

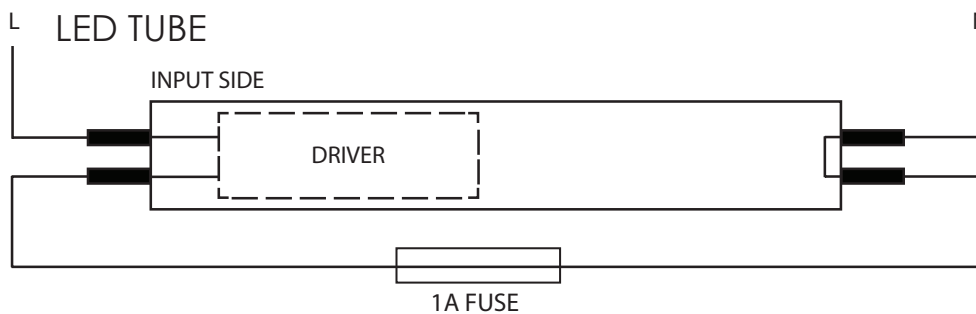
## ENSA LED Tube Light Installation Guide

Please note that this guide applies only to fluorescent light fixtures fitted with standard Magnetic Ballasts. Installation in lighting fixtures using Electronic Ballasts or non-standard magnetic ballasts will require rewiring by a qualified electrician.

- 1 Turn off power at the light switch and leave the light off for at least 10 minutes to cool down.
- 2 Remove the fluorescent tube and fluorescent starter from the light fixture, disposing of them accordingly.
- 3 Replace the fluorescent starter with the included "LED STARTER" fuse included with the LED tube light.
- 4 Fit the new LED tube light into the light fixture and turn on the light switch to test.

Wiring diagrams below are a reference only. All installations should be carried out by a qualified electrician.

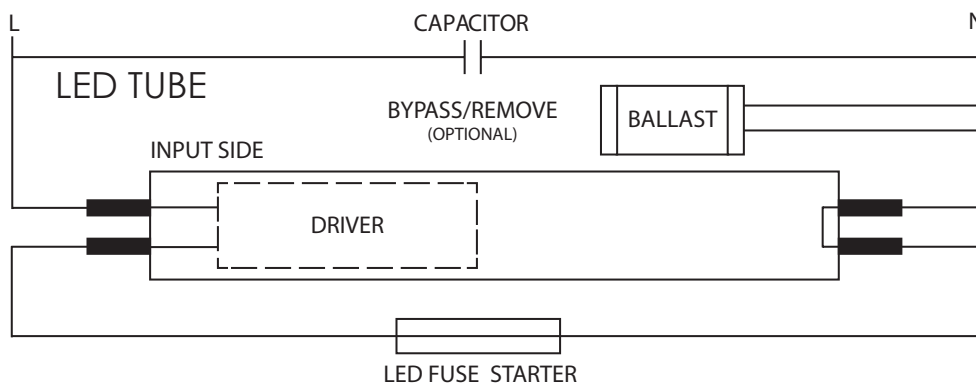
### Installation Method 1 - New Installation



#### Notes

- To avoid potentially damaging short circuit, wire as per the diagram left.
- FOR SAFETY REASONS: You **MUST** add 1A Fuse as per the diagram.

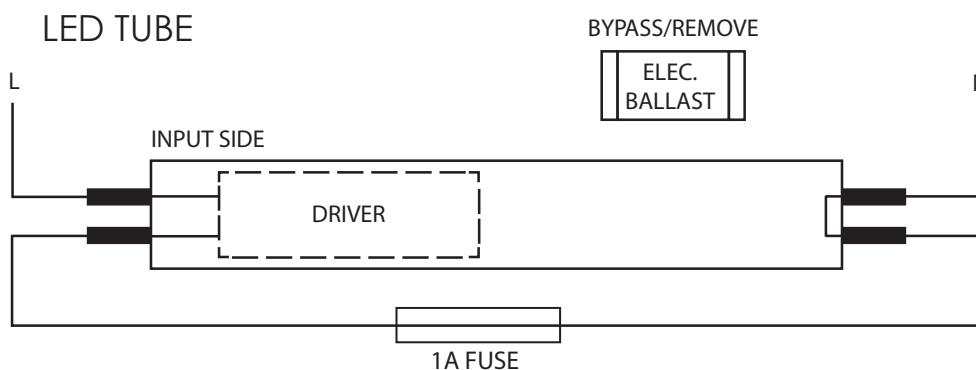
### Installation Method 2 - Magnetic Ballast Retrofit Installation



#### Notes

- Bypassing/removing the magnetic ballast and capacitor will increase energy savings and assist with power factor.
- Starter **MUST** be changed to LED fuse starter.

### Installation Method 3 - Electronic Ballast Retrofit Installation



#### Notes

- The electronic ballast **MUST** be removed or bypassed.
- FOR SAFETY REASONS: You **MUST** add 1A Fuse as per the diagram.