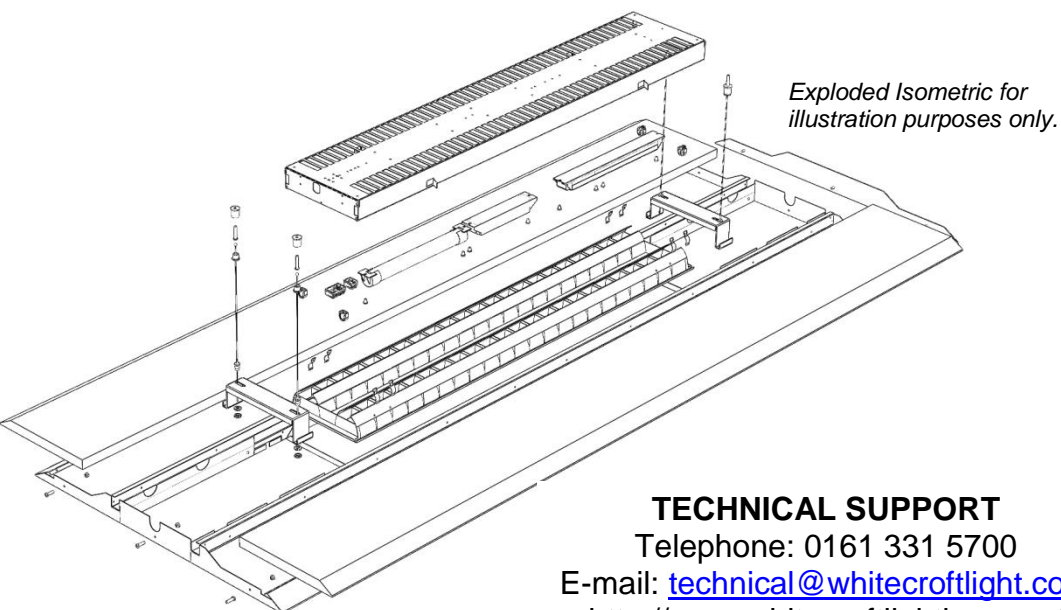


## SPECIFICATION

Foil is available in 2200mm long bodies in 600 & 800 widths with acoustic material depths of 30 or 48mm. Luminaires can be mounted individually or continuous & come complete with segregated wireways for additional service cabling. Foil has a positively retained louvre and offers an 80% down, 20% up light distribution. Foil is supplied with an adjustable wire suspension kit and clutch retention system for direct ceiling mounting. Infill panels & corner pieces are available in various sizes for continuous mounting.

|                 |   |  |
|-----------------|---|--|
| Finish:         | Luminaire   | - Silver RAL 9006 30% gloss polyester powder-coat.<br>- White RAL 9010 30% gloss polyester powder-coat |
|                 | Canopy/Gear Tray  | - White RAL 9010 30% gloss polyester powder-coat.  |
| Materials:      | Foil Wing   | - 0.9mm micro perforated mild steel  |
|                 | Canopy/Gear Tray  | - 0.7mm mild steel.  |
|                 | Louvre  | - Specular MIRO 5 anodised aluminium.  |
| Control Gear:   | High frequency / DALI / DSI control gear as specified.  |  |
| Lamps:          | TwinT5 - 21w / 39w / 28w / 54w / 35w / 49w as specified |  |
| Operating Temp: | 25 C  |  |
| Supply:         | 240V  | Connection: - Unfused 2.5mm terminal block   |
| IP Rating:      | IP20  |  |

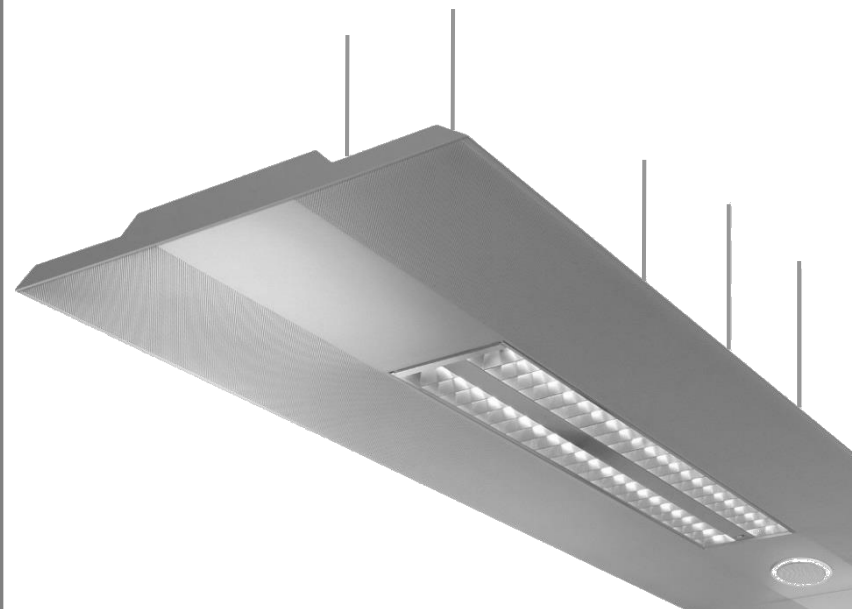
| Lamp  | 2x 21W | 2x 28W | 2x 39W | 2x 54W | 2x 35W | 2x 49W |
|-------|--------|--------|--------|--------|--------|--------|
| Power | 50W    | 62W    | 86W    | 119W   | 77W    | 109W   |



