



**WHELEN** AEROSPACE TECHNOLOGIES

**TOP PRODUCTS**



**LED LIGHTING • HID LIGHTING**

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TOP PRODUCTS  
2024 REV IR

# PARMETHEUS™ G3

5 YEAR WARRANTY

PAR 36 PAR 46 LED LIGHTS

TAXI & LANDING

2.5 TIMES BRIGHTER THAN THE PARMETHEUS™ PLUS

| MODEL  | PART #        | DESCRIPTION                             | CANDLE POWER | AMPS/VOLTS                             |
|--------|---------------|---|--------------|--|
| P36G3L | 01-0772102-10 | PARMETHEUS™ G3 PAR-36 LANDING • 14V-28V | 136,273      | 3.8 Amps @ 14 VDC<br>1.9 Amps @ 28 VDC |
| P36G3T | 01-0772102-15 | PARMETHEUS™ G3 PAR-36 TAXI • 14V-28V    | 35,000       | 3.8 Amps @ 14 VDC<br>1.9 Amps @ 28 VDC |
| P46G3L | 01-0790906-00 | PARMETHEUS™ G3 PAR-46 LANDING • 14V-28V | 228,044      | 6.0 Amps @ 14 VDC<br>2.7 Amps @ 28 VDC |

- Industry-Leading Performance
- Minimal reduction in output over time due to thermal overload
- Variable voltage 14-28 VDC
- RTCA DO-160 Environmental Tested
- Now with a sealed lens
- STC & PMA Approved

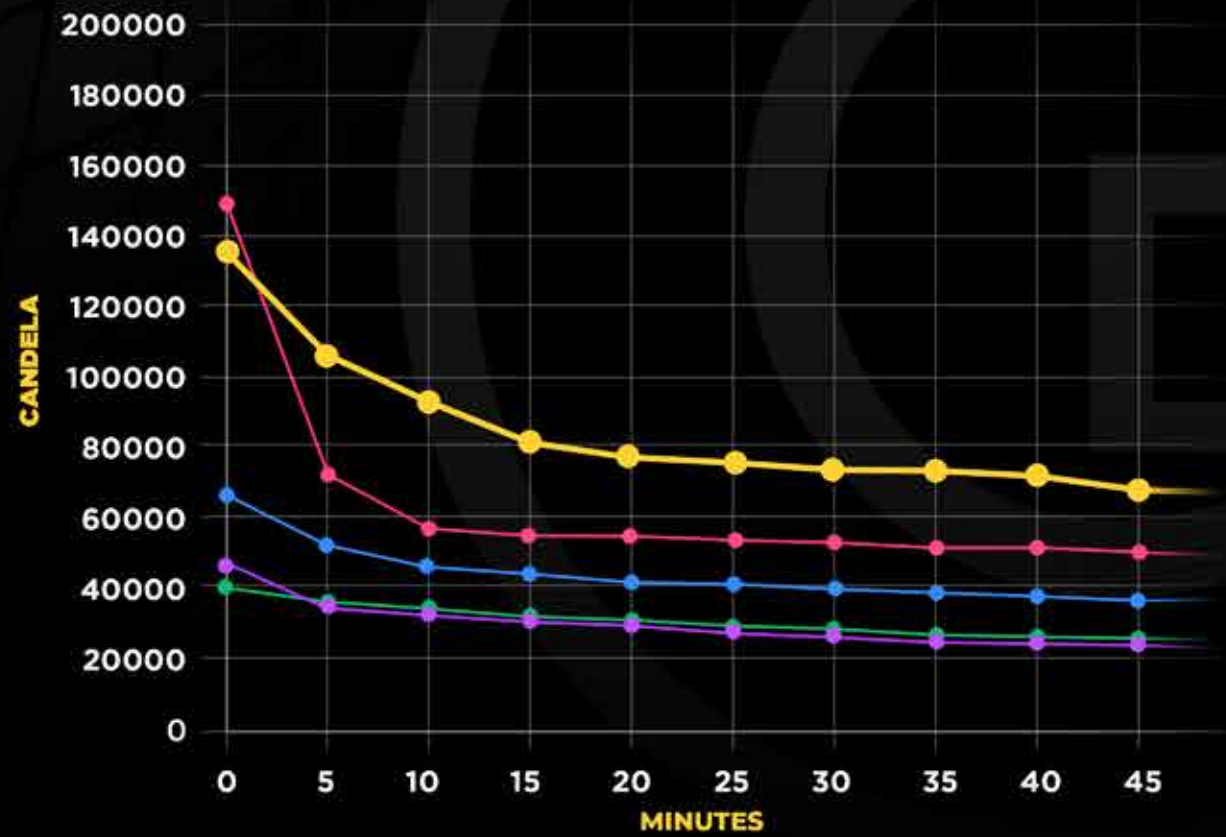


BULB CHART

| GE BULB | G3     |
|---------|--------|
| 4416    | P36G3L |
| 4505    | P36G3L |
| 4509    | P36G3L |
| 4587    | P36G3T |
| 4591    | P36G3L |
| 4593    | P36G3L |
| 4594    | P36G3L |
| 4595    | P36G3L |
| 4596    | P36G3L |
| 4623    | P36G3T |
| 4626    | P36G3L |
| 4627    | P36G3L |
| Q4631   | P36G3L |
| Q4632   | P36G3L |
| 4413    | P46G3L |
| 4313    | P36G3L |
| 4421    | P46G3L |
| 4435    | P46G3L |
| 4522    | P46G3L |
| 4537    | P46G3L |
| 4551    | P46G3L |
| 4553    | P46G3L |
| 4554    | P46G3L |
| 4580    | P46G3L |
| 4581    | P46G3L |
| Q4554   | P46G3L |
| Q4566   | P46G3L |
| 4570    | P46G3L |
| 4571    | P46G3L |

# PARMETHEUS™ G3 PAR 36

The data was taken from a 3rd party independent certified lab measuring max candela power at specific points in time.



