

LINEAR CONVERTER RANGE

ECT2, ECT2Q, ECT4, ECT5, ECT6, ECT8

INSTALLATION NOTES

To aid installation, please ensure you have the following information to hand.

1. **Fitting technology**

Switch start electromagnetic ballast - high frequency - electronic (no starter).

2. **Fitting style**

Single - twin batten - twin modular – 600 x 600 2ft quad – 600 x 1200 4ft quad.

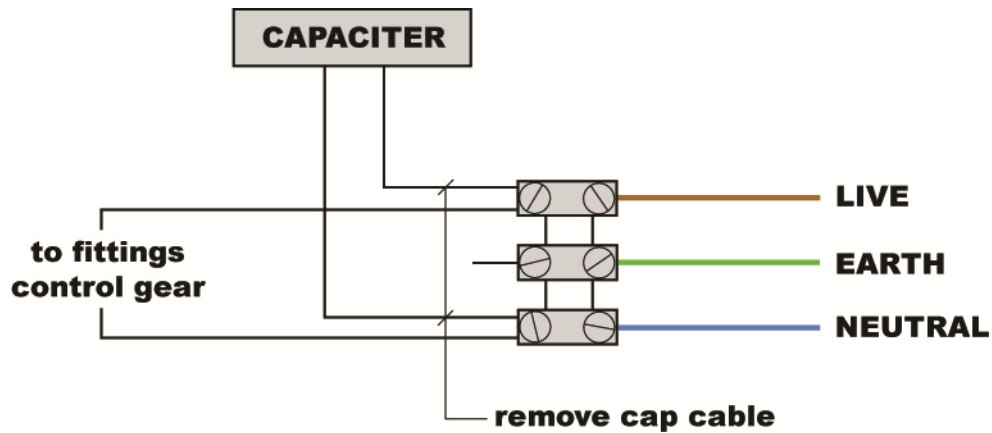
If you are unsure as to which type/style of fittings installed please contact a competent technician

If removing the PF capacitors, before installing the linear adaptors please follow the information below.

- Disconnect power from the fitting at the fuse board and wait at least 1 minute.
- Remove the lid of the luminaire and gain access to its supply connections.
- Identify the capacitor, usually across Live and Neutral terminal on the supply terminal block (consult a competent technician if its in a different location)
See diagram 1.
- Identify the wires for the capacitor and remove them from terminal block (all other wires should remain in the terminal block).
- As per WEEE directive the capacitor can be removed from the fitting and disposed.
- Fully tighten all terminations with no loose strands.
- Replace the lid of the luminaire.
- Install the linear adaptor in place of the existing T8/T12 lamp
- Reconnect the power to the luminaire at the fuse board.

For All fittings with PF Capacitors in side, please remove as per diagram below

DIAGRAM 1



PLEASE MAKE SURE ALL SCREWS ARE RETIGHTENED AFTER REMOVING CAPACITOR

Specific Details For Different Switch Start Fluorescent fitting Types

2ft 3 tube modular fittings where two lamp ways are wired in series and 1 lamp way is wired traditionally.

The two series lamps need to be replaced with 2x ECT2Q adapters and their two starters replaced with the capacitors supplied.

The single lamp way needs to be replaced with 1x ECT2 adapter where the original starter only needs to be removed.

2ft 4 tube modular fittings where the fitting is wired as two pairs of 2 lamp ways wired in series.

