

# WHELEN AVIATION LIGHTING



## MODEL 90340 SERIES STROBE ANTI-COLLISION/LED POSITION LIGHT ASSEMBLY (FOR COMPOSITE WINGTIP STRUCTURE) -

Same as 90340 series with addition of 3 feet of braided bonded protection.

**Specifications:** • LED Navigation Light Power Consumption: 0.5 amps @ 14 VDC, 0.25 amps @ 28 VDC • Weight: 0.60 lbs. (272gm) 14 VDC, 0.65 lbs. (295gm) 28 VDC • Exposed Height: 2.70" (69mm) • LED Colors: Aviation Red, Aviation Green & Aviation White 1.1 lbs. (499gm) • Lenses: Clear RFI coated glass: strobe, Clear Polycarbonate: Navigation Lights

Model No.	Approvals	Description	Part No.	Price
9034001	FAA TSO-C96a, TSO-C30c Types I	Pos Grn, 14V	11-05625	---
9034002	FAA TSO-C96a, TSO-C30c Types I	Pos Red, 14V	11-05626	---
9034003	FAA TSO-C96a, TSO-C30c Types I	Pos Grn, 28V	11-05627	---
9034004	FAA TSO-C96a, TSO-C30c Types I	Pos Red, 28V	11-05628	---
9037502	FAA TSO-C96a, TSO-C30c Types I	Pos Red, 28V	11-06599	---
19-170049-010	Retainer, A600 Lens Complete		11-13903	---



## MODEL 71110 SERIES STROBE ANTI-COLLISION/LED POSITION LIGHT ASSEMBLY -

71110 series is a wing tip mounted strobe anti-collision/position light assembly utilizing LED's for the forward position lights. The LED's provide a significant reduction in current draw over conventional position light bulbs. The strobe light lens assembly is radio shielded for maximum EMI/RFI protection.

Direct replacement (exact footprint) for the Whelen Model A650PG/PR series without replacing the current strobe power supply. Navigation light portion is wired with flying leads.

**Specifications:** • LED Colors: Aviation Red, Aviation Green • LED Navigation Light Power Consumption: 0.25 amps @ 14 VDC or 28 VDC • Weight: 0.45 lbs. (204gm) 14 VDC, 0.50 lbs. (227gm) 28 VDC • Exposed Height: 2.70" (69mm) • Lens: Clear RFI coated glass: strobe, Clear Polycarbonate: Navigation Lights

Model #	Approvals	Description	Part #	Price
7111001	FAA TSO-C96a / TSO-C30c Type II	Pos Green, 14 V	11-05630	---
7111002	FAA TSO-C96a / TSO-C30c Type I	Pos Red, 14 V	11-05633	---
7111003	FAA TSO-C96a / TSO-C30c Type II	Pos Green, 28 V	11-05635	---
7111004	FAA TSO-C96a / TSO-C30c Type I	Pos Red, 28 V	11-05636	---



**MODEL A500A SERIES** - A500A series combination strobe/tail navigation light used when the wing tip anti-collision lights are mounted in an enclosure and can't provide 360° of strobe coverage. It is a direct replacement for the standard tail position light. Available in a radio-shielded version. Voltage (14 or 28) and mounting (horizontal or vertical) must be specified when ordering.

**Specifications:** • Weight: 0.3 lbs. (136gm) • Exposed Height: 1.7" (43mm) • Diameter: 1.5" (38mm) FAA/PMA, FAA TSO-C30b

Model No.	Description	Part No.	Price
A500AV14	Vertical Mount, 14V	11-03223	---
A500AV28	Vertical Mount, 28V	11-03255	---
A500AH14	Horizontal Mount, 14V	11-03249	---
A500AH28	Horizontal Mount	11-03264	---
A500AVD2	Vertical Mount, 28V, radio-shielded	11-06407	---
A500ABV1	Beech Special 14V, MS connector	11-03715	---
A500ABV2	Beech Special 24V, MS connector	11-03716	---



## MODEL 71105 SERIES LED POSITION LIGHT ASSEMBLY -

71105 series are fully FAA TSO compliant forward position lights. LED's provide a significant reduction in electrical current draw over conventional light bulbs. The 71105 is our latest design and lowest priced forward position light. Direct replacement for Whelen Model W1285 series (Version STC'd on Learjet Aircraft). **Specifications:** • LED Navigation Light Power Consumption: 0.25 amps @ 14 VDC or 28 VDC • LED Colors: Aviation Red, Aviation Green • Weight: 0.20 lbs. (91gm) 14 VDC, 0.25 lbs. (113gm) 28 VDC • Exposed Height: 2.70" (69mm) • Lens: Clear Polycarbonate