CANDELA  
OUTPUT OVER TIME

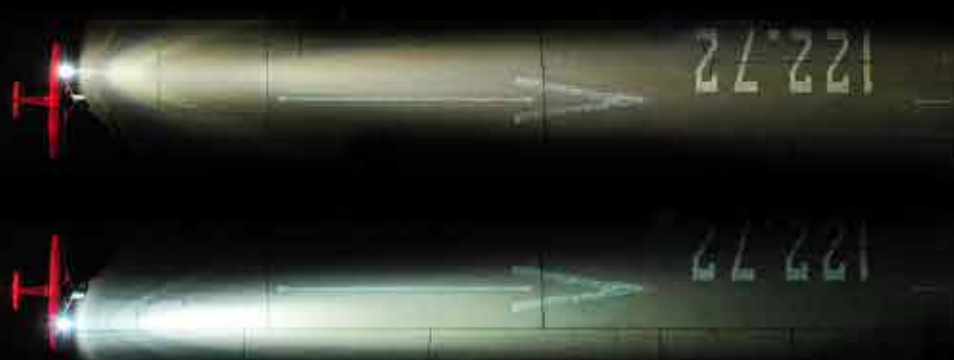
WAT  
Parmetheus™ G3  
Par 36

SUNSPOT  
36 LX/HX

SUNSPOT  
36-4596

Hercules  
30 Full Power High

Sunsetter  
ULTRA G2™

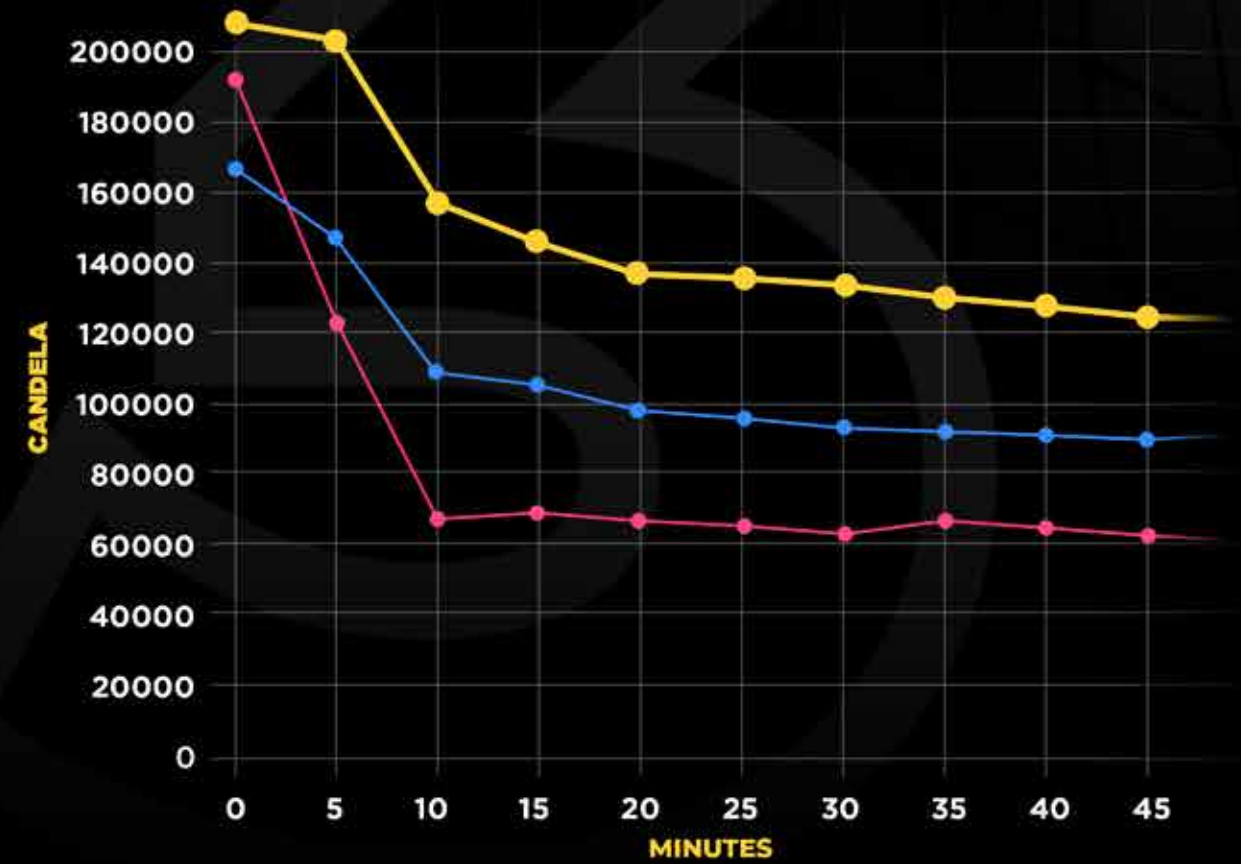


PARMETHEUS™ G3  
PAR 36

SUNSPOT  
36-4596

# PARMETHEUS™ G3 PAR 46

The data was taken from a 3rd party independent certified lab measuring max candela power at specific points in time.



CANDELA  
OUTPUT OVER TIME

WAT  
Parmetheus™ G3  
Par 46

SUNSPOT Par 46  
2130-LX

SUNSPOT Par 46  
2230-4580



PARMETHEUS™ G3  
PAR 46

SUNSPOT  
46-4580

# PARMETHEUS™ PRODIGY

**5** YEAR WARRANTY



## TAXI & LANDING



**MODEL:**  
**9090150**

**PART #**  
**01-0790901-50**

**DESCRIPTION:**  
**PARMETHEUS™ PRODIGY**  
LED LANDING & TAXI • **14-28 VDC**

**CANDLE POWER:**  
LANDING: **152,000** • TAXI: **35,000**

**AMPS/VOLTS:**  
LANDING: **2 Amps @ 14 VDC**  
LANDING: **1 Amp @ 28 VDC**  
TAXI: **3 Amps @ 14 VDC**  
TAXI: **1.5 Amps @ 28 VDC**

PENDING STC APPROVAL



# 70303 SERIES

## LED RECOGNITION LIGHT

LED recognition lights that are a direct drop in replacement to the Whelen legacy halogen recognition lights.



