

# WHELEN AVIATION LIGHTING

## WHELEN ORION 600 SERIES WINGTIP POSITION / ANTI-COLLISION LED LIGHTS

ORION600 Series of FAA/TSO approved LED aviation lighting. Incorporating the latest state of the art LED Technology available in an all-inclusive package, the ORION600 series eliminates the need for external flasher boxes. Flush mountable for a wide variety of applications with minimal integration and easily retrofitable to the Whelen legacy strobe products. The ORION600 series is quite simply the brightest form of LED Anti-collision and Position lighting available. Model ORION600 Position/Anti-Collision Lighthouse All LED self-contained wingtip mounted Position/Anti-Collision system. Eliminates the need for external power supplies and reduces current draw and provides thousands of hours of operation. FAA TSO-C96c Class II / TSO-C30c Type II & III.

Whelen No.	Model No.	Color	Voltage	Part No.	Price
01-0771733-01	OR6001G	Green	12V	11-11365	---
01-0771733-02	OR6001R	Red	12V	11-11366	---
01-0771733-11	OR6002G	Green	24V	11-11367	---
01-0771733-12	OR6002R	Red	24V	11-11368	---

## WHELEN ORION™650 SERIES LIGHTING

Whelen Engineering is proud to introduce the ORION650 Series of FAA/TSO approved LED aviation lighting. Incorporating the latest state-of-the-art LED Technology available in an all-inclusive package, the ORION650 series eliminates the need for external flasher boxes. Flush mountable for a wide variety of applications with minimal integration and easily retrofitable to the Whelen legacy strobe products. The ORION650 series is quite simply the brightest form of LED Anti-collision and Position lighting available. **Features:** • All LED self-contained wingtip mounted Position/Anti-Collision system. • Fully FAA/TSO-C96a & TSO-C30c Approved • FAR SPEC Certified • Replaceable hard coated polycarbonate lens to maintain maximum light output • Aerodynamic design without sacrificing light output • Exceeds FAA minimum intensity requirements for maximum visibility and increased safety of flight • Environmentally tested and certified to RTCA/D0-160G standards. FAA TSO-C96a Class III/TSO-C30c Type II. STC SA800EA.

Model No.	Description	Part No.	Price
OR6501G	Wingtip PTA Green, 12V	11-18768	---
OR6501R	Wingtip PTA Red, 12V	11-18766	---
OR6502G	Wingtip PTA Green, 28V	11-18767	---
OR6502R	Wingtip PTA Red, 28V	11-18765	---

## WHELEN ORION™ 650E SERIES LIGHTING

All LED self-contained wingtip mounted Position/Anti-Collision system. Eliminates the need for external power supplies and reduces current draw and provides thousands of hours of operation. • Fully FAA/TSO-C96a & TSO-C30c Approved FAR SPEC Certified • Exceeds FAA minimum intensity requirements for maximum visibility and increased safety of flight • Environmentally tested and certified to RTCA/D0-160G standards. STC SA800EA.

Model No.	Description	Part No.	Price
OR6501GE	Embedded PTA Green, 12V	11-11971	---
OR6501RE	Embedded PTA Red, 12V	11-11972	---
OR6502GE	Embedded PTA Green, 28V	11-11973	---
OR6502RE	Embedded PTA Red, 28V	11-11974	---

## WHELEN ORION™ 500 SERIES LIGHTING

All LED self-contained wingtip mounted Position/Anti-Collision system. Eliminates the need for external power supplies and reduces current draw and provides thousands of hours of operation. • Fully FAA/TSO-C96a & TSO-C30c Approved • FAR SPEC Certified • Replaceable hard coated polycarbonate lens to maintain maximum light output • Aerodynamic design without sacrificing light output • Exceeds FAA minimum intensity requirements for maximum visibility and increased safety of flight • Environmentally tested and certified to RTCA/D0-160G standards. STC SA800EA.

