

# Lighting

**Landing, Taxi, Recognition,  
Navigation, Strobe,  
Position, and Beacon**

*Kits and accessories available too!*



## Aircraft Lighting

### Now offering AeroLEDs and Whelen Lights

We now have a full product line of taxi, landing, navigation, position, and beacon lighting from AeroLEDs and Whelen (WAT). These leading manufacturers offer high-quality light solutions for many major aircraft models including Aero Commander, American Champion, Beechcraft, Cessna, Cirrus, Grumman, Mooney, Piper, and Rockwell.



- FAA-PMA, STC, and TSO approvals
- Many solutions for experimental aircraft
- Replacement bulbs and accessories also available
- Save money with lighting kits!

### AeroLEDs

AeroLEDs offer high efficiency, direct LED replacements and retrofit solutions for virtually any aircraft. AeroLEDs are low-weight, low-drag, shock & vibration resistant, and rated for over 30,000 hours of continuous operation. They are also unaffected by on/off cycles and offer up to 80% less power consumption than incandescent. AeroLEDs unique built-in Pulse feature and synchronization is what sets them apart from other aerospace LED solutions. When power is applied to the Pulse wire, AeroLEDs wig-wag at a rate of 1Hz. Higher color temperature provides superior visibility and clarity.



### Whelen Aerospace Technologies (WAT)

Whelen Aerospace Technologies is the global leader in high-end lighting products for the aerospace industry. Experienced staff designs, engineers, and manufactures high-quality products that provide safety, visibility, and recognition for aircraft across all platforms. Design engineers work closely with OEM and service provider networks to design high-performance products that enhance the pilot experience, as well as provide safety of flight.



**Landing, Taxi, and Recognition Lights**

AeroLEDs and Whelen have many series for certified, experimental, commercial, and more



**AeroLEDs SunSpot Series**

Available as a drop-in replacement for PAR36, PAR46, and PAR64 Landing and Taxi Lights

- Consumes less power and produces more lumens than incandescent bulbs
- Unaffected by vibration
- Available with built-in pulse for increased recognition in daylight and night



**AeroLEDs SunBeam**

Fits experimental aircraft and LSAs

- Over 65% more light output than competition
- Built-in pulse mode



**AeroLEDs AeroSun Series**

Landing and Taxi lights fit various certified and experimental applications, including Vans RV and Cessna

- Integral thermal protection
- Built-in pulse mode



**AeroLEDs MicroSun**

Taxi and Recognition lights for lighter-weight experimental or kit planes

- Ability to mount to almost anywhere on the aircraft
- Built-in pulse mode



**AeroLEDs SunRay**

Fits experimental aircraft Landing and Recognition Lights

- High-powered and compact
- Small enough to fit in the wingtip cutout on Van's RV kits
- Built-in pulse mode



**Whelen Parmetheus G3**

STC approved drop-in replacement Landing and Taxi Lights for PAR36

- 2.5x brighter than Parmetheus Plus
- Minimum reduction in output time due to thermal overload
- Now with sealed lens



**Whelen Parmetheus PRO**

STC replacement Landing Lights for piston and turboprop aircraft

- Easy installation and maintenance
- Power wiring attaches to brass screw terminals



**Whelen Parmetheus PLUS**

FAA-PMA and STC approved drop-in replacement Landing and Taxi Lights

- Weight is virtually identical to previous lamps
- Assembly design includes clocking notch



**Whelen 71685 Series**

Non-certified white recognition and landing light assembly

- Designed to be a direct replacement for 70329 Halogen recognition lights
- Comes with a 30-degree optic lens



**Whelen 71125 Series**

Non-certified white recognition light designed to provide supplemental lighting for many applications

- Perfect for vibration prone areas
- Several different beam spreads available



**Whelen 71898 Series**

FAA-PMA approved recognition light, designed to be a direct replacement for A775EXP and 7042900 assemblies

- 71898P0 is the spare part for the legacy 7045301 recognition light used in the 90029 assembly
- 7189801 is the replacement for Beechcraft King Air B300's P/N 7042900



**Whelen 71876 Series**

Non-certified direct replacement Recognition Lights for legacy Whelen A775 and A775EXP series



**For PMA approved aircraft eligibility, visit our website**  
Scan this code



**See following pages for details!**

**Landing Lights**  
FAA-PMA, STC, TSO, and experimental options



**AEROLEDs SUNSPOT EQUINOX SERIES**  
Dual-function Landing AND Taxi Light!



**SUNSPOT SERIES**

Voted best aircraft LED Landing light by Aviation Consumer, the Sunspot Series LED Landing and Taxi lights are available as a drop-in replacement for PAR36, PAR46, and PAR64 configurations with several options that are FAA/PMA/STC certified.



**AEROSUN SERIES**

The AeroSun Series product line has expanded to include an array of landing and taxi lights, both certified and experimental (including Vans RV) which are widely used in various custom applications.



**SUNRAY**

The SunRay LED Landing and Recognition light is commonly used with wing-mounted landing lights and is available for most airplane types. This light is small enough to fit in the wingtip cutout on Van's RV kits.



**SUNBEAM**

The Sunbeam LED Landing light is FAA-PMA approved to fit a variety of experimental aircraft and LSAs. Aircraft that use this landing light include: Diamond DA-40, the Cessna Columbia, the Liberty XL, some Cirrus models, and some Grumman models.



**PARMETHEUS G3**

Keeping the tradition of industry leading performance and value, the new PAR 46 G3 Series is 2.5 times brighter than the Parmetheus™ Plus all while maintaining the same form, fit and functionality of a drop-in LED replacement for legacy landing lights. Available in PAR-36 & 46 size, the G3 is now available in variable voltage 14-28 VDC.