**0.1 lbs.** (45gm)



**L: 1.8"** (46mm) **W: 2.1"** (53mm)  
**H: 1.25"** (32mm)



**14 VDC:** 0.2 Amps  
**28 VDC:** 0.11 Amp

**Note: Order the LED light specific to your aircraft voltage**

| MODEL          | PART #               | DESCRIPTION  |
|----------------|----------------------|--|
| <b>7030300</b> | <b>01-0770303-00</b> | <i>(Discontinued, replaced by Part # 01-0770303-10)</i><br>Halogen Recognition Light • <b>25w @ 14 VDC</b> |
| <b>7030301</b> | <b>01-0770303-01</b> | <i>(Discontinued, replaced by Part # 01-0770303-20)</i><br>Halogen Recognition Light • <b>25w @ 28 VDC</b> |
| <b>7030310</b> | <b>01-0770303-10</b> | LED Recognition Light • <b>14 VDC</b>  |
| <b>7030320</b> | <b>01-0770303-20</b> | LED Recognition Light • <b>28 VDC</b>  |



**WARNING:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [flywat.com/regulatory](http://flywat.com/regulatory).



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## 71888/71898/71958 RECOGNITION LIGHT ASSEMBLIES



**0.25 lbs.** (113.5gm)



**L: 3.16"** (80mm) **W: 1.47"** (37mm)  
**H: 1.65"** (42mm)



**14VDC:** 0.60 Amps  
**28VDC:** 0.30 Amps

**Candela: 26,000**

LED Form • Fit • Function replacement to A775 & A775EXP series.

| MODEL   | PART #        | DESCRIPTION   |
|---------|---------------|---|
| 7195800 | 01-0771958-00 | LED Recog, • <b>14V</b> Piper Molex connector<br>OEM Part # 475-346             |
| 7195801 | 01-0771958-01 | LED Recog, • <b>28V</b> Piper Molex connector<br>OEM Part # 475-347             |
| 7188800 | 01-0771888-00 | LED Recog, • <b>14V</b> Standard Catalog Item                                   |
| 7188801 | 01-0771888-01 | LED Recog, • <b>28V</b> Standard Catalog Item                                   |
| 7189800 | 01-0771898-00 | LED Recog, • <b>28V</b> Beech   |
| 71898PO | 01-0771898-PO | LED Recog, • <b>28V</b> Beech Painted   |
| 7189801 | 01-0771898-01 | LED Recog, • <b>28V</b> Beech • Approvals: PMA<br>Textron Part # 130-381001-003 |



**0.36 lbs.** (163gm)



**L: 1.25"** (32mm) **W: 3.25"** (83mm)  
**H: 1.95"** (50mm)



**14V:** 1.1 Amps  
**28V:** 0.56 Amps

**Candela: 70,000** (at 10°)

Approvals: None

| MODEL   | PART #                                    | DESCRIPTION  |
|---------|---|--|
| 7217001 | 01-0772170-01<br>(Replaces 71125 -10,-20) | LED Light: 2"x3" • <b>14-28VDC</b> • <b>10° Beam Pattern</b>           |
| 7217002 | 01-0772170-02<br>(Replaces 71125 -11,-21) | LED Light: 2"x3" • <b>14-28VDC</b> • <b>20° Beam Pattern</b>           |
| 7217003 | 01-0772170-03<br>(Replaces 71125 -23)     | LED Light: 2"x3" • <b>14-28VDC</b><br><b>30° Vertical Beam Pattern</b> |
| 7217009 | 01-0772170-09<br>(Replaces 71125 -12,-22) | LED Light: 2"x3" • <b>14-28VDC</b> • <b>150° Beam Pattern</b>          |
| 7217041 | 01-0772170-41<br>(Replaces 71125 -52)     | LED Light: 2"x3" • <b>14-28VDC</b> • <b>10° Beam Pattern</b>           |
| 7217042 | 01-0772170-42<br>(Replaces 71125 -50)     | LED Light: 2"x3" • <b>14-28VDC</b> • <b>20° Beam Pattern</b>           |
| 7217043 | 01-0772170-43<br>(Replaces 71125 -53)     | LED Light: 2"x3" • <b>14-28VDC</b><br><b>30° Vertical Beam Pattern</b> |
| 7217049 | 01-0772170-49<br>(Replaces 71125 -51)     | LED Light: 2"x3" • <b>14-28VDC</b> • <b>150° Beam Pattern</b>          |



## SELF CONTAINED LED POSITION & ANTI-COLLISION LIGHTHEADS

All LED self-contained wingtip and tail mounted Position (POS) & Anti-Collision (ACL) system. Eliminates the need for external power supplies, reduces current draw and provides thousands of hours of operation. Where applicable, all Orion products are provided with a field replaceable, hard coated polycarbonate lens.

### ORION™ 650



**PART #:**  
**01-0790725-15 & 01-0790725-16**  
 400 Effective Candlepower  
 Ref TSO-C96a Class II



**0.30 lbs.** (136gm)



**L: 3.95"** (100mm) **W: 1.68"** (43mm)  
**H: 1.79"** (45mm)



**14VDC:** Position Light 0.20 Amps  
 Anti-Collision Light 0.56 Amps Avg.  
**28VDC:** Position Lights 0.17 Amps  
 Anti-Collision Light 0.24 Amps Avg.

