

**LOW INTENSITY AVIATION OBSTRUCTION LIGHT**

**OPERATIONAL MANUAL**

## **OPERATING MANUAL (LOW INTENSITY AVIATION OBSTRUCTION LIGHT)**

### **DESIGN HIGHLIGHTS:**

Instapower's specially designed Aviation Obstruction Lights has been developed keeping in mind the safety issues involved in the aviation industry. Instapower incorporates a special patent applied LPM technology for enhanced product life. Though utmost care is taken while manufacturing and testing of each light, it is imperative that the lights are installed appropriately following the guidelines of the manual.

### **PACKING:**

Instapower's light is carefully wrapped in plain transparent plastic to prevent the light from scratches and then put in a specially designed box and packing material which is suitable for air/sea/land transit.

### **INSTALLATION INSTRUCTIONS:**

- Instapower has various models of Aviation Obstruction Lights. It is critical to first check the label/sticker on the light which mentions the operating voltage for that light. The light must not be plugged in any other voltage source than mentioned on the chassis of the light.
- Suggested following tests should be performed on ground before installing light on the tower:
  - The light should be checked by applying the voltage mentioned on the chassis
  - If voltage label is missing from the light then contact Instapower's local sales representative for information giving Model No. and Serial No.

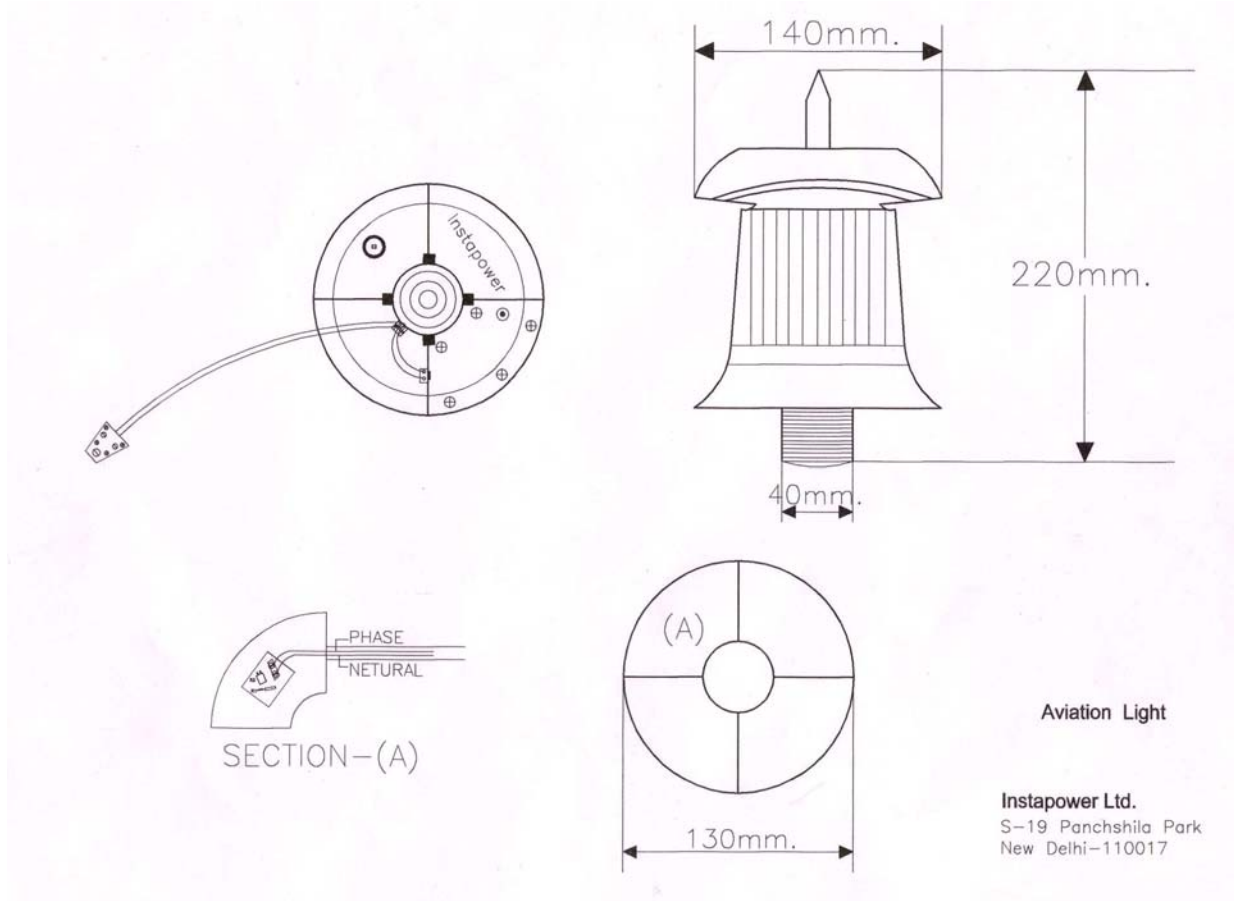
Following care should be taken while mounting the light on top of tower/structures:

- Fix the light on top of the tower/structure
- Carefully unscrew the aluminum plate at the bottom of the light
- If the light requires AC voltage, ensure that the two pin connector inside the aluminum plate is properly connected with the armored wire from the base station
- If the light requires DC voltage, ensure that positive and negative terminals marked on the two pin connector inside the aluminum plate are properly connected with the armored wire from the base station
- Clamp is provided to hold the armored wire with the chassis of the light to prevent the wire from snapping
- Carefully screw the aluminum plate back to the bottom of light
- Take care to ensure that the chassis of the light is earthed properly.

After performing the above steps you have successfully installed the light. Congratulations!!

## Connection Diagram

SECTION (A) refers to base of the light.



## TROUBLESHOOTING:

If light is not glowing, check and report

- Voltage at input of light
- Voltage at output of light
- ON/OFF Sensor

**SAFETY ISSUES:** Instapower would not be liable for any safety laxity while installing the lights. The workers should be properly equipped with necessary tools, instruments to install the lights. Though the company has mentioned suggested tests and care, Instapower at no point would be liable for any injury/death of any workers installing the lights.

**LIMITED WARRANTY:** Instapower products are warranted for a life of two years from the date of supply. The warranty would be void if the light is tampered/seal is broken/proper voltage is not applied. The warranty only is for repair of the light at the premises of Instapower within the warranty period. No stand by lights would be provided during the time carried out in repairing the light.