Model No.	Description	Part No.	Price
OR5001V	Tail PTA Light White, 12V	11-11975	---
OR5002V	Tail PTA Light White 28 V	11-11977	---

## WHELEN PARMETHEUS™ G3 PAR 46 LANDING LIGHT

The Parmetheus™ G3 Par 46. 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. Variable voltage 14-28 VDC. FAA-PMA ..... P/N 11-19156 ..... ---



## WHELEN PARMETHEUS PLUS REPLACEMENT LANDING LIGHTS

Parmetheus Plus PAR36/46 LED lights are a drop-in replacement for outdated Halogen PMA pending. Lightweight, low-current and moisture resistant, they provide stable light output for thousands of operating hours. These PAR 36 LED lights are 40% brighter output than the original Parmetheus Series assemblies, and the PAR 46 are 80% brighter. LED lighting is the ideal technology for aviation applications. Whelen LED lights are time and field-tested for reliability and long-life performance under the tough conditions required by Fire, Emergency, DOT and Law Enforcement professionals around the world. STC-PMA Pending.

Description	Part No.	Price
PAR 36 14V Landing	11-12976	---
PAR 36 14V Taxi	11-12977	---
PAR 36 28V Landing	11-12978	---
PAR 36 28V Taxi	11-12979	---

## MICROBURST PLUS SERIES LIGHTING FROM WHELEN

LED Wingtip and Tail Lighting for Experimental and Light Sport Aircraft. **MB3(Red or Green)** .21 lbs., .45 amp (avg). Forward facing Wingtip Nav, with CometFlash 180° LED-Strobe and rear facing white Nav. **MB2(Red or Green)** .20 lbs., .40 amp (avg). Forward facing Wingtip Nav with MB2G Green CometFlash 180° LED-Strobe. **MB1WT** White, .15 lbs., .35 amp (avg). Nav taillight with CometFlash 180° LED-Strobe. Utilizes same mounting as all (A500/A555 Style).

Description	Part No.	Price
MicroBurst I MB1WT Single Taillight	11-08472	---
MicroBurst III Kit MB3K 1 MB3R (R) and 1 MB3G (G)	11-08473	---
MicroBurst II Kit MB2K 1 MB2R (R) and 1 MB2G (G)	11-08474	---
MicroBurst II with Taillight Kit MB2KWT 1 MB2R (R) and 1 MB2G (G) plus 1 MB1WT Taillight	11-08475	---

## WAT PAR 36/46 LED LANDING/TAXI LIGHTS

Lazr PAR 36 LED with STC for GA Aircraft. Illumination is proud to present the Lazr LED. Combining powerful diodes, innovative optics, and patented cooling technology, Illumination created an LED that is 60% brighter than any certified LED. **Benefits:** • 5-year warranty • Simple drop-in installation • 60-day product buyback guarantee • 60% brighter than any certified LED • Top notch customer service with 24/7 AOG line • Low amp draw • Low heat output • Increased reliability • STC included.

PAR 36.....P/N 11-16619 ..... ---

PAR 46.....P/N 11-16621 ..... ---

## WHELEN PARMETHEUS G3 PAR 36 LANDING & TAXI LIGHT

The 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. No need to specify voltage as the G3 operates from 14-28 volts. **Features:** Direct replacement for outdated PAR36 Halogen and HID lamps. FAA-PMA Landing Light.....P/N 11-18873 ..... --- Taxi Light.....P/N 11-18874 ..... ---

## WHELEN PARMETHEUS DUO PAR 36 LANDING & TAXING LIGHT

The Parmetheus™ DUO PAR 36. The DUO is packed with features including landing, taxi, and built in wig wag. Keeping the tradition of industry leading performance and value, the new Par 36 DUO landing light 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. This product is available in PAR-36 size, in variable voltage 14-28 VDC. NOT FAA APPROVED. FAA APPROVAL PENDING. P/N 11-19261 ..... ---

## WHELEN PARMETHEUS™ G3 PAR 64 LANDING LIGHT

FAA-PMA Approved. Whelen Aerospace Technologies is proud to announce the newest member of the Parmetheus™ product family, The Parmetheus™ G3 Par 64. Keeping the tradition of industry leading performance and value, the new Par 64 G3 Series has an incredible max output of 1,000,000 candle power, all while maintaining the same form, fit and functionality of a drop-in LED replacement for legacy landing lights. P/N 11-20593 ..... ---

## WHELEN 7170000 FLASHER BOX

The Model 7170000 is a state-of-the-art electronic light flasher designed specifically for compatibility with WAT LED Exterior lighting products. This versatile flasher offers two distinct operating modes: steady-on output or alternating flashing outputs. Flasher, 14V or 28 VDC Nominal (5 AMPS MAX) P/N 11-20343 ..... ---