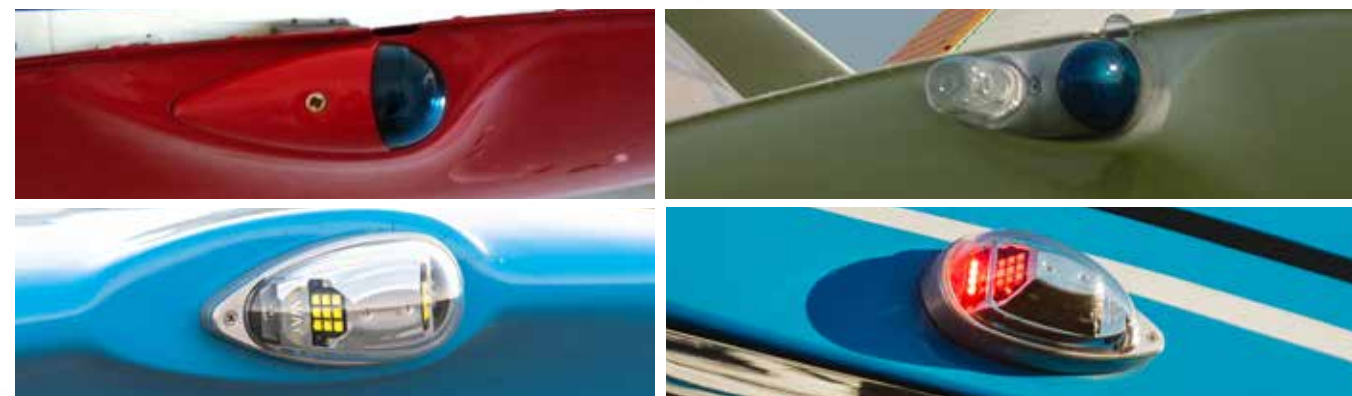
**Replacement Lens:**

Right: (Green) Assembly: Part # 01-0251094-01  
 Left: (Red) Assembly: Part # 01-0251094-00

**Approvals:**

STC/TSO/ETSO-C96a Class III • TSO-C30c Types I - II

| MODEL    | PART #        | DESCRIPTION  |
|----------|---------------|--|
| OR6501G  | 01-0790725-01 | <b>Green:</b> POS Light/ACL Wingtip Assembly • <b>14 VDC</b>   |
| OR6501R  | 01-0790725-02 | <b>Red:</b> POS Light/ACL Wingtip Assembly • <b>14 VDC</b>   |
| OR6502G  | 01-0790725-11 | <b>Green:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b>   |
| OR6502R  | 01-0790725-12 | <b>Red:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b>   |
| OR6502G4 | 01-0790725-15 | <b>Green:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b><br>400 Effective Candlepower, Ref TSO-C96a Class II |
| OR6502R4 | 01-0790725-16 | <b>Red:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b><br>400 Effective Candlepower, Ref TSO-C96a Class II   |



### ORION™ 650E



**0.26 lbs.** (118gm)



**L: 3.85"** (98mm) **W: 1.67"** (42mm)  
**H: 2.20"** (56mm)



**14VDC:** Position Light 0.30 Amps  
 Anti-Collision Light 0.70 Amps Avg.  
**28VDC:** Position Lights 0.15 Amps  
 Anti-Collision Light 0.35 Amps Avg.

**Note: This unit is designed to be installed under wingtip lens**

**Approvals:** STC/TSO/ETSO-C96a Class II • TSO/ETSO-C30c Types I - II

| MODEL    | PART #        | DESCRIPTION  |
|----------|---------------|--|
| OR6501GE | 01-0790701-01 | <b>Green:</b> POS Light/ACL Wingtip Assembly • <b>14 VDC</b> |
| OR6501RE | 01-0790701-02 | <b>Red:</b> POS Light/ACL Wingtip Assembly • <b>14 VDC</b>   |
| OR6502GE | 01-0790701-11 | <b>Green:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b> |
| OR6502RE | 01-0790701-12 | <b>Red:</b> POS Light/ACL Wingtip Assembly • <b>28 VDC</b>   |



# ORION™ 600



**0.5 lbs.** (227gm)



**L: x 5.65"** (144mm) **W: 1.78"** (45mm)  
**H: 2.04"** (52mm)



**14VDC:** Position Lights 0.48 Amps  
Anti-Collision Light 1.0 Amps Avg.  
**28VDC:** Position Lights 0.17 Amps  
Anti-Collision Light 0.5 Amps Avg.

**Replacement Lens:** Part # 02-0371773-300 (Same lens used for both left & right.)

**Approvals:** TSO-C96a Class II • TSO-C30c Types I - III • E-TSO

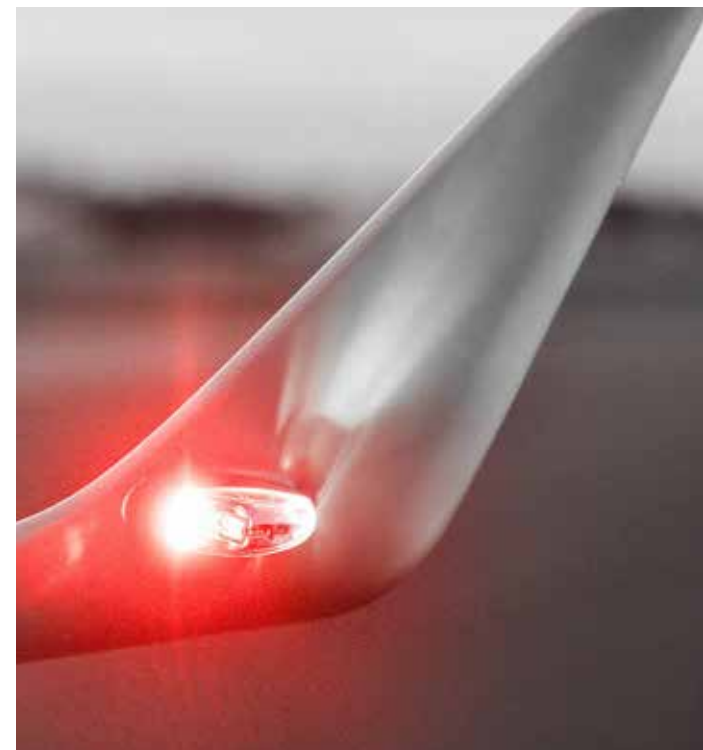
| MODEL          | PART #               | DESCRIPTION   |
|----------------|----------------------|---|
| <b>OR6001G</b> | <b>01-0771733-01</b> | <b>Green:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>14 VDC</b> |
| <b>OR6001R</b> | <b>01-0771733-02</b> | <b>Red:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>14 VDC</b>   |
| <b>OR6002G</b> | <b>01-0771733-11</b> | <b>Green:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b> |
| <b>OR6002R</b> | <b>01-0771733-12</b> | <b>Red:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b>   |

