

## SPECIFICATION

Foil is supplied in 2200mm long bodies with 600 & 800 widths & acoustic pad depths of 30 & 48mm. Luminaires can be mounted individually or continuous & come complete with segregated wireways for additional service cabling. Foil Micro Prism comes complete with a split micro prism diffuser optic and offers an 70% down, 30% 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. - 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.
	Internal Reflectors	- Specular MIRO 4 anodised aluminium.
	Diffuser	- 3mm Micro Prism Acrylic
Control Gear:	High frequency / DALI / DSI control gear as specified.	
Lamps:	TwinT5 - 21w / 39w / 28w / 54w / 35w / 49w as specified	

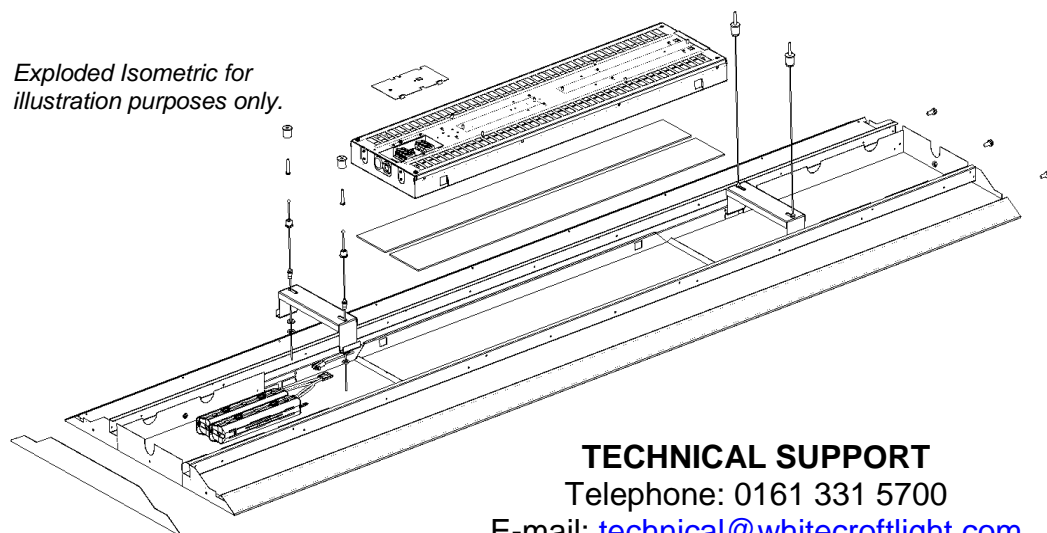
Operating Temp: 25 C

Supply: 240V Connection: - Unfused 2.5mm sq 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

*Exploded Isometric for illustration purposes only.*



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



## FOIL MICRO PRISM



### SUSPENDED ARCHITECTURAL LUMINAIRE Installation Instructions



PK/LEAFLETFOILDIFF

MAY 2015 - Rev F

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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

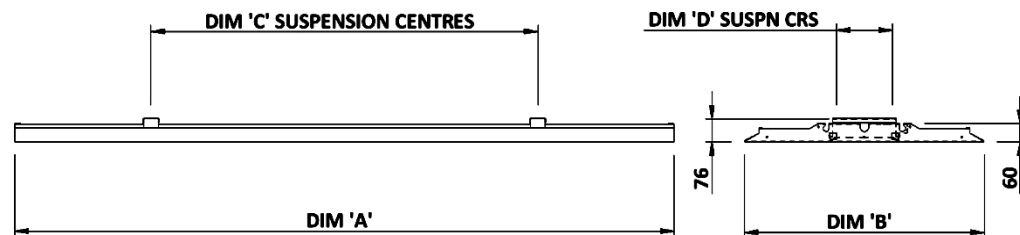
In order to protect High Frequency Ballasts, the unit will automatically go into a stand-by state and prevent operation if any of the following occur.

- (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**

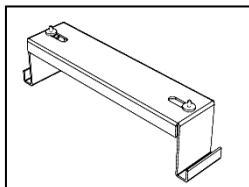
## PRODUCT DIMENSIONS (All dimensions are in 'mm'.)



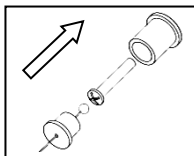
TYPE	DIM A	DIM B	DIM C	DIM D	STD WEIGHT	EM WEIGHT
21W/39W	2200	800 or 600	1290	193	21.5kg (800)	22.5kg (800)
28W/54W	2200	800 or 600	1290	193	22.5kg (800)	23.5kg (800)
35W/49W	2200	800 or 600	1590	193	23.5kg (800)	24.5kg (800)

## INSTALLATION DETAILS

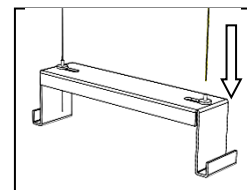
1. Remove Bracket from packaging and check the contents:  
2 x brackets with clutch  
4 x suspension wires  
4 x ceiling attachments  
Note: if using rod system, bracket only is supplied.