**PARMETHEUS PLUS**

Parmetheus Plus™, an LED landing and taxi light 40% brighter than the Parmetheus™. The Parmetheus Plus™ is external flasher friendly, lightweight, low current, and moisture resistant.

Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	36	01-1030-L-A	SunSpot 36 LX	45	4,950	65,000	4.40" x 4.40" x 1.90"	A	FAA-PMA,STC
9-40	White	36	01-1030-L-A-P	SunSpot 36 LX with ProTech Lens	45	4,950	65,000	4.40" x 4.40" x 1.90"	A	FAA-PMA
9-40	White	36	01-1030-H-A	SunSpot 36 HX (with Pulse)	45	4,950	65,000	4.40" x 4.40" x 1.90"	A	FAA-PMA,STC
9-40	White	36	01-1030-H-A-P	SunSpot 36 HX with ProTech Lens	45	4,950	65,000	4.40" x 4.40" x 1.90"	A	FAA-PMA
9-40	White	46	01-2130-LX	SunSpot 46 LX	85	9,250	150,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
9-40	White	46	01-2130-HX	SunSpot 46 HX (with Pulse)	85	9,250	150,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
9-40	White	N/A	90-1000	SunBeam (with Recognition and Pulse)	35	3,300	91,000	4.00" x 2.80" x 1.20"	A	FAA-PMA
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-2500	AeroSun VX (for Vans RV)	120	13,300	120,000	6.30" x 5.70" x 3.40"	A	Experimental
9-40	White	N/A	01-1150	SunRay (with Pulse)	10	1,000	25,000	2.65" x 2.65" x 1.10"	A	Experimental
12	White	36	01-1030-4313	SunSpot 36-4313	95	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	36	01-1030-4313-H	SunSpot 36-4313-H (with Pulse)	95	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	46	01-0790906-00	Parmetheus G3					W	FAA-PMA,STC
12	White	36	01-0771833-10	Parmetheus Plus			60,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
12-24	White	36	01-0772102-10	Parmetheus G3			136,273	4.38" x 4.38" x 2.05"	W	FAA-PMA,STC
24	White	36	900-01-100-A	SunSpot 36 PCX (for Pilatus)	100	11,000	150,000	4.40" x 4.40" x 2.25"	A	FAA-PMA,STC
24	White	36	01-1030-4596	SunSpot 36-4596	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4596-H	SunSpot 36-4596-H (with Pulse)	100	11,000	150,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-0771833-20	Parmetheus Plus			60,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
24	White	46	01-2230-4580	SunSpot 46-4580	175	19,250	250,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	46	01-2230-4580-H	SunSpot 46-4580-H (with Pulse)	175	19,250	250,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	64	01-2250-4559	SunSpot 64-4000	200	22,000	420,000	8.00" x 8.00" x 2.00"	A	FAA-PMA,STC

**Taxi Lights**

FAA-PMA, STC, TSO, and experimental options



**Coming Soon**

**AEROLEDs SUNSPOT EQUINOX SERIES**  
Dual-function Landing AND Taxi Light!

**SUNSPOT SERIES**

The Sunspot Series LED taxi lights consume less power, output more lumens, and are not affected by vibrations compared to incandescent bulbs. This series is ideal for experimental, certified, commercial, and military aircraft.



**AEROSUN SERIES**

Serving as the launch product for AeroLEDs in 2006, the AeroSun Series product line has expanded to include an array products, both certified and experimental (including Vans RV) which are widely used in various custom applications.



**MICROSUN**

MicroSun LED taxi and aircraft recognition lighting is very versatile, with the ability to be mounted almost anywhere on an aircraft. Their compact profile makes them the perfect option for lighter-weight Experimental or Kit planes.



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Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	36	01-1030-L-B	SunSpot 36 LX	45	4,950	15,000	4.40" x 4.40" x 1.90"	A	FAA-PMA,STC
9-40	White	36	01-1030-H-B	SunSpot 36 (with Pulse)	45	4,950	15,000	4.40" x 4.40" x 1.90"	A	FAA-PMA,STC
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-2500	AeroSun VX (for Vans RV)	120 (per pair)	13,300 (per pair)	120,000 (per pair)	6.30" x 5.70" x 3.40"	A	Experimental
9-40	White	N/A	01-1170	MicroSun (with Pulse)	24	2,640	15,000	3.10" x 1.90" x 2.00"	A	Experimental
9-40	White	N/A	01-1170-A	MicroSun External Mount (with Pulse)	24	2,640	15,000	3.10" x 0.90" x 2.00"	A	Experimental
12	White	36	01-0771833-15	Parmetheus Plus			15,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
12	White	36	01-1030-4314	SunSpot 36-4314	95	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12	White	36	01-1030-4314-H	SunSpot 36-4314-H (with Pulse)	95	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
12-24	White	36	01-0772102-15	Parmetheus G3			35,000	4.38" x 4.38" x 2.05"	W	FAA-PMA,STC
24	White	36	01-0771833-25	Parmetheus Plus			15,000	4.38" x 4.38" x 1.70"	W	FAA-PMA,STC
24	White	36	01-1030-4587	SunSpot 36-4587	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	01-1030-4587-H	SunSpot 36-4587 (with Pulse)	100	11,000	50,000	4.40" x 4.40" x 2.10"	A	FAA-PMA,STC
24	White	36	900-01-100-C	SunSpot 36 PCX	100	11,000	50,000	4.40" x 4.40" x 2.25"	A	FAA-PMA,STC
24	White	46	01-2230-4554	SunSpot 46-4554	175	19,250	100,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC
24	White	46	01-2230-4554-H	SunSpot 46-4554-H (with Pulse)	175	19,250	100,000	5.60" x 5.60" x 1.90"	A	FAA-PMA,STC

**Recognition Lights**  
FAA-PMA, STC, TSO, and experimental options



**SUNRAY**

The SunRay LED landing and recognition Light is commonly used with wing-mounted landing lights and is available for most airplane types. This light is small enough to fit in the wingtip cutout found in Van's RV kits.



