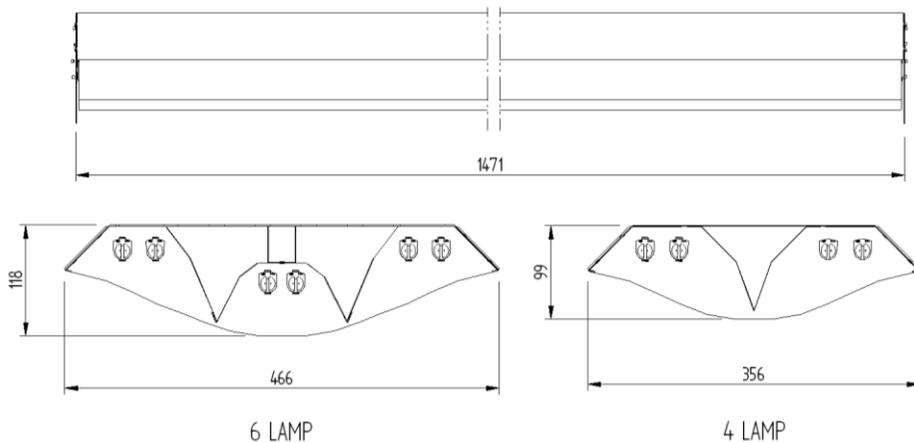


SPECIFICATION

Finish	Body	- RAL 9010
Materials	Body	- Rigid 0.7 mild steel
	Reflectors	- Polished, specular aluminium, MIRO4 and semi-specular aluminium 8510GP
Lamp Type	6 x 80/49W or 4 x 80/49W T5 (not supplied)	
Control Gear	High Frequency, Dali & DSI options	
Emergency	3 hour maintained integral inverter & batteries - EMIN Easytest - ET & Comet - CT options.	
Ingress Protection	IP20	
Weights	6 lamp – Std	= 10Kg / Em = 11Kg
	4 lamp – Std	= 6Kg / Em = 7Kg
Supply	240V AC, 50Hz	
Connection	1.5mm ² Panel mount plug & sockets on rear face.	
Ceiling Integration	Suspended (wire or chain)	

DIMENSIONS



TECHNICAL SUPPORT
Telephone: 0161 331 5700
E-mail: technical@whitecroftlight.com
<http://www.whitecroftlighting.com/>

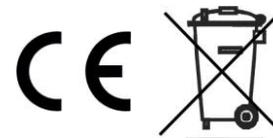
Whitecroft
lighting

AERIAL



SUSPENDED 4 OR 6 LAMP T5 HIBAY LUMINAIRE Installation Instructions

November 2010 - Rev B



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. If the luminaire incorporates high frequency electronic control gear, do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
5. Cleaning of the diffuser should be carried out using a lint free cloth and soapy water.
6. This luminaire is not suitable for mounting on normally flammable surface.

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 minimum of 10 seconds.

Do not connect this unit in circuits containing switch start ballasts.

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

PRODUCT DATA

AERIAL is a high efficiency retail or high rack warehouse lighting luminaire for mounting at heights above 4 metres.

There are 4 suspension points at centres as detailed below:-

6 lamp options = 1016 x 230 mm

4 lamp options = 1016 x 240 mm

Suspension can either be by WLL suspension wire kit (ordered separate) or by suitable hook & chain supplied by others

NOTE that on High Frequency options (none dimming) there are 2 separate electrical circuits within the luminaire as follows:-

Separate Neutral

Circuit 1 Outer four lamps or pair (may be referred to as non-essential)

Circuit 2 Inner, central, pair of lamps (may be referred to as essential)

If the luminaire is also an integral maintained Emergency fitting, the emergency lamp will be one of the inner pair of lamps.

Luminaires are supplied complete with plug and socket cable terminations for ease of wiring & maintenance purposes.

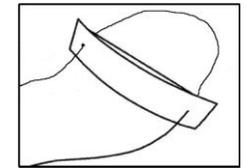
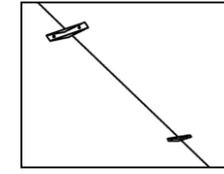
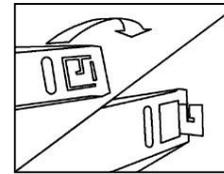
INSTALLATION DETAILS

Install the preferred Aerial suspensions in the desired positions in the roof space with reference to the suspension centres detailed. Holes in the four suspension tabs on the fitting are 4.3 mm diameter.

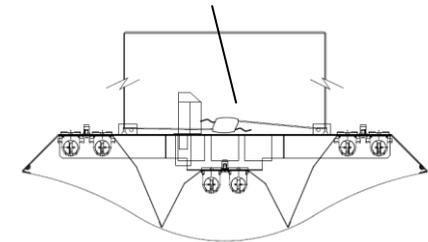
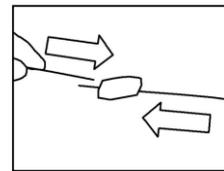
Suspension can be by wire / chain & hook supplied by others.

If a Whitecroft suspension kit has been purchased, proceed as follows:-

Take each ceiling bracket and fold up hook sections (x4). Attach the ceiling brackets to mounting surface through the two 5x20 slots in bracket at suspension centres given. Loop both ends of the wire through the ceiling bracket cover from the inside so that both free ends hang down to the luminaire.



Insert the free ends of the wires through the suspension holes in the bend out suspension tags of the fitting and then through the clutch as shown. The clutch should then rest on the top of the fitting between the suspension tags.



To adjust the mounting height, pull the wires through the clutch. Cut wire to length. Push the cover up, over bracket until clicked into place. **ONLY PERFORM THIS STEP WHEN COMPLETELY SATISFIED THAT THE FITTING IS SUSPENDED AND CORRECTLY ALIGNED**

ELECTRICAL CONNECTION

Electrical connections to the luminaire are facilitated via male & female rear mounted panel mounted sockets and plugs.

Proceed by wiring the supplied mating male and or female sockets in accordance with the variant of luminaire supplied.

Please note that plug wiring configuration will differ dependant on type of luminaire supplied. If in doubt please contact **Whitecroft Technical Support** for further details..

If luminaire is an Emergency variant, connect the battery pack and mark the installation date on the battery pack label.

Access to the batteries can be gained from the front of the luminaire by removing the central reflector (2 screws)

Fit the lamps, apply power and check for correct operation

If Emergency luminaire the LED charge indicator should be illuminated..