# ORION™ 600 - Cirrus Specific

\* CONTACT CIRRUS AIRCRAFT FOR PRICING AND AVAILABILITY.



| WAT ORION PART #   | CIRRUS KIT PART # | DESCRIPTION  |
|--|-------------------|--|
| <b>01-0771733-23 (Green)</b><br><b>01-0771733-24 (Red)</b> | <b>70702-002</b>  | 4-hole Mount kit with associated installation harnesses Reference Cirrus Service Bulletin <b>#SB2X-33-09</b> |
| <b>01-0771733-25 (Green)</b><br><b>01-0771733-26 (Red)</b> | <b>70702-001</b>  | 3-hole Mount kit with associated installation harnesses Reference Cirrus Service Bulletin <b>#SB2X-33-08</b> |



# ORION™ 660



**PART #:**  
**01-0790877-11 & 01-0790877-12**  
 400 Effective Candlepower  
 Ref TSO-C96a Class II



**0.30 lbs.** (136gm)



**L: 3.95"** (100mm) **W: 1.68"** (43mm)  
**H: 1.79"** (45mm)



**14VDC:** Position Light(s) 0.4 Amps  
 Anti-Collision Light 0.39 Amps Avg.  
**28VDC:** Position Light(s) 0.2 Amps  
 Anti-Collision Light 0.2 Amps Avg.

**Replacement Lens:**

Right: (Green) Assembly: Part # 01-0251094-01  
 Left: (Red) Assembly: Part # 01-0251094-00

**Approvals:**

TSO-C96a Class III • TSO-C30c Types I - III  
 (Part #s -11 & -12 Rev B TSO-C96a Class II)

| MODEL   | PART #        | DESCRIPTION  |
|---------|---------------|--|
| OR6601G | 01-0790877-01 | <b>Green:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>14 VDC</b>  |
| OR6601R | 01-0790877-02 | <b>Red:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>14 VDC</b>  |
| OR6602G | 01-0790877-11 | <b>Green:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b><br><b>400 Effective Candlepower, Ref TSO-C96a Class II</b> |
| OR6602R | 01-0790877-12 | <b>Red:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b><br><b>400 Effective Candlepower, Ref TSO-C96a Class II</b>   |



# ORION™ 550



**0.20 lbs.** (91gm)



**L: 1.87"** (47mm) **W: 1.75"** (44mm)  
**H: 2.17"** (55mm)



**14VDC:** Position Lights 0.20 Amps  
 Anti-Collision Light 0.72 Amps Avg.

**Replacement Lens:** Part # 68-3951061A31

**Approvals:** TSO-C96a Class II • TSO-C30c Type III

| MODEL   | PART #        | DESCRIPTION  |
|---------|---------------|--|
| OR5501V | 01-0772070V01 | <b>White:</b> Tail POS/ACL Assembly<br>• <b>14 VDC</b> |

# ORION™ 500



**0.29 lbs.** (132gm)



**L 3.72"** (94mm) **W 1.67"** (42mm)  
**H 2.20"** (56mm)



**14VDC:** Position Light 0.30 Amps  
 Anti-Collision Light 0.70 Amps Avg.  
**28VDC:** Position Lights 0.15 Amps  
 Anti-Collision Light 0.35 Amps Avg.

**Replacement Lens:** Part # 68-3951061A31

**Approvals:** STC/TSO/ETSO-C96a Class II • TSO/ETSO-C30c Type III

| MODEL   | PART #        | DESCRIPTION  |
|---------|---------------|--|
| OR5001V | 01-0771774V01 | <b>White:</b> Tail POS/ACL Assembly<br>• <b>14 VDC</b> |
| OR5002V | 01-0771774V02 | <b>White:</b> Tail POS/ACL Assembly<br>• <b>28 VDC</b> |





The CHROMA Series LED Plug N Play Position Lamps meet all FAA requirements for Chromaticity, Intensity, and Coverage FAR Part 23.1383 the 23.1397 FAR Part 27.1383 - 27.1397 when installing using existing Red or Green lenses. This allows for maintaining the original "approved" configuration of the light assembly in which they are installed. Robust machined base provides vibration resistance tested in accordance with RTCA/DO160 CAT U2, Curves F, F1 for rotor craft. These bulbs are FAA/TSO and STC approved for fixed wing and rotor craft applications.