**AEROSUN**

Serving as the launch product for AeroLEDs in 2006, the AeroSun Series product line has expanded to include an array products, both certified and experimental which are widely used in various custom applications.



**MICROSUN**

MicroSun LED taxi and aircraft recognition lighting is very versatile, with the ability to be mounted almost anywhere on an aircraft. Their compact profile makes them the perfect option for lighter-weight Experimental or Kit planes.



**71125 Series**

Designed to provide supplemental lighting for a wide variety of aircraft applications. Provides all of the advantages of LED's as a light source, no EMI/RFI, low current draw, low heat, long life. Perfect for vibration prone areas. Several different beam spreads available.



**71685 Series**

71685 Series LED Recognition and Landing light assembly comes standard with a 30 Degree optic lens. These assemblies are designed to be a direct replacement for the 70329 Halogen recognition lights.



**71888 Series**

LED form, fit, and function replacement to A775 and A775EXP series.



**71898 Series**

Designed to be direct replacement for A775EXP and 7042900 assemblies. Model 71898P0 is painted White and is the spare part for the legacy 7045301 recognition light used in the 90029 assembly. 7189801 is the replacement for 7042900 (King Air B300's).

Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	PAR	Part Number	Description	Watts	Lumens	Candela	Dimensions	Mfg	Approval
9-40	White	N/A	01-1170	MicroSun with Pulse	24	2,640	15,000	3.10" x 1.90" x 2.00"	A	Experimental
9-40	White	N/A	01-1170-A	MicroSun External Mount (with Pulse)	24	2,640	15,000	3.10" x 0.90" x 2.00"	A	Experimental
9-40	White	N/A	01-2120	AeroSun (with Pulse)	39	4,290	54,000	5.00" x 2.30" x 1.50"	A	Experimental
9-40	White	N/A	01-1150	SunRay with Pulse	10	1,000	25,000	2.65" x 2.65" x 1.1"	A	Experimental
12	White	N/A	01-0771888-00	71888 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
12	White	N/A	01-0771125-10	71125 Series, 10° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771125-11	71125 Series, 20° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771125-12	71125 Series, 90° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
12	White	N/A	01-0771685-01	71685 Series			12,000	2.07" x 3.64" x 0.98"	W	Experimental
24	White	N/A	01-0771685-00	71685 Series			12,000	2.07" x 3.64" x 0.98"	W	Experimental
24	White	N/A	01-0771888-01	71888 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-00	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-01	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771898-P0	71898 Series			30,000	3.16" x 1.65" x 1.47"	W	Experimental
24	White	N/A	01-0771125-20	71125 Series, 10° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-21	71125 Series, 20° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-23	71125 Series, 30° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental
24	White	N/A	01-0771125-22	71125 Series, 90° beam spread			30,000	1.95" x 3.25" x 1.25"	W	Experimental

**Navigation, Strobe, and Position Lights**

AeroLEDs and Whelen have a variety of certified and experimental options



**AeroLEDs Pulsar Series**

FAA-TSO approved fits certified or experimental aircraft

- Several options include anti-collision, strobe, and/or position features
- Can be used for both fixed wing and rotorcraft



**AeroLEDs SunTail**

FAA-TSO approved direct replacement fits certified or experimental aircraft

- Strobe synchronization available
- Simple drop-in replacement



**AeroLEDs Polaris**

LED replacement navigation bulb for installation behind existing green or red forward-facing navigation lenses

- Light output meets and exceeds its replacement
- Simple drop-in replacement

**Whelen Orion**

FAA-TSO and STC red and green direct replacement position lights with built-in white anti-collision tail light feature

- Built-in tail light feature to eliminate the need for separate flasher boxes
- Synchronizable capabilities
- Easy installation and maintenance



**Whelen BLAZE**

Non-certified position, anti-collision, and tail lights for LSA and experimental

- Designed to replace AVEO Powerburst light assemblies
- Light-weight and low drag
- Aerodynamic with vibration and moisture resistance



**Whelen Microburst**

Non-certified navigation lights for LSA and experimental aircraft

- Low current, long life, lightweight
- Aerodynamic with vibration and moisture resistance
- Replaceable lenses



**Whelen Chroma**

FAA-TSO and STC direct replacement for W129028, 129028, A7512-24, W628, 628 incandescent bulbs

- Nickel-plated hard contact eliminates premature wear
- O-ring allows for a more secure connection to lamp socket, reducing wear over time
- Unique reflector design allows for full FAR coverage compliance



**Whelen 71554 Series**

FAA-TSO and STC approved direct replacement for A555A and 71011 tail lights

- Available in horizontal or vertical mount
- Models -01 and -02 come with flying leads
- Model -03 has a pin and ring terminal for connections



**Whelen 90613 Series**

FAA-TSO and STC position white anti-collision light for Cessna Caravan aircraft

- Same hole pattern as original Cessna Caravan light
- Interconnect with standard Amp Mate-N-Lock connectors



**Whelen 71105 Series**

FAA-TSO approved direct replacement for Whelen W1285 position lights

- Available in green or red
- Significant reduction in electrical current draw over conventional bulbs



**Whelen 71379 Series**

FAA-TSO approved wingtip forward position red or green light

- Designed to be located under a fairing, but suitable for external mounting
- Replaces GRIMES A1815A and Whelen W1250



**For PMA approved aircraft eligibility, visit our website**  
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**See following pages for details!**

**Navigation, Strobe, and Position Lights**

FAA-STC, TSO, and experimental options



**PULSAR SERIES**

This series is ideal for experimental, certified, commercial, ARFF, and military aircraft both new and retrofit designs. All lights meet and exceed the TSO requirement for navigation/position and anti-collision strobe.



