

# **RIC LightMaster™**

## **UBLL3-L21**

### **Ultra Bright 3-LED Landing Light**

# **USER MANUAL**

#### **Features:**

- 1 Watt
- 45 Lumens of light output
- 25 degree viewing angle
- Plugs directly into R/C LightMaster™ controllers
- 4.8V to 6.0V power source
- 22 gage wire

#### **Specifications:**

- 0.83" (21mm) Diameter Lens
- 0.59" (15mm) long from base bottom to lens face (not including wire leads)
- Draws 350mA when sourced with 6.0V
- 0.53oz (15g) complete with connectors and 2 feet of wire

### **ULTRA BRIGHT LANDING LIGHT – SINGLE LED (UBLL1-L21):**

This bright landing light by R/C LightMaster™ is brilliant enough to be seen in the air, even on sunny days. The light, complete with connector and 2 feet of wire weighs about ½ ounce.

### **USING THE LIGHT:**

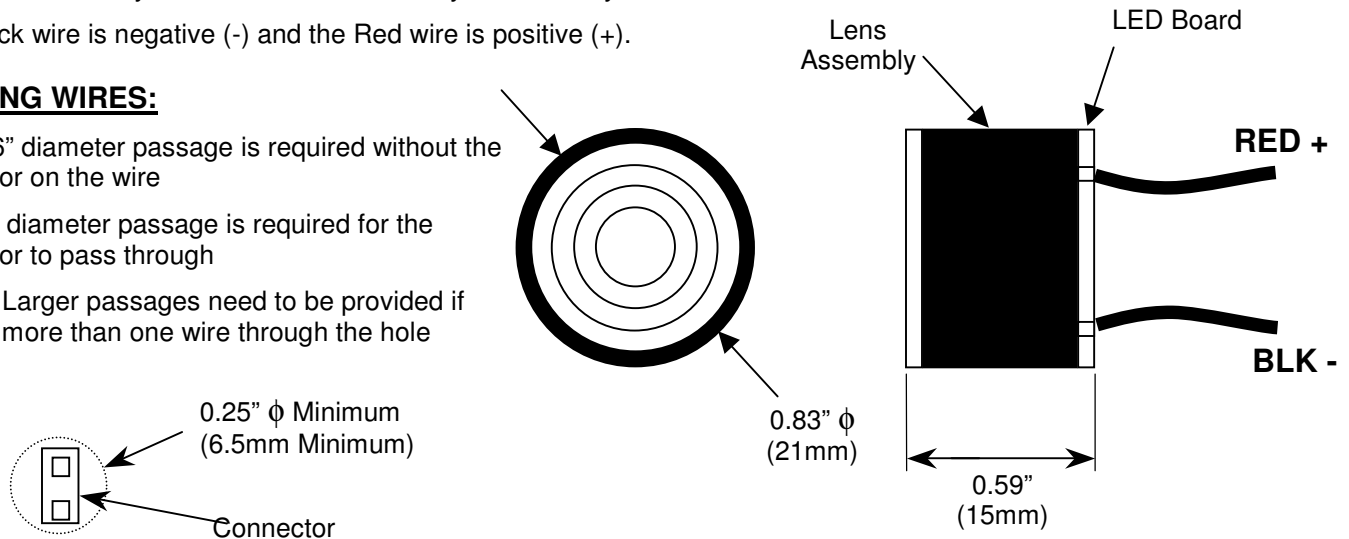
This Ultra-Bright LED is designed for use with the R/C LightMaster™ Lighting Controller. Use of this LED with any other controller will be at your own risk and will nullify the warranty.

The Black wire is negative (-) and the Red wire is positive (+).

### **RUNNING WIRES:**

- A 3/16" diameter passage is required without the connector on the wire
- A 1/4" diameter passage is required for the connector to pass through

NOTE: Larger passages need to be provided if running more than one wire through the hole



### **ASSEMBLING & MOUNTING THE LED:**

- The lens assembly can be glued to the LED board with thick CA (and accelerator if you wish).
- It is highly recommended to build a support for the wires to help keep the LED secured in place. Plan to support the wires about 1" from the LED board.
- Make sure that the metallic back side of the LED base is clear from obstructions. This is the heat sink, and it must have some open air by it to dissipate heat.

### **NOTES:**

- The heat sink will get hot to the touch. This is expected due to the amount of power the LED draws.
- Do not use hot-melt glue to mount the light. The light produces enough heat to soften this type of adhesive.
- Never operate the LED without the heat sink intact! Overheating can occur, damaging the LED and risking a fire!