### LED PLUG N PLAY POSITION LAMPS



**0.063 lbs.** (28.57gm)



**W: 1.23"** (31mm) **H: 2.05"** (52mm)



**14VDC:** 0.28 Amps  
**28VDC:** 0.13 Amps

Approvals: STC/TSO-C30c Types I - II

| MODEL           | PART #               | DESCRIPTION  |
|-----------------|----------------------|--|
| <b>CHROMA1G</b> | <b>01-0771900G14</b> | <b>Green:</b> Chroma Position LED Lamp • <b>14 VDC</b> |
| <b>CHROMA1R</b> | <b>01-0771900R14</b> | <b>Red:</b> Chroma Position LED Lamp • <b>14 VDC</b>   |
| <b>CHROMA2G</b> | <b>01-0771900G28</b> | <b>Green:</b> Chroma Position LED Lamp • <b>28 VDC</b> |
| <b>CHROMA2R</b> | <b>01-0771900R28</b> | <b>Red:</b> Chroma Position LED Lamp • <b>28 VDC</b>   |



90613 Series is a self-contained, all LED forward and aft position light with a white anti-collision light. These assemblies interconnect with standard Amp Mate-N-Lock connectors. 90613 assemblies have the same hole pattern of the original Cessna Caravan light. Units are FAA/STC Approved.



**0.88 lbs.** (399gm)



**L: 7.04"** (179mm) **W: 2.63"** (67mm)  
**H: 2.02"** (51.5mm)



**28VDC:** Position Lights 0.23 Amps  
Anti-Collision Light 0.73 Amps Avg.

Replacement Lens: Part # 68-3990574A30

Approvals: STC/TSO/ETSO-C96a Class II • TSO/ETSO-C30c Types I - III

| MODEL          | PART #               | DESCRIPTION   |
|----------------|----------------------|---|
| <b>9061391</b> | <b>01-0790613-91</b> | <b>Green:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b> |
| <b>9061392</b> | <b>01-0790613-92</b> | <b>Red:</b> Forward POS & White Tail POS Light ACL Wingtip Assembly • <b>28 VDC</b>   |

# 71554 SERIES



**0.17 lbs.** (77gm)



**L: 2.07"** (52.5mm) **W: 1.59"** (40mm)  
**H: 1.40"** (36mm)



**14VDC:** 0.25 Amps  
**28VDC:** 0.12 Amps

Replacement Lens: Part # 68-3970991-30 • Approvals: STC / TSO/ETSO-C30c Type III

**Mounting Note:** Vertical mount = mtg holes at 12 & 6 o'clock • Horizontal mount = mtg holes at 9 & 3 o'clock

| MODEL          | PART #               | DESCRIPTION  |
|----------------|----------------------|--|
| <b>7155401</b> | <b>01-0771554-01</b> | <b>White:</b> Tail Position Light Horizontal Mount • <b>28 VDC</b> |
| <b>7155402</b> | <b>01-0771554-02</b> | <b>White:</b> Tail Position Light Vertical Mount • <b>28 VDC</b>   |
| <b>7155411</b> | <b>01-0771554-11</b> | <b>White:</b> Tail Position Light Horizontal Mount • <b>14 VDC</b> |
| <b>7155412</b> | <b>01-0771554-12</b> | <b>White:</b> Tail Position Light Vertical Mount • <b>14 VDC</b>   |

The ORION™ 360's are the 4th Generation LED beacons for fixed wing aircraft. These new assemblies are designed to replace legacy 2.6" and 3.75" round beacons. The ORION 360 beacons are lower profile than legacy product by 60%, are TSO C96a Class III approved, and STC'd. The beacons come in 14 and 28 VDC and in multiple color configurations, (Red/Red - White Split/White)