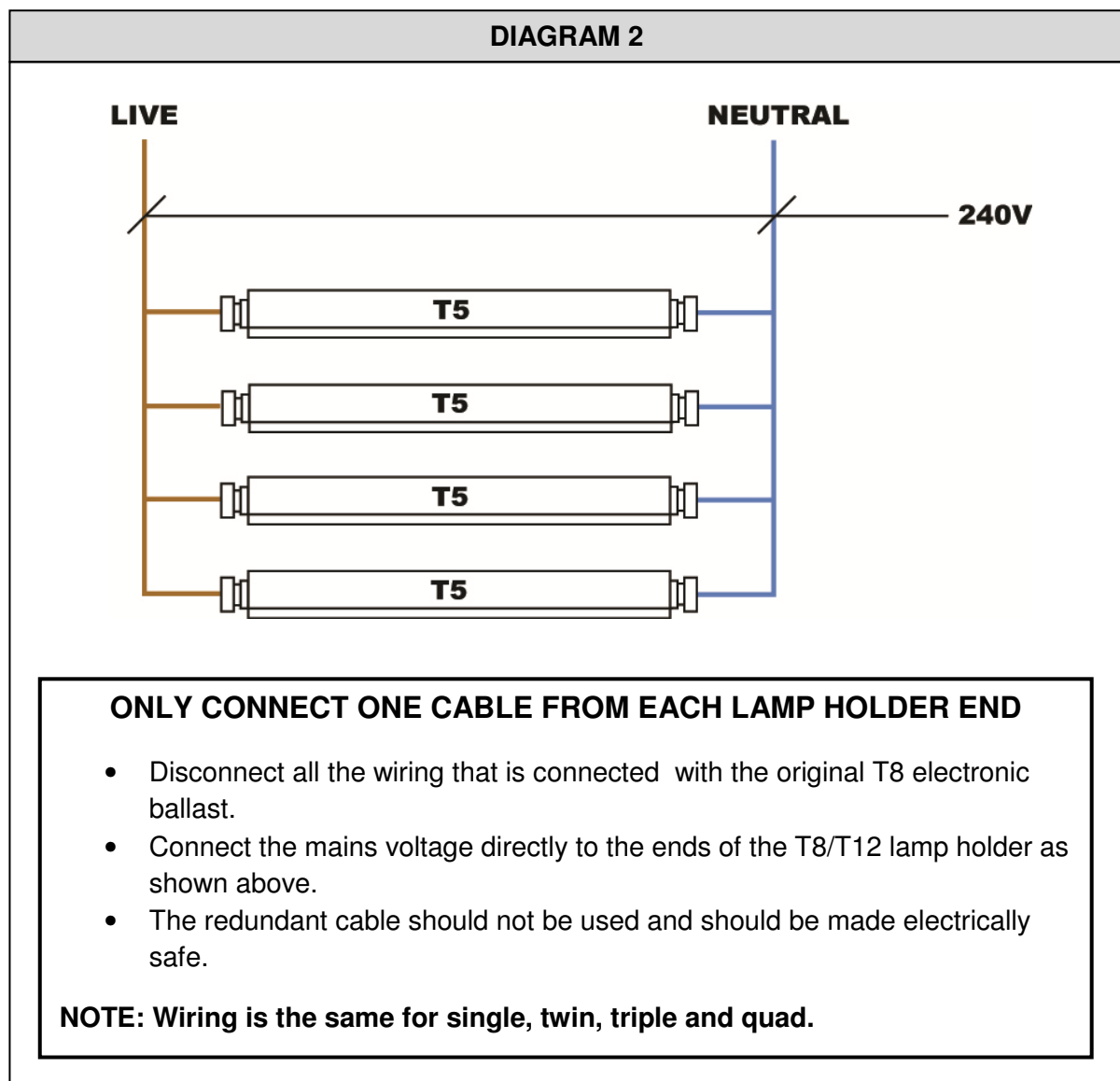
The 4 lamps need to be replaced with 4x ECT2Q adapters and their four starters replaced with the capacitors supplied.

2ft twin fluorescent fittings where two lamp ways are wired in series

The two series lamps need to be replaced with 2x ECT2Q adapters and their two starters replaced with the capacitors supplied

All other switch start fittings as per installation notes above

FOR ALL OTHER FLUORESCENT FITTING WIRING TECHNOLOGIES:



ELECTROMAGNETIC COMPATIBILITY

The Eco-Teck range has been tested and certified as performing in conformance with the International Standard EN55015, Limits and Methods of Measurement of radio disturbance characteristics of electrical lighting and similar equipment.

When the linear converter is installed correctly, the converted luminaire will also comply with this standard.

These filters are readily available. This procedure should only be undertaken by a competent person.

For further assistance or technical advice please Telephone: 09067 112329