**TECHNICAL SUPPORT**  
 Telephone: 0161 331 5700  
 E-mail: [technical@whitecroftlighting.com](mailto:technical@whitecroftlighting.com)  
<http://www.whitecroftlighting.com/>

**Whitecroft**  
lighting

# FOIL



**SUSPENDED ARCHITECTURAL  
LUMINAIRE**  
 Installation Instructions



PK/LEAFLETFOIL

MAY 2015 - Rev K

**Whitecroft Lighting Limited**

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX  
 Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210

Registered No. 3848973 England

Registered Office: As above

## GENERAL INFORMATION

1. A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
2. This luminaire must be EARTHED.
3. Ensure that the rated luminaire voltage and frequency requirements are compatible with the available mains supply.
4. Cleaning of the reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.

## HIGH FREQUENCY BALLAST

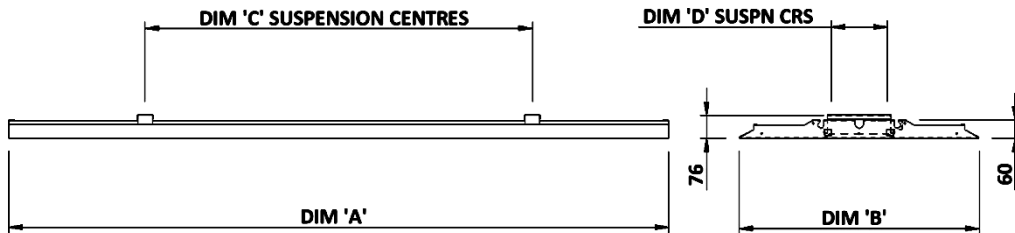
In order to protect High Frequency Ballasts, the unit will automatically go into a stand-by state and prevent operation if any of the following occur.

- (a) The fluorescent lamps are defective, incorrectly fitted or of the wrong type or wattage.
- (b) The mains voltage is too high, low or disrupted.
- (c) The ballast overheats.
- (d) There are poor electrical connections in the circuit.

To reactivate the ballast after the fault is corrected, switch the mains off for a min. of 10 sec Do not connect this unit in circuits containing switch start ballasts.

If you have any further queries, please contact **WHITECROFT TECHNICAL**.

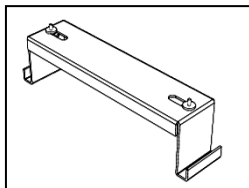
## PRODUCT DIMENSIONS (All dimensions are in 'mm'.)



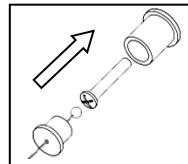
| TYPE    | DIM A | DIM B      | DIM C | DIM D | STD WEIGHT   | EM WEIGHT    |
|---------|-------|------------|-------|-------|--------------|--------------|
| 21W/39W | 2200  | 800 or 600 | 1290  | 193   | 21.5kg (800) | 22.5kg (800) |
| 28W/54W | 2200  | 800 or 600 | 1290  | 193   | 22.5kg (800) | 23.5kg (800) |
| 35W/49W | 2200  | 800 or 600 | 1590  | 193   | 23.5kg (800) | 24.5kg (800) |

## INSTALLATION DETAILS

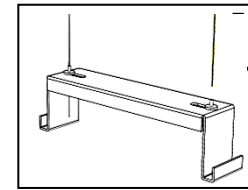
1. Remove Bracket from packaging and check the contents:  
2 x brackets with clutch  
4 x suspension wires  
4 x ceiling attachments  
Note: if using rod system, bracket only is supplied.



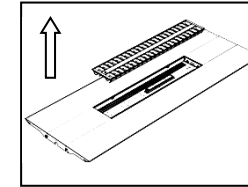
2. Mark suspension centres on ceiling and prepare the surface for mechanical fixings. Secure the ceiling attachments in position using a suitable screw or machine screw into a metal anchor or similar (not supplied).  
Note - Care must be taken to select a suitable method for fixing to ensure the safe mounting on the luminaire.



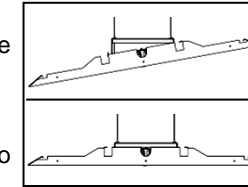
3. Feed each of the 4 suspension wires through the clutch mechanisms attached to the bracket and level to the correct height.



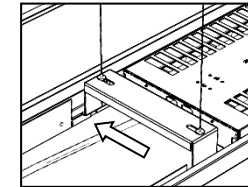
5. Wearing protective gloves (provided) – carefully remove louvre from body, detach earth and treasury tags.