Model #	Description	Volt	Color	Leads	Part No.	Price
7110501	LED Forward Position Light FAA/TSO-C30c Type II	14	Green	Std - Red/Black	11-05629	---
7110502	LED Forward Position Light FAA/TSO-C30c Type I	14	Red		11-05631	---
7110503	LED Forward Position Light FAA/TSO-C30c Type II	28	Green		11-05632	---
7110504	LED Forward Position Light FAA/TSO-C30c Type I	28	Red		11-05634	---
7110512	LED Forward Position Light FAA/TSO-C30c Type I	28	Red	Shielded: White - White/Blue - Shield	11-13983	---



## WHELEN LED TAIL POSITION LIGHTS 71554 SERIES

Whelen 71554 Series LED Tail Position Lights are an exact footprint for Whelen Models A555A and 71011 Tail Lights.

**ALL Part Numbers are FAA TSO-C30c Type III, E-TSO approved.**

Model No.	Description	Part No.	Price
7155401	Horizontal Mount, 28 VDC	11-10682	---
7155402	Vertical Mount, 28 VDC	11-10683	---
7155403	Vertical Mount (Cessna), 28 VDC	11-10684	---
7155411	Horizontal Mount, 14 VDC	11-10568	---
7155412	Vertical Mount, 14 VDC	11-10686	---



**MODEL A555A SERIES** - A555A series tail mounted position light which uses a 25 watt halogen lamp. The suffix "V" or "H" in the part number designates the aircraft mounting screw locations in respect to the light shield. "V" designates vertical mounting and "H" indicates horizontal mounting on the aircraft. Supplied with a 2 position "AMP" connector. Specify 14 VDC or 28 VDC. Replaces the brand "G" A2064 series.

**Specifications:** • Exposed Height: 1.4" (36mm) • Mounting Diameter: 1.06" (27mm) • Power Consumption: 2 amps @ 14 VDC, 1 amp @ 28 VDC • Weight: 0.1 lbs. (45gm)

**ALL Part Numbers are FAA TSO-C30b Type III approved.**

Model No.	Description	Part No.	Price
A555AV14	Vertical, 14 VDC	11-03256	---
A555AV28	Vertical, 28 VDC	11-03267	---
A555AH14	Horizontal, 14 VDC	11-03270	---
A555AH28	Horizontal, 28 VDC	11-03275	---



**MODEL 50626 SERIES STROBE TUBE ASSEMBLY** - 50626 series strobe tube assemblies are used with the following model numbers listed in chart below:

Model #	Description	Used on	Part No.	Price
5062600	6"	Model 9011102	11-07681	---
5062601	6" w/Grom	Model 9034000 - 07, 20, 21 Model 7111001 - 04	11-07682	---
5062602	12.5" w/Grom	Model 9034008, 09	11-07683	---
5062603	2" w/Grom	Model 9037501, 02	11-07685	---



A610



A612

**MODELS A610 & A612** - A610 flash tube and A612 glass lens are used for installing wing tip strobes in single engine Cessna's 1972 and later. The existing position light retainer is modified to accommodate the lens, and the flash tube is mounted directly behind. The unique magnifying design of the A612 lens increases the light intensity by two to three times in the horizontal plane. These items may be used for custom installations or as spare parts for existing light assemblies. The A612 lens is available in Aviation Red and an RFI coated version. Lenses meet material requirements of MIL-C-7989B Class B.

**Specifications:** • Drawing Number A612: 90005 • A610 Flash Tube Weight: 0.09 lbs. (41gm) • A612 Lens Weight: 0.08 lbs. (36gm)

Model No.	Approvals	Description	Part No.	Price
A610	FAA/PMA	Standard unit, 6" leads	11-03213	---
A610M	FAA/PMA	Molex connector, 6" leads	11-03734	---
5027601	FAA/PMA	14" leads	11-07611	---
5027602	FAA/PMA	12.5" leads	11-07612	---
A612	FAA/PMA	Standard clear lens	11-03222	---
A612D	---	Radio-shielded, clear lens	11-03735	---
A612DR	---	Radio-shielded, red lens	11-07614	---