



WHELEN AEROSPACE TECHNOLOGIES

PART 27 PRODUCTS



PARMETHEUS™ G3 PAR 36

2.5 TIMES BRIGHTER THAN THE PARMETHEUS™ PLUS

- Industry Leading Performance
- Minimal reduction in output over time due to thermal overload
- Variable voltage 14-28 VDC
- 5 year warranty
- RTCA DO-160 Environmental Tested
- Now with sealed lens

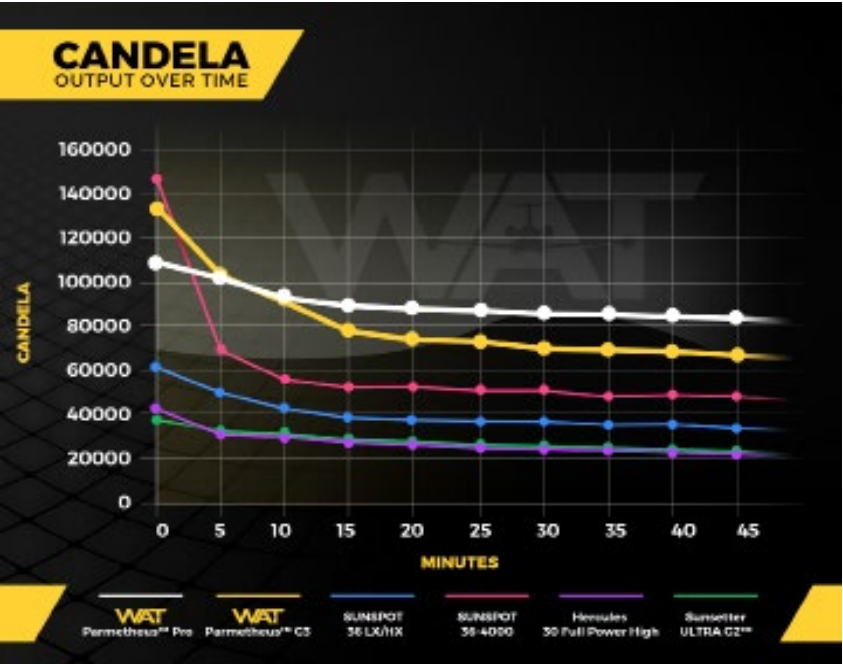


MODEL	PART#	DESCRIPTION	TYPE	CANDLE POWER	AMPS & VOLTS
P36G3L	01-0772102-10	PARMETHEUS™ G3 PAR 36 LANDING 14V-28V	Landing Light	136,273	3.8 Amps @ 14 VDC
P36G3T	01-0772102-15	PARMETHEUS™ G3 PAR 36 TAXI 14V-28V	Taxi Light	35,000	1.9 Amps @ 28 VDC

BULB CHART

GE BULB