**SUNTAIL**

LED anti-collision strobe and position light designed for the tail of the aircraft. SunTail can synchronize its strobe with any of AeroLEDs LED lighting products. SunTail does not require an external power supply and will retrofit the mounting footprint of legacy lighting.

**POLARIS**

Polaris Position Light Bulb serves as an LED replacement for traditional incandescent position lighting. They are to be installed behind a green or red forward-facing navigation lens.



**ORION**

Whelen offers multiple Orion series, including Orion 500, 600, 650, 650E, and 660. These different series navigation and anti-collision lights are the same footprint and mounting as the legacy Whelen part for easy installation and retrofit.



**7154 SERIES**

This series is an exact footprint for Whelen A555A and 71011 tail lights. Available in horizontal or vertical mount. Models -01 and -02 come with flying leads. Model -03 has a pin and a ring terminal for connections.

**MICROBURST PLUS**

These assemblies provide navigation and anti-collision functions, just like the original assemblies but with an updated internal optic reflector design. The new reflector improves the aesthetics and provides greater light output performance.



**71105 SERIES**

These FAA-TSO approved forward position lights provide a significant reduction in electrical current draw over conventional bulbs. Direct replacement for Whelen W1285 series (Version STC on Learjet Aircraft).

**BLAZE**

The BLAZE series is an all LED wingtip position, anti-collision, and tail light assembly for the LSA and experimental market. Low drag and light weight without compromising safety and visibility.



**71379 SERIES**

These LED wingtip forward position lights are designed to go under a fairing, but they are also suitable for external mounting. Replaces GRIMES A1815A and Whelen W1250.

**CHROMA**

Chroma series position lamps provide consistent light output, compared to filament lamps and LED resistor type designs. Its robust-machined base provides significant vibration resistance.



Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)

Type	Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
N	12	Green	Pulsar N (Right)	11-1280-A-12-R	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	12	Green	71105 Series	01-0771105-01		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	12	Green	71379 Series	01-0771379-11		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	12	Green	Chroma	01-0771900G14		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	12	Red	Pulsar N (Left)	11-1280-A-12-L	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	12	Red	71105 Series	01-0771105-02		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	12	Red	71379 Series	01-0771379-12		4.50" x 3.25" x 3.50"	W	FAA-TSO
N	12	Red	Chroma	01-0771900R14		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	24	Green	Pulsar N (Right)	11-1280-A-24-R	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	24	Green	71105 Series	01-0771105-03		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	24	Green	71379 Series	01-0771379-01		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	24	Green	Chroma	01-0771900G28		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC
N	24	Red	Pulsar N (Left)	11-1280-A-24-L	11	4.00" x 1.90" x 1.50"	A	FAA-TSO
N	24	Red	71105 Series	01-0771105-04		3.88" x 1.77" x 1.08"	W	FAA-TSO
N	24	Red	71379 Series	01-0771379-02		2.31" x 1.75" x 2.30"	W	FAA-TSO
N	24	Red	Chroma	01-0771900R28		1.98" x 1.15" x 1.15"	W	FAA-TSO,STC

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## Lighting Navigation, Strobe, and Position



### Navigation, Strobe, and Position Lights continued from previous page FAA-STC, TSO, and experimental options



Continued from previous page

Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)

