

# MicroBurst™ Series Lighting

## LED Wingtip and Tail Lighting for Experimental and Light Sport Aircraft

### MicroBurst I Installation...

1. Drill two #4-40 mounting holes per suggested mounting pattern.
2. Connect the wires using the wire chart. All leads must be connected by FAA approved techniques using approved hardware.
3. Make sure the existing system is equipped with an appropriate sized breaker.
4. Remove two #4-40 screws from the MicroBurst taillight assembly.
5. Install the light assembly and insure that all leads are clear of any obstructions and ty-wrap as required.
6. Remount the lens and retainer onto the assembly. Attach the lens and retainer with two #4-40 screws. Secure light assembly using approved vibration resistant hardware methods.

### SPECIFICATIONS:

**Nominal Operational Voltage:** ..... 14 VDC

#### Typical Input Current:

LED Strobe Light (Average): ..... 0.15 Amps

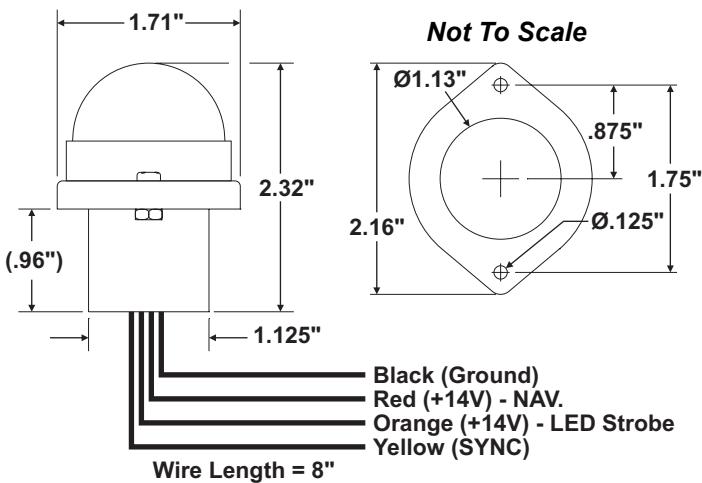
LED Strobe Light (Pulse): ..... 0.80 Amps

LED Strobe Light Flashrate: ..... 45± 5 per min.

Tail Navigation Light: ..... 0.2 Amps

Total Weight: ..... 0.15 lbs.

Replacement Lens P/N 68-3970991-30



### MicroBurst II & III Installation...

1. Drill three #4-40 mounting holes per suggested mounting pattern.
2. Connect the wires using the wire chart. All leads must be connected by FAA approved techniques using approved hardware.
3. Make sure the existing system is equipped with an appropriate sized breaker.
4. Remove two #4-40 screws from the MicroBurst wingtip light assembly to remove the lens retainers. Save these screws. Remove the lens and locate the three mounting holes.
5. Install the light assembly with gasket and insure that all leads are clear of any obstructions and ty-wrap as required. Secure light assembly using approved vibration resistant hardware methods.
6. Remount the lens and retainers onto the assembly. Attach the lens and retainer with the two saved screws.

### SPECIFICATIONS:

**Nominal Operational Voltage:** ..... 14 VDC

#### Typical Input Current:

LED Forward Nav Light: ..... 0.2 Amps

LED Strobe Light (Average): ..... 0.2 Amps

LED Strobe Light (Pulse): ..... 1.20 Amps

LED Strobe Light Flashrate: ..... 45± 5 /min.

Total Weight: ..... 0.2 lbs.

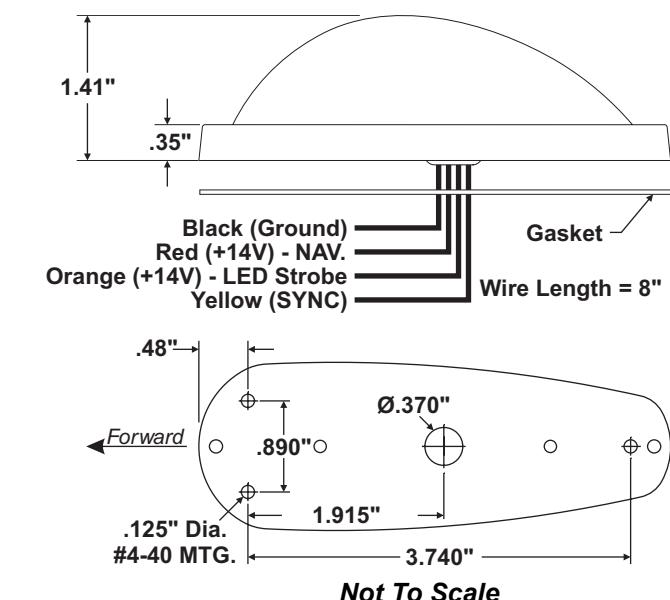
**MicroBurst II**

14VDC

**MicroBurst III**

14VDC

Replacement Lens P/N 68-3971132A30



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