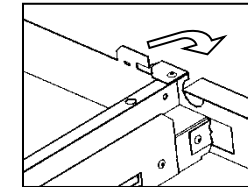
7. Using the correct PPE offer the luminaire up to the pre installed brackets at an angle, then level off and position the brackets to desired height



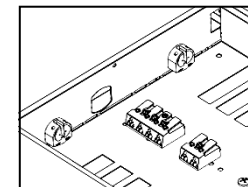
9. Once the brackets are secured either side, fold the tabs back into place under the brackets, this keeps them secure.



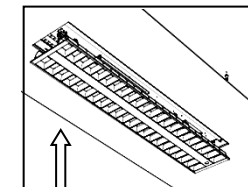
11. Should an infill be required, ensure the luminaires either side are in place first, fold the tabs on the infill at 90° & support from luminaire either side.



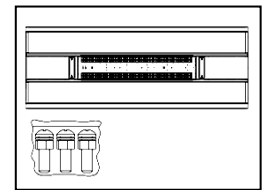
13. Feed power cable through cable entry hole & connect cables to terminal block.



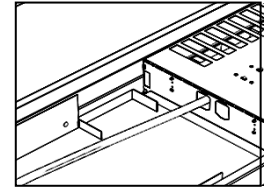
15. Re-attach earth and treasury tags to louvre and carefully clip into position wearing the protective gloves provided.



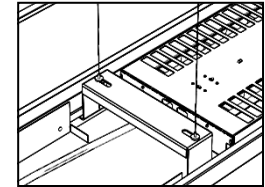
4. Remove the luminaire from the packaging & check contents.  
1 x Foil Fitting &  
1 x continuous mount Kit.



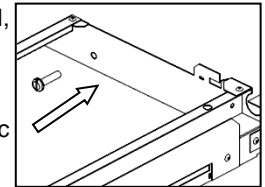
6. Fold out the 2 tags found in the 4 suspension location areas to 90°, this creates a hole for the suspension bracket to fit into.



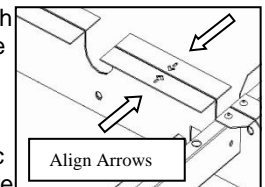
8. Position the bracket into the suspension location areas. Ensuring the end hook at each side of the bracket is securely located



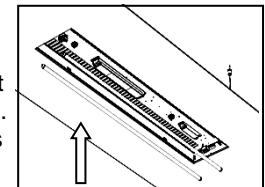
10. If securing to a wall, use the holes provided on the end flange and fix in place via screws. Do not remove acoustic inserts to aid this, as damage may occur.



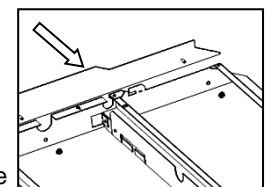
12. Secure together with fixings supplied. Ensure that the arrows on the rear face are aligned opposite as shown. Do not remove acoustic inserts as note 10 above



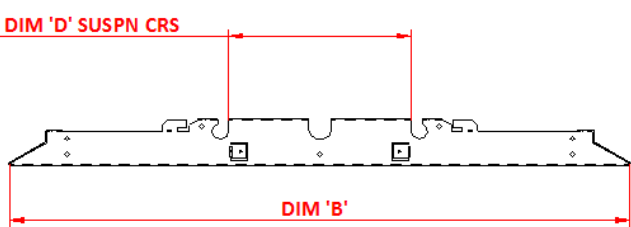
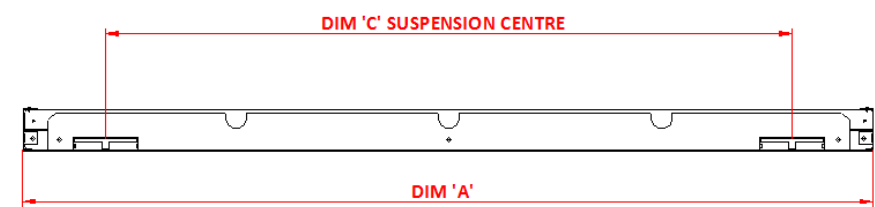
14. Insert lamps in correct orientation into the lamp holders. Twist to lock lamp in position. Connect battery cables on Em option



16. Attach the end cap on the end of rows or where required, using the 3 mounting holes and the nuts provided. Do not remove acoustic inserts as note 10 above



**INFILL DIMENSIONS** (All dimensions are in ‘mm’.)



| TYPE   | DIM A  | DIM B        | DIM C | DIM D |
|--------|--------|--------------|-------|-------|
| 400mm  | 400mm  | 600 or 800mm | 250mm | 193   |
| 800mm  | 800mm  | 600 or 800mm | 570mm | 193   |
| 1200mm | 1200mm | 600 or 800mm | 970mm | 193   |

**Please note that suspension kits are optional for 400 & 800mm infill panels but are necessary for 1200mm infill panels.**