

Product Data Sheet

Product Name	INFINITY TUBE														
Product Code	LED__WC(O)45														
Description	T8 LED Tube in clear or opal cover														
Wattages	<table> <tr> <th>Code</th><th>Wattage</th></tr> <tr> <td>LED10WC45</td><td>10W</td></tr> <tr> <td>LED18WC45</td><td>18W</td></tr> <tr> <td>LED22WC45</td><td>22W</td></tr> <tr> <td>LED10WO45</td><td>10W</td></tr> <tr> <td>LED18WO45</td><td>18W</td></tr> <tr> <td>LED22WO45</td><td>22W</td></tr> </table>	Code	Wattage	LED10WC45	10W	LED18WC45	18W	LED22WC45	22W	LED10WO45	10W	LED18WO45	18W	LED22WO45	22W
Code	Wattage														
LED10WC45	10W														
LED18WC45	18W														
LED22WC45	22W														
LED10WO45	10W														
LED18WO45	18W														
LED22WO45	22W														
Lampholders	T8														
Control Gear	Integral driver														
Input rating	90-277V~50/60Hz - 0.5A max														
Power factor	0.95														
Materials															
- Housing	Aluminium housing with plastic cover														
Ra	70 Cri														
Colour temperature	4500°k-5500°k														
Life	30,000 at L70														



Dimensions (mm)			Wattage (W)	Lumens	Wgt (kg)
Model	Dia	Length			
LED10WC45	28	604 (max)	10	910	0.18
LED18WC45		1213 (max)	18	1600	0.34
LED22WC45		1514 (max)	22	1800	0.43
LED10WO45		604 (max)	10	750	0.18
LED18WO45		1213 (max)	18	1400	0.34
LED22WO45		1514 (max)	22	1600	0.43

Installation instructions

Existing single lamp T8 -

Remove the original fluorescent lamp(s) and starter switches.

Replace with the LED tubes and the supplied LED starters.

The LED tubes will now operate satisfactorily; however for added energy savings remove or disconnect existing power factor correction capacitor. The existing magnetic choke(s) can be removed or disconnected for further energy savings but ensure that the input and output wires from the choke are linked.

Series wired twin lamp T8

Remove the original fluorescent lamp(s) and starter switches

Gain access to the luminaire control gear and modify luminaire wiring as follows

Remove or disconnect the existing magnetic choke and ensure that the choke s input and output wires are linked together.

Remove or disconnect the power factor correction capacitor if fitted

Connect incoming neutral to the link wire that connects the two lamps in series

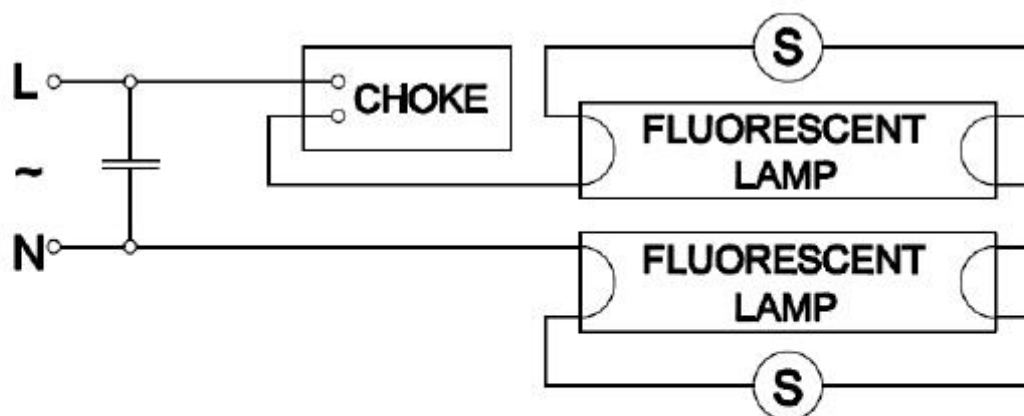
Link incoming live supply from the pin on the first lamp to the pin on the second lamp as shown in the diagram

Fit the LED tubes along with the supplied LED starters

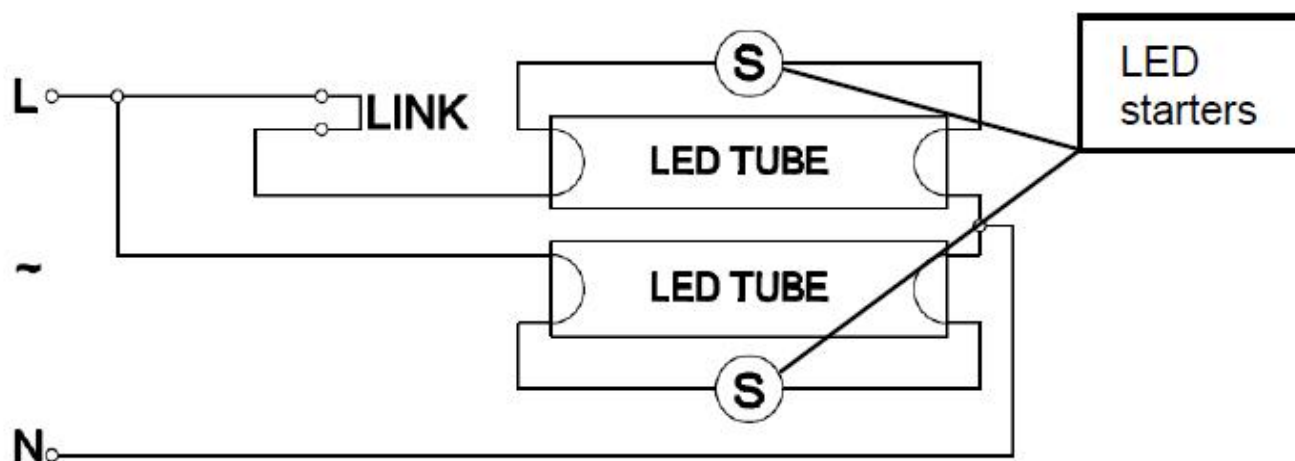
When converting a four lamp 18w T8 luminaires repeat the above procedure for the other pair of lamps in the luminaire, note that only one power factor correction capacitor may be fitted. For a three lamp 18W T8 circuit one lamp will be wired as 2.2 whilst two lamps will be wired as 2.7.

Product Data Sheet

Product Name	INFINITY TUBE
Product Code	LED__WC(O)45
Description	T8 LED Tube in clear or opal cover



EXISTING TWIN LAMP SERIES CIRCUIT



MODIFIED CIRCUIT FOR USE WITH LED TUBES