Type	Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
NS	12	Green	Pulsar NS (Right)	11-1280-B-12-R	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	12	Green	Pulsar NS	01-1280-B-12-R	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NS	12	Green	Orion 650	01-0790725-01		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	12	Green	Orion 650E	01-0790701-01		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	12	Red	Pulsar NS (Left)	11-1280-B-12-L	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	12	Red	Pulsar NS (Left)	01-1280-B-12-L	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NS	12	Red	Orion 650	01-0790725-02		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	12	Red	Orion 650E	01-0790701-02		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0475107-00		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0471519-01		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	Red and Green Pair	Microburst Plus (Pair)	01-0471519-00		4.61" x 1.64" x 1.41"	W	Experimental
NS	12	White	Microburst Plus	01-0771490-00		2.16" x 1.71" x 2.23"	W	Experimental
NS	24	Red	Pulsar NS (Left)	11-1280-B-24-L	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	24	Red	Pulsar NS (Left)	01-1280-B-24-L	22	4.00" x 1.90" x 1.50"	A	Experimental
NS	24	Red	Orion 650	01-0790725-12		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	24	Red	Orion 650E	01-0790701-12		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NS	24	Green	Pulsar NS (Right)	11-1280-B-24-R	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NS	24	Green	Pulsar NS (Right)	01-1280-B-24-R	22	4.00" x 1.90" x 1.50"	A	Experimental
NS	24	Green	Orion 650	01-0790725-11		3.95" x 1.79" x 1.68"	W	FAA-TSO,STC
NS	24	Green	Orion 650E	01-0790701-11		3.85" x 1.67" x 2.20"	W	FAA-TSO,STC
NSP	12	Green	Pulsar NSP (Right)	11-1280-C-12-R	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	12	Green	Pulsar NSP (Right)	01-1280-C-12-R	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NSP	12	Green	Orion 600	01-0771733-01		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	12	Green	Orion 660	01-0790877-01		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	12	Red	Pulsar NSP (Left)	11-1280-C-12-L	20.5	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	12	Red	Pulsar NSP (Left)	01-1280-C-12-L	20.5	4.00" x 1.90" x 1.50"	A	Experimental
NSP	12	Red	Orion 600	01-0771733-02		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	12	Red	Orion 660	01-0790877-02		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	12	Red and Green Pair	Pulsar (Pair)	11-1100-12	39	5.60" x 1.90" x 1.40"	A	FAA-TSO
NSP	12	Red and Green Pair	Blaze (Pair)	01-95001-03		4.57" x 1.33" x 1.12"	W	Experimental
NSP	24	Green	Pulsar NSP (Right)	11-1280-C-24-R	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	24	Green	Pulsar NSP (Right)	01-1280-C-24-R	22	4.00" x 1.90" x 1.50"	A	Experimental
NSP	24	Green	Orion 600	01-0771733-11		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	24	Green	Orion 660	01-0790877-11		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	24	Green	90613 Series	01-0790613-91		5.61" x 1.77" x 5.82"	W	FAA-TSO,STC
NSP	24	Red	Pulsar NSP (Left)	11-1280-C-24-L	22	4.00" x 1.90" x 1.50"	A	FAA-TSO
NSP	24	Red	Pulsar NSP (Left)	01-1280-C-24-L	22	4.00" x 1.90" x 1.50"	A	Experimental
NSP	24	Red	Orion 600	01-0771733-12		5.65" x 1.78" x 2.04"	W	FAA-TSO
NSP	24	Red	Orion 660	01-0790877-12		3.95" x 1.79" x 1.68"	W	FAA-TSO
NSP	24	Red	90613 Series (Caravan)	01-0790613-92		5.61" x 1.77" x 5.82"	W	FAA-TSO,STC
NSP	24	Red and Green Pair	Pulsar (Pair)	11-1100-24	45	5.60" x 1.90" x 1.40"	A	FAA-TSO
P	12	White	71554 Series Horizontal Aft	01-0771554-11		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	12	White	71554 Series Vertical Aft	01-0771554-12		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	12	White	Orion 500 Tail Position	01-0771774V01		2.17" x 1.71" x 3.72"	W	FAA-TSO,STC
P	24	White	71554 Series Horizontal Aft	01-0771554-01		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	24	White	71554 Series Vertical Aft	01-0771554-02		2.16" x 1.71" x 2.32"	W	FAA-TSO,STC
P	24	White	Orion 500 Tail Position	01-0771774V02		2.17" x 1.71" x 3.72"	W	FAA-TSO,STC
PS	12	White	SunTail	11-1260-12	12	2.20" x 1.70" x 1.40"	A	FAA-TSO
PS	12	White	SunTail	01-1260-12	12	2.20" x 1.70" x 1.40"	A	Experimental
PS	12	White	Polaris Position Bulb	11-7512-12	7	2.00" x 1.30" x 1.10"	A	FAA-PMA
PS	12	White	Orion 550	01-0772070V01	12	1.87" x 1.75" x 2.17"	W	FAA-TSO
PS	24	White	SunTail	11-1260-24	12	2.20" x 1.70" x 1.40"	A	FAA-TSO
PS	24	White	SunTail	01-1260-24	12	2.20" x 1.70" x 1.40"	A	Experimental
PS	24	White	Polaris Position Bulb	11-7512-24	7	2.00" x 1.30" x 1.10"	A	FAA-PMA



**Beacon Lights**

AeroLEDs and Whelen have a variety of TSO certified beacon options



**AeroLEDs SunBeacon II**

FAA-TSO approved red or white beacon

- Direct replacement for standard rotating aircraft beacons and flashing beacons
- Extremely low profile for reduced drag
- Requires zero maintenance



**Whelen 90520**

FAA-TSO and STC approved flashing red/white split beacon

- Designed to replace strobe light heads as small as the A470A
- Mounting plate included



**Whelen 90724**

FAA-TSO approved red beacon

- Obsolete the "old style" mechanical oscillating beacons
- No moving parts, no EMI/RFI, and no inrush spikes
- Crisp on-off cycles



**Whelen 71080**

FAA-TSO and STC approved red beacon

- Designed to replace existing beacons utilizing a 2½" diameter footprint
- Can also replace remote mounted strobe lights
- Internal mounting plate is provided with the choice of mounting holes to retrofit most existing mounting patterns



**Whelen 71410**

FAA-TSO approved white beacon

- Designed to replace 3¾" opening found with Whelen's HRCFA/SACF style strobe units
- Also designed to replace rotating beacons



**Whelen Orion 360**

FAA-TSO and STC approved red, white, or red/white split beacons

- Designed to replace legacy 90520, 71410, and 71055 series beacons
- Lower profile than legacy product by 60%



**For PMA approved aircraft eligibility, visit our website**  
Scan this code



Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)

Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
12	Red	71080 Series, A470A Mount, Mate-N-Lock	01-0771080-51		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA, STC
12	Red	71080 Series, 3.75" Adapt, Flying Leads	01-0771080-55		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA, STC
12	Red and White Split	90520 Series, A470A Mount, Mate-N-Lock	01-0790520-51		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA, STC
12	Red and White Split	90520 Series, 3.75" Adapt, Flying Leads	01-0790520-55		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA, STC
12	Red and White Split	Orion 360, 2.6" Base	01-0772010-70		2.60" x 2.60" x 1.60"	W	FAA-STC
12	Red and White Split	Orion 360, 3.75" Base	01-0772010-72		3.67" x 3.67" x 2.83"	W	FAA-STC
12	Red	Orion 360, 2.6" Base	01-0772010-50		2.60" x 2.60" x 1.60"	W	FAA-STC
12	Red	Orion 360, 3.75" Base	01-0772010-52		3.67" x 3.67" x 2.83"	W	FAA-STC
12	Red	SunBeacon II	11-2200-A-12	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
12	White	SunBeacon II	11-2200-B-12	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	Red	71080 Series, A470A mount	01-0771080-01		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA, STC
24	Red	71080 Series, 5 Hole Adapt, Flying Leads	01-0771080-04		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA, STC
24	Red	71080 Series, 3.75" Adapt, Flying Leads	01-0771080-05		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA, STC