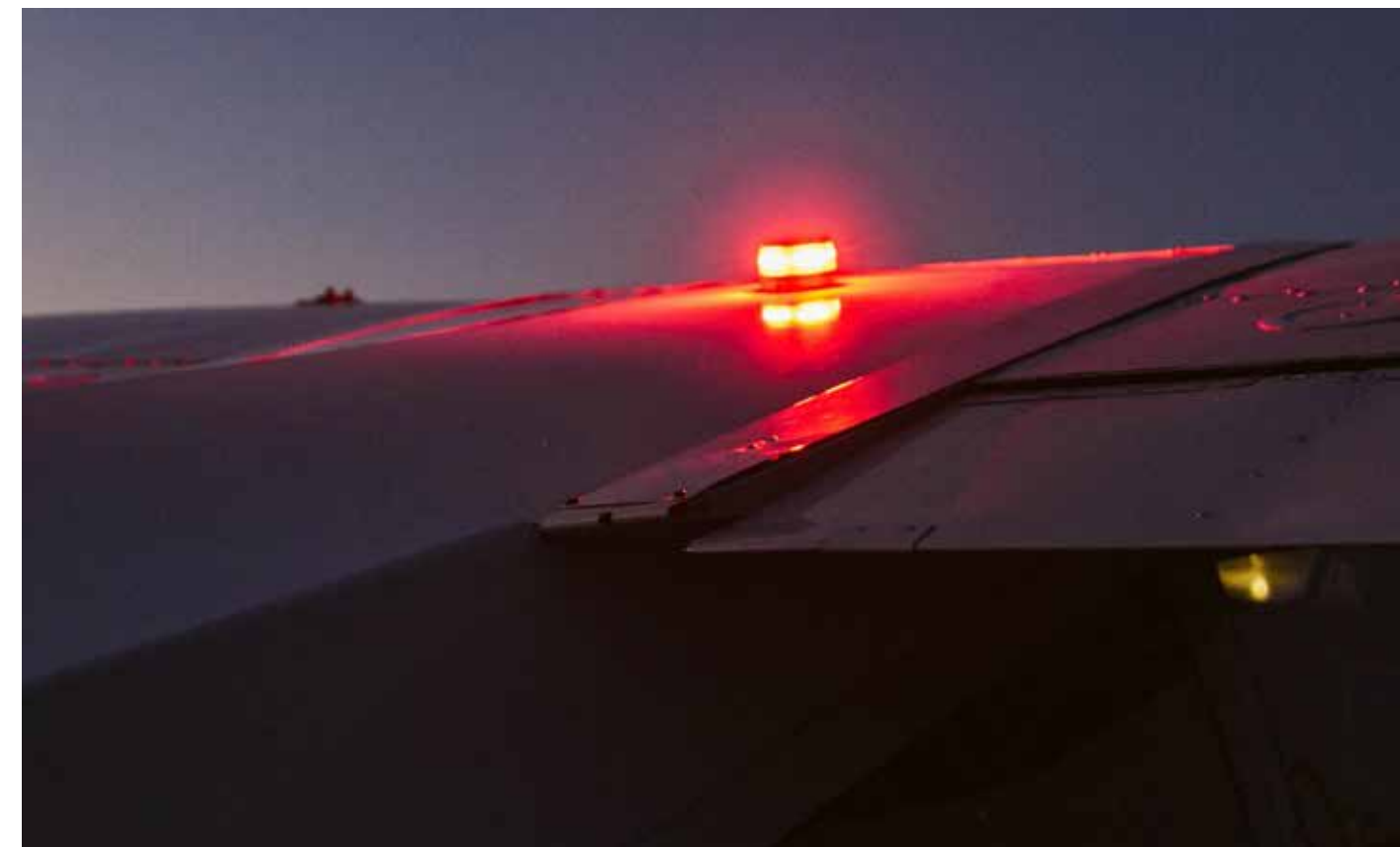


**Narrow Base: 0.30 lbs (136gm)**  
**Wide Base: 0.37 lbs (167gm)**

**14VDC:** 0.53 Amps Average  
 2.8 Amps Peak  
**28VDC:** 0.26 Amps Average  
 1.4 Amps Peak

**Approvals:** STC/TSO-C96a Class III

| MODEL    | PART #        | DESCRIPTION  |
|----------|---------------|--|
| OR36R1N  | 01-0772010-50 | Aviation Red • Upper • <b>14 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)        |
| OR36R1W  | 01-0772010-52 | Aviation Red • Upper • <b>14 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)       |
| OR36S1N  | 01-0772010-70 | Aviation Red/White • Upper • <b>14 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)  |
| OR36S1W  | 01-0772010-72 | Aviation Red/White • Upper • <b>14 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm) |
| OR36R2N  | 01-0772010-10 | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)        |
| OR36R2W  | 01-0772010-12 | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)       |
| OR36R2WL | 01-0772010-13 | Aviation Red • Lower • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)       |
| OR36S2N  | 01-0772010-30 | Aviation Red/White • Upper • <b>28 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)  |
| OR36S2W  | 01-0772010-32 | Aviation Red/White • Upper • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm) |
| OR36S2WL | 01-0772010-33 | Aviation Red/White • Lower • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm) |
| OR36W2N  | 01-0772010-20 | Aviation White • Upper • <b>28 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)      |
| OR36W2W  | 01-0772010-22 | Aviation White • Upper • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)     |
| OR36W2WL | 01-0772010-23 | Aviation White • Lower • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)     |





71080 Series Beacons are TSO approved self-contained RED LED Anti-Collision lights (Ref. Class I - 150 effective candlepower). They are designed to replace a range of legacy products from our A470A remote strobe heads to the HRCFA self-contained strobe assemblies.



**Model A440 Mounting Adapter used for fuselage mounting**

**Narrow Base: 0.65 lbs (295gm)**  
**Wide Base: 0.75 lbs (340gm)**

**14VDC: 0.90 Amps**  
**28VDC: 0.45 Amps**

**Replacement Lens: Part # 68-3990574A30 (Field replaceable)**

**Approvals: STC/TSO-C96a Class I**

| MODEL          | PART #               | DESCRIPTION   |
|----------------|----------------------|---|
| <b>7108051</b> | <b>01-0771080-51</b> | Aviation Red • Upper • <b>14 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)   |
| <b>7108055</b> | <b>01-0771080-55</b> | Aviation Red • Upper • <b>14 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)  |
| <b>7108001</b> | <b>01-0771080-01</b> | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>2.6"</b> (66mm)   |
| <b>7108004</b> | <b>01-0771080-04</b> | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>5.14"</b> (130mm) |
| <b>7108014</b> | <b>01-0771080-14</b> | Aviation Red • Lower • <b>28 VDC</b><br>Base Diameter: <b>5.14"</b> (130mm) |
| <b>7108005</b> | <b>01-0771080-05</b> | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)  |
| <b>7108015</b> | <b>01-0771080-15</b> | Aviation Red • Lower • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)  |
| <b>7108007</b> | <b>01-0771080-07</b> | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)  |
| <b>7108017</b> | <b>01-0771080-17</b> | Aviation Red • Lower • <b>28 VDC</b><br>Base Diameter: <b>3.67"</b> (93mm)  |
| <b>7108008</b> | <b>01-0771080-08</b> | Aviation Red • Upper • <b>28 VDC</b><br>Base Diameter: <b>5.14"</b> (130mm) |
| <b>7108018</b> | <b>01-0771080-18</b> | Aviation Red • Lower • <b>28 VDC</b><br>Base Diameter: <b>5.14"</b> (130mm) |

**NOTE: NOT APPROVED FOR CERTIFIED AIRCRAFT • NOT RECOMMENDED FOR NIGHT FLIGHT.**

LED wingtip and tail lighting for experimental and light sport aircraft

## MICROBURST™ I KIT



**Kit Model#:** MB1WT - Single Tail Light Assembly  
Part # 01-0771490-00

## MICROBURST™ II KIT

WITH TAIL LIGHT



**Kit Model#:** MB2KWT - One MB2R (Red) & One MB2G (Green) Plus One MB1WT Tail Light.  
Part # 01-0471519-010

## MICROBURST™ II KIT



**Kit Model#:** MB2K - One MB2R (Red) & One MB2G (Green) • Part # 01-0471519-00

## MICROBURST™ III KIT



**Kit Model#:** MB3K - One MB3R (Red) & One MB3G (Green) • Part # 01-0471507-00

| MODEL  | PART #        | DESCRIPTION   |
|--------|---------------|---|
| MB3K   | 01-0471507-00 | <b>Red &amp; Green:</b> Pair Forward Position & White Tail Position Light/Anti-Collision Light Wingtip Assembly<br><b>14 VDC</b> LED-Strobe & Rear Facing White Nav |
| MB2K   | 01-0471519-00 | <b>Red &amp; Green:</b> Pair Forward Position Light/Anti-Collision Light Wingtip Assembly<br><b>14 VDC</b>  |
| MB2KWT | 01-0471519-01 | <b>Red &amp; Green:</b> Pair Forward Position Light / Anti-Collision Light Wingtip Assembly Plus MB1 Tail Position/Anti-Collision Light Assembly<br><b>14 VDC</b>   |
| MB1WT  | 01-0771490-00 | White Tail Position/Anti-Collision Light Assembly<br><b>14 VDC</b>  |

Whelen Aerospace Technologies is proud to introduce the BLAZE, 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.