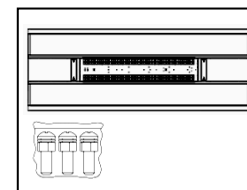
2. Mark suspension centres on ceiling and prepare the surface for mechanical fixings. Secure the ceiling attachments in position using a suitable screw or machine screw into a metal anchor or similar (not supplied).  
Note - Care must be taken to select a suitable method for fixing to ensure the safe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



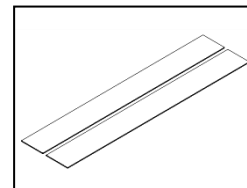
3. Feed each of the 4 suspension wires through the clutch mechanisms attached to the bracket and level to the correct height.



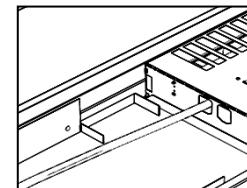
4. Remove the luminaire from the packaging & check contents :  
1 x Foil Fitting &  
1 x continuous mount Kit.



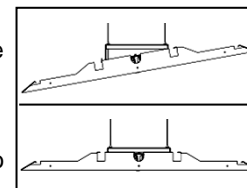
5. Wearing protective gloves (provided) – carefully remove micro prism diffusers from packaging. Supplied separate - bulk packed.



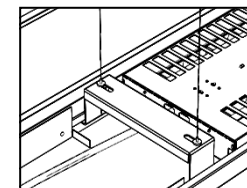
6. Fold out the 2 tags found in the 4 suspension location areas to 90°, this creates a hole for the suspension bracket to fit into.



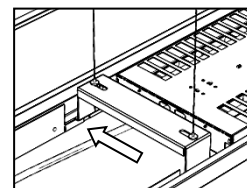
7. Using the correct PPE offer the luminaire up to the pre installed brackets at an angle, then level off and position the brackets to desired height



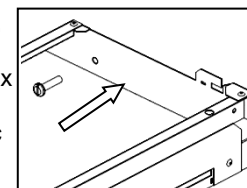
8. Position the bracket into the suspension location areas. Ensuring the end hook at each side of the bracket is securely located



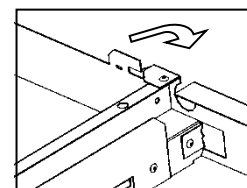
9. Once the brackets are secured either side, fold the tabs back into place under the brackets, this keeps them secure.



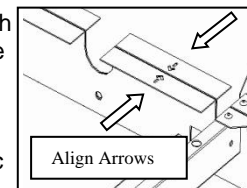
10. If securing to a wall, use the holes provided on the end flange and fix in place via screws. Do not remove acoustic pads to aid this, as damage may occur



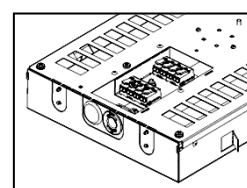
11. Should an infill be required, ensure the luminaires either side are in place first, fold the tabs on the infill at 90° & support from luminaire either side



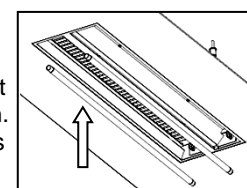
12. Secure together with fixings supplied. Ensure that the arrows on the rear face are aligned opposite as shown. Do not remove acoustic pads as note 10 above



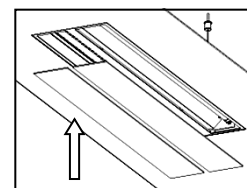
13. Remove the rear terminal block cover plate & feed power cable through cable entry hole. Terminate cables in block & refit cover plate.



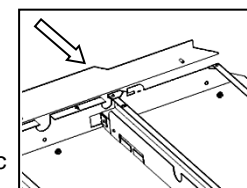
14. Insert lamps in correct orientation into the lamp holders. Twist to lock lamp in position. Connect battery cables on Em option



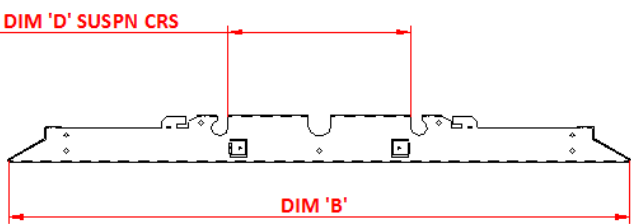
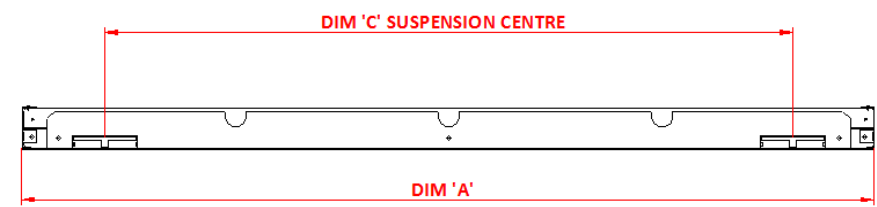
15. Offer diffusers into luminaire from below wearing the protective gloves provided and allow to rest on canopy flange under own weight



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 pads 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.**