Continued on next page

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Battery Voltage	Color	Description	Part Number	Watts	Dimensions	Mfg	Approval
24	Red	71080 Series, 1.750" mount pattern	01-0771080-06		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75" Adapt, MSConn, Lower	01-0771080-07		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, MSConn	01-0771080-08		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, Flying Leads, Lower	01-0771080-14		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75" Adapt, Flying Leads, Lower	01-0771080-15		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 3.75" Adapt, MSConn, Lower	01-0771080-17		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, 5 Hole Adapt, MSConn, Lower	01-0771080-18		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red	71080 Series, Airbus Helicopter	01-0771080-30		2.70" x 5.95" x 5.79"	W	EASA-STC, FAA-PMA,STC
24	Red	Orion 360, 2.6" Base	01-0772010-10		2.60" x 2.60" x 1.60"	W	FAA-STC
24	Red	Orion 360, 3.75" Base	01-0772010-12		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red	Orion 360, 3.75" Base Lower Mount	01-0772010-13		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red	SunBeacon II	11-2200-A-24	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	Red	90724 Series, Upper 5-mount, Cable Pigtail	01-0790724-12		9.88" x 2.38" x 2.70"	W	FAA-TSO
24	Red	90724 Series, 5-hole Rudder Mount, Cable Pigtail	01-0790724-14		9.88" x 2.38" x 2.70"	W	FAA-TSO
24	Red	90724 Series, Lower 8-hole Mount, Cable Pigtail	01-0790724-19		11.43" x 3.87" x 2.84"	W	FAA-TSO
24	Red and White Split	90520 Series, A470A Mount, Flying Leads	01-0790520-01		2.60" x 2.60" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, Flying Leads	01-0790520-04		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75" Adapt, Flying Leads	01-0790520-05		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75" Adapt, MSConn	01-0790520-07		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, MSConn	01-0790520-08		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, Flying Leads, Lower	01-0790520-14		5.14" x 5.14" x 3.64"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75" Adapt, Flying Leads, Lower	01-0790520-15		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 3.75" Adapt, MSConn, Lower	01-0790520-17		3.66" x 3.66" x 3.92"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	90520 Series, 5 Hole Adapt, MSConn, Lower	01-0790520-18		5.14" x 5.14" x 5.43"	W	EASA-STC, FAA-PMA,STC
24	Red and White Split	Orion 360, 2.6" Base	01-0772010-30		2.60" x 2.60" x 1.60"	W	FAA-STC
24	Red and White Split	Orion 360, 3.75" Base	01-0772010-32		3.67" x 3.67" x 2.83"	W	FAA-STC
24	Red and White Split	Orion 360, 3.75" Base Lower Mount	01-0772010-33		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	Orion 360	01-0772010-20		2.60" x 2.60" x 1.60"	W	FAA-STC
24	White	Orion 360	01-0772010-22		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	Orion 360	01-0772010-23		3.67" x 3.67" x 2.83"	W	FAA-STC
24	White	SunBeacon II	11-2200-B-24	17	2.50" x 2.50" x 1.60"	A	FAA-TSO
24	White	71410 Series, 2.75" Base	01-0771410-01		2.60" x 2.60" x 3.64"	W	FAA-TSO
24	White	71410 Series, 3.66" Base Upper Mount	01-0771410-05		3.66" x 3.66" x 3.92"	W	FAA-TSO
24	White	71410 Series, 5.14" Base Upper Mount	01-0771410-08		5.14" x 5.14" x 5.43"	W	FAA-TSO
24	White	71410 Series, 3.66" Base Lower Mount	01-0771410-15		3.66" x 3.66" x 3.92"	W	FAA-TSO
24	White	71410 Series, 5.14" Base Lower Mount	01-0771410-18		5.14" x 5.14" x 5.43"	W	FAA-TSO

Manufacturer: **A** AeroLEDs **W** Whelen Aerospace Technologies (WAT)



**Lighting Kits, Accessories, and Replacement Lenses**

We offer a variety of replacement lighting components and aircraft specific kits!

**AeroLEDs Landing and Taxi Light Kits**

FAA-PMA/STC approved for Beechcraft, Cessna, and Pilatus Aircraft

- 5-year warranty
- Thermal protection
- Consumes less power, outputs more light
- Unaffected by vibration, compared to incandescent bulbs



P/N 900-01-100-C  
SunSpot Pilatus Taxi



P/N 900-01-100-A  
SunSpot Pilatus Landing



Models	Kit P/N	Figure	Kit Contents
<b>Beechcraft</b>			
65-90, 65-A90, 65-A90-1, 65-A90-2, 65-A90-3, 65-A90-4, B90, C90, C90A, C90GT, E90, H90, 100, A100, A100A, A100C, B100, 200, A200, 200T, A200C, 200C, A200CT, 200CT, B200, B200C, B200T, B200CT, 300, B300, B300C, B200GT, B200CGT	KIT-0041	18	(2) SunSpot 36 LX Landing Lights (01-1030-L-A) (1) SunSpot 36 LX Taxi Light (01-1030-L-B)
<b>Cessna</b>			
208, 208B	KIT-0042	19	(1) SunSpot 36-4587 Taxi Light (01-1030-4587) (1) SunSpot 46-4580 Landing Light (01-2230-4580)
<b>Pilatus</b>			
Pilatus, PC12	KIT-0034	15	(2) Pilatus Landing Lights (900-01-100-A) (1) Pilatus Taxi Light, (900-01-100-C) (2) Pilatus Spec Landing and Taxi Connectors