- 0.19 lbs.** (132gm)
- L: 4.54"** (115.5mm) **W: 1.33"** (34mm)  
**H: 1.23"** (32mm)
- 14VDC:** Position Light 0.40 Amps  
Anti-Collision Light 2.15 Amps Peak

**NOTE: NOT APPROVED FOR CERTIFIED AIRCRAFT • NOT RECOMMENDED FOR NIGHT FLIGHT.**

Replacement Lens: Part # PC099056

| MODEL    | PART #      | DESCRIPTION  |
|----------|-------------|--|
| BLAZE1RG | 01-95001-03 | <b>Red &amp; Green:</b> Pair Forward Position & White Tail Position Light/Anti-Collision Light Wingtip Assembly<br><b>14 VDC</b> |



EXPERIMENTAL LED WINGTIP - ANTI-COLLISION/POSITION LIGHTS

EXPERIMENTAL LED WINGTIP - ANTI-COLLISION/POSITION LIGHTS



## BEECHCRAFT BARON/ BONANZA KIT

WINGTIP LED



## ALPINE BONANZA KIT

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- More closely approximates the color temperature of Natural Daylight
- FAA STC & EASA approvals for hundreds of make/models of aircraft
- Thousands of installations worldwide

The Whelen Aerospace Technologies (WAT) BoomBeam HID lights is the best upgrade path for your Cirrus's landing light. We can provide a 7-time increase in light output. Greatly improving the safety of both day and night operations. This 85-watt BoomBeam consists of a new glass lens, reflector assembly, new lamp, 2 cables and the latest technology 85-watt ballast, and all the hardware necessary to install the kit. As a previous OEM supplier to Cirrus WAT has produced thousands of these units. We used that knowledge gained to create the best landing light available for your Cirrus. Our reflector technology is the best in the market. We married this improved reflector with our latest technology 85-watt ballast to create a light upgrade that improves light output by 700% over the factory installed light. But we did not stop there. We know that each pilot wants his airplane set up just for him. Some want a broad, wide landing beam and others, (that may have our TriTips installed), want to maximize the range of the light. The WAT BoomBeam light is tuneable so you can adjust the light for a custom fit to you and your aircraft.

## CIRRUS KITS

COWLING LANDING LIGHT



Round Kit



Rectangular Kit



Rectangular Upgrade Kit

| KIT #                 | AIRCRAFT SERIAL #  | DESCRIPTION   |
|-----------------------|--|---|
| <b>LSM-500-082-17</b> | <b>SR20</b> • S/N 1148-1422<br><b>SR22</b> • S/N 0119-0820   | <b>85W</b> Round Landing Light Installation Kit • Cowling       |
| <b>LSM-500-082-19</b> | <b>SR20</b> • S/N 1423-2043<br><b>SR22</b> • S/N 0821-3495   | <b>85W</b> Rectangular Landing Light Installation Kit • Cowling |
| <b>LSM-500-082-21</b> | <b>SR20</b> • S/N 2044-2126<br><b>SR22</b> • S/N 3389-3827<br><b>SSR22T</b> With HID Lights                                      | <b>85W</b> Rectangular Landing Light Installation Kit • Cowling |
| <b>LSM-500-082-27</b> | <b>SR20</b> • S/N 2127 and Subsequent<br><b>SR22</b> • S/N 3828 and Subsequent<br><b>SR22T</b> With Factory Installed LED Lights | <b>85W</b> Rectangular Landing Light Upgrade LED to HID         |

## CIRRUS KITS

WINGTIP RECOGNITION LIGHT



The Whelen Aerospace Technologies (WAT) BoomBeam HID wingtip lights is the best upgrade path for your Cirrus's wingtip lights. This system is for aircraft with stock recognition wingtip lights. This kit consists of model specific bracketry to slide into place replacing the poor performing LEDs that come stock on the aircraft. The 85-watt BoomBeam consists of a new glass lens, reflector assembly, new lamp, cables, custom bracketry, the latest technology 85-watt ballast, and all the hardware necessary to install the kit. As a previous OEM supplier to Cirrus WAT has produced thousands of these units. We used that knowledge gained to create the best landing light available for your Cirrus.

| KIT #                | AIRCRAFT SERIAL #   | DESCRIPTION                                   |
|----------------------|---|---|
| <b>LSM-500-135-1</b> | <b>SR20 (G3)</b> • S/Ns 1886 and Subsequent<br><b>SR22</b> • S/Ns 2238 and Subsequent<br><b>SR22T</b> | <b>85W</b> Cirrus Wing Tip Light Installation |



**HUNDREDS OF OTHER STC'D GENERAL AVIATION HID LIGHTING KITS AVAILABLE. PLEASE VISIT OUR WEBSITE OR CONTACT US TO SEE IF YOUR AIRCRAFT IS APPROVED.**





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210 AIRPORT DRIVE EAST • SEBASTIAN, FL 32958

☎ 1-772-562-4757 ✉ [INFO@FLYWAT.COM](mailto:INFO@FLYWAT.COM)