PSA Enterprises

Lakeland, Florida

PSA 927ACB Red or White, 12 or 24vdc

INSTRUCTIONS

This 927 series **LED** based unit is self-contained and requires no external power supply for installation. It is made with a polycarbonate lens that is UV protected and shatter resistant for durability. It is lighter, brighter, cooler, longer life and draws less than 1 amp (.2 amps). Weighs less than 2oz., stands 1.6" high (after mounting) and fits the same foot print as a standard Tail Light (with 1.8" CC Mounting). Available in 12V & 24V meets standard and nationally recognized specifications. NON-**PMA.**

Technical Specification

Mounting is via two Mounting studs 632 x 7/8" through two owner provided mounting holes 9/64" diameter and using 632 rivnuts, nut plates or 632 KEP nuts if access to the studs is available. Also, one owner provided hole (11/16" diameter) for the socket.

Operation and Installation

Installation is allowed under CAR 3 Regulations where applicable with the owner/operator maintenance and repair rules.

Continued Airworthiness

The 927ACB series is designed with 45 LEDS. **Replace the lamp when 3 or more LEDS have failed.**

Installation

Test unit to a battery source or power supply to make sure unit is working before installing.

Black wires to ground, Red wires to positive 12v or 24v system power. In order for the unit to operate properly, you must provide both a positive & negative battery source.

*Check all airborne systems for EMC, EMI Interference.

*Flight check by a certified pilot before flight is recommended.

****MAKE SURE LIGHT UNIT IS NOT ON PRIOR TO AIRCRAFT START UP!***

Parts List

PSA TL& B-Lens, P927-45-12VW White LED Lamp, P927-45-12VR Red LED Lamp, P927-45-24VW White LED Lamp, P927-45-24VR Red LED Lamp, PSA TLG Gasket, 632x7/8 Phil Truss Machine Screw, 632KN Kep nut, 632 Riv-Nut, PSA B Beacon Socket.