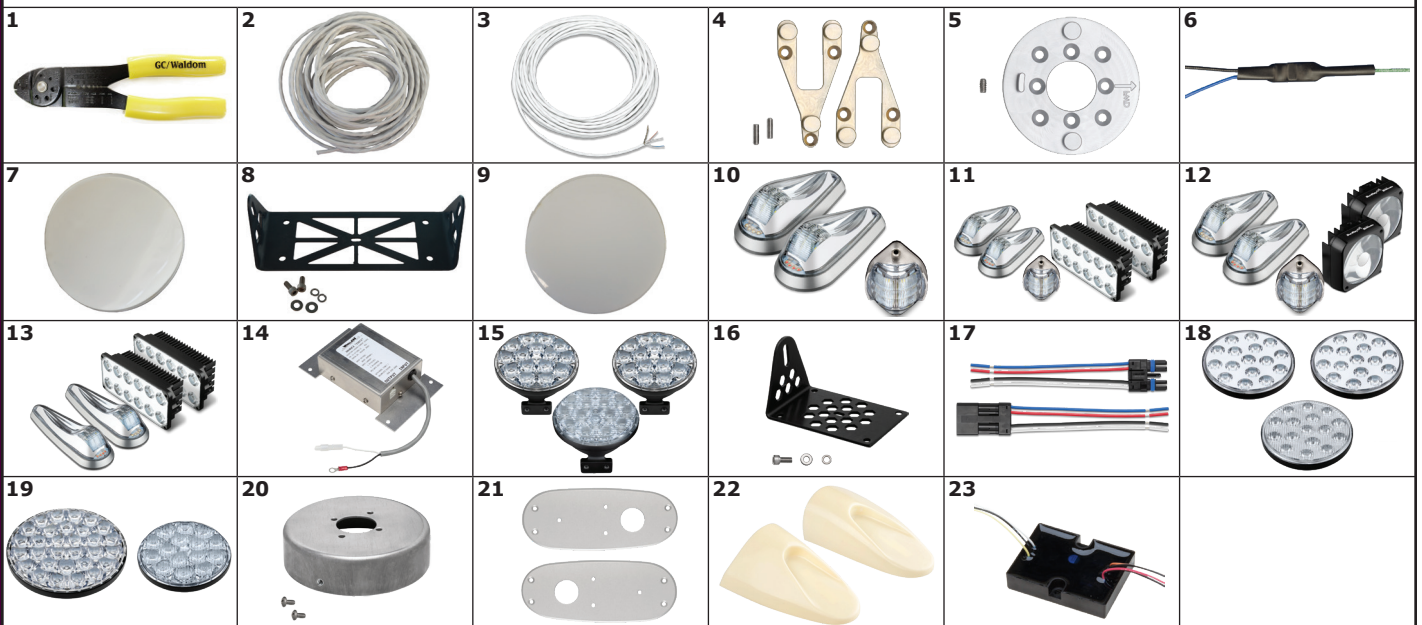
**AeroLEDs and Whelen Lighting Accessories**

Mounting kits, connectors, flashers, and more!

- FAA-PMA/STC approved
- 5-year warranty
- Thermal protection
- Consumes less power, outputs more light
- Unaffected by vibration, compared to incandescent bulbs



Lighting Accessories		
Description	Figure	P/N
Connector pin crimpers	1	02-1000
20 AGW, 4 C Tefzel Shielded Wire (25 ft spools)	2	00-8677
18 AGW, 4 C Tefzel Shielded Wire (25 ft spools)	3	00-8678
NS Mount Kit (Single kit)	4	KIT-0008
SunBeacon II Twist Mount Kit	5	01-1096
Synchronizer	6	00-8120
ProTech Lens Cover Sunspot 36	7	KIT-0003
Mount Kit, Aerosun	8	KIT-0012
ProTech Lens Cover Sunspot 46	9	KIT-0013
RV KIT Pulsar NS, SunTail	10	KIT-0016
RV KIT Pulsar NS, SunTail, 2 AeroSun	11	KIT-0017
RV KIT Pulsar NS, SunTail, 2 SunRay Plus	12	KIT-0018
RV KIT Pulsar Exp, 2 AeroSuns	13	KIT-0019
Mount Kit, Sunray Plus	16	KIT-0035
CONNECTOR KIT, TYCO	17	KIT-0037
MOUNT CUP, 3.75" Adapter, SunBeacon II	20	KIT-0049
ADAPTER PLATE, Pulsar/Pulsar NS, Aeroflash Conversion	21	KIT-0053
Fairing Adapter <b>New!</b>	22	KIT-01-1091
Eco Flasher Box 5A 10-28V DC <b>New!</b>	23	01-0771700-00
Flasher Assembly (fits with Anti-Collision Light P/N 01-0771987-00 for Restart Cessnas) <b>New!</b>	14	01-0771985-17



## Lighting

### Replacement Lenses and Bulbs

Lighting

### Lighting Kits, Accessories, and Replacement Lenses continued from previous page

We offer a variety of replacement lighting components and aircraft specific kits!

Replacement Lenses and Bulbs		
Description	Figure	P/N
Light Bulb, Replacement Starlight 28V	1	01-7079-24
A469B Flash Tube Assembly	2	01-0770044-02
A610 Flash Tube Assembly	3	02-0250276-00
ERC Halogen Tail Lamp 14V	4	34-0412070-63
Reflector Lamp	5	34-0428020-65
Red Lens Assembly <sup>1</sup>	6	68-2170504-50
Red and White Split Lens Assembly <sup>1</sup>	7	68-2170504-60
A612 Standard Clear Lens	8	68-2290005-30
Green Glass Dome (Position Light Lens) <sup>2</sup>	9	68-4230020-40
Red Glass Dome (Position Light Lens) <sup>2</sup>	10	68-4230020-50
Parmetheus Plus PAR36 Series Lens		68-3971486A30
Strobe Light Mounting Bracket for PA-18 and PA-19	11	2087

**Notes:**

<sup>1</sup> Used in Whelen A470A, 7509, 70285, and HRCFA series Anti-Collision Assemblies

<sup>2</sup> Used with the A650 PG/PR Anti-Collision Assembly as well as Legacy A429, A600 PG/PR, 90029, 90159, 90193, 90209, W1250 PG/PR, and W1285 Whelen model assemblies



# Lighting

Safety, visibility,  
and recognition!

