation of a T5 Tube without making the above changes to the existing fitting will result in damage/failure of the tube .