

# WHELEN<sup>®</sup>

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Installation Guide:  
 Model(s) 9068001, 9068002  
 P/N(s): 01-0790680-01, -02  
**LED Wingtip Position Light Assembly**



TSO-C30c  
 TYPE I & II;  
 APPROVED

**SPECIFICATIONS:**

Nominal Operational Voltage: ..... 28VDC  
 (Operational from 22-32VDC)  
 Input Current..... 0.25 Amps

**EQUIPMENT LIMITATIONS:**

An approved forward lighting system consists of two lights, one located on each wingtip.

Certain types of installations may require additional testing.

**CONTINUED AIRWORTHINESS:**

The forward position light is designed with 6 Green LEDs or 8 Red LEDs.

If any one LED fails, the model must be repaired or replaced. NOTE: To reduce eye strain, use an optical filter such as dark glasses or a blue covering dome during LED inspection. The lens area of the assembly is equipped with an abrasion resistant, protective mask. This mask should be inspected for excessive scratching, pitting, discoloration, cuts, blisters, perforations or edge lifting. Replace the lens/retainer assembly as required.

The abrasion protective mask requires periodic cleaning and waxing. Clean lens with a non-alcohol based cleaning solution. After cleaning, wax lens with a non-silicon based paste wax.

**INSTALLATION PROCEDURE:**

The following information is to assist you in installing a Whelen light system. The installation procedure described in the following text will be confined to a left light installation.

1. Make the necessary wiring connections and test for proper operation of the LED module.
2. Using the appropriate #8 flat head screws, install the Lens/Retainer assembly onto the wingtip mounting flange.
3. Check all avionics systems for interference from this installation.
4. A flight check should be performed by a properly certified pilot.
5. Update aircraft records, complete form 337 and obtain FAA field approval for installation, as necessary.

*The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standards. TSO articles must have separate approval for installation in aircraft. The article may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements.*