**Landing, Taxi, Recognition, Navigation,  
Strobe, Position, and Beacon**



**Wing Tip Bracket**

FAA-STC for Beech Bonanzas and Barons with wrap-around style wing tip lenses  
P/N GAL01-5720-001



Easily install Whelen lighting without the hassle of major modifications!

- Avoid expensive flashtubes for your strobes or obsolete replacements by having the option to install upgraded lights!
- Save time and \$\$\$
- 5 year warranty

**Updated lights will give you better recognition for safety and visibility!**

Can be equipped with WAT lights:

- Orion 500 tail LED nav and strobe (white)
- Orion 650E nav (red or green) and white LED strobe (14V or 28V)
- 71125 forward facing LED recognition/landing



Manufactured by Gallagher Aviation



**STC Approved Beech Models with Wrap-around Wing Tips Lenses**

35, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35R, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC, B36TC, G36, E33, E33A, E33C, F33, F33A, F33C, D55, D55A, E55, E55A, 56TC, A56TC, 58

**Note:** early models must be modified with wrap-around wing tip lenses

**Wing Tips for AeroLEDs Lights**

Optimized for use with AeroLEDs Pulsar LED nav/strobe

The wing tips are built by Stene Aviation using the latest resins and aviation grade E-glass weaves to insure the highest quality of part.



**Aircraft**

	SA-0523565-29LED	SA-0723200-5LED	SA-0523565-30LED	SA-0723200-6LED
150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150L,M	•	•	•	•
152, A152	•	•	•	•
170, 170A,B	•	•	•	•
172, 172A,B,C,D,E,F,G,H,I,K,L	•	•	•	•
172M,N,P,Q,R,S, 172RG, R172K	•	•	•	•
175, 175A,B,C	•	•	•	•
180, 180A,B,C,D,E,F,G,H	•	•	•	•
180J,K	•	•	•	•
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N	•	•	•	•
182P,Q,R,S, R182, TR182, T182	•	•	•	•
185, 185A,B,C,D,E, A185E	•	•	•	•
A185F	•	•	•	•
210-5 (205), 210-5A (205A)	•	•	•	•
206, U206, U206A,B,C,D,E, TU206A,B,C,D,E	•	•	•	•
U206F,G, TU206F,G, 206H, T206H	•	•	•	•
P206, P206A,B,C,D, TP2006A,B,C,D	•	•	•	•
207, 207A, T207, T207A	•	•	•	•
210, 210A,B,C,D,E,F, T210F	•	•	•	•



**For our full line of Exterior and Interior Plastic and Fiberglass parts see pages 407-451!**

**Quasar Cx LED Lighted Wing Tips**

FAA-PMA/STC approved integrated LED landing lights with pulse recognition mode

- Brighter than any other product on the market
- Works with existing cowl mounted lights
- Recognition mode integrated into the light assembly
- No additional light controllers required
- Enhanced in flight recognition of the aircraft
- Accommodates legacy nav/strobe lights but optimized for use with AeroLEDs navigation/strobe lighting



This all new wing tip lighting package brings the latest technology to the GA market with integrated landing, taxi, and recognition modes. These Wing Tips are brighter than any other product on the market including other PAR36 LED and HID lighting solutions.

Recognition mode is integrated into the light assembly and does not require additional light controllers to flash the LED lights. This feature dramatically enhances in-flight recognition of the aircraft, which reduces the possibility of collisions.

The built-in mounting location for the nav/strobe assembly is designed to accommodate legacy nav/strobes, but optimized for use with the AeroLEDs Pulsar NSP LED nav/strobes.



Wing Tip Types	Integrated Operational Modes	Multi-Voltage Operation	Power (Watts)	Lumens	Candela	Recognition Wig-Wag Mode
Quasar Cx LED lighted wing tips	Landing	Yes, 14/28v	190	17,000+	300,000+	Built-in
	Taxi		38	3,500	26,000+	
	Recognition		95	8,500+	150,000+	
Whelen PAR36 LED lighted wing tips	None		38	3496	120,000	No
HID lighted wing tips	None		70	6440	250,000	No

**Kit P/N SA-0523565-2930LL**

150, 150A,B,C,D,E,F,G,H,J,K,L,M, A150L,M
152, A152
170, 170A,B
172, 172A,B,C,D,E,F,G,H,I,K,L
F172D,E,F,G,H,K,L
FP172D, P172D
175, 175A,B,C
180, 180A,B,C,D,E,F,G,H
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N
185, 185A,B,C,D,E, A185E
210-5 (205), 210-5A (205A)
206, U206, U206A,B,C,D,E, TU206A,B,C,D,E
P206, P206A,B,C,D, TP2006A,B,C,D, P206E, TP206E
207, 207A, T207, T207A
210, 210A,B,C,D,E,F, T210F

**Kit P/N SA-0723200-56LL**

172M,N,P,Q,R,S, 172RG, R172K
F172,M,N,P
180J,K
182P,Q,R,S, R182, TR182, T182
182T, T182T, F182P,Q, FR182
A185F
U206F,G, TU206F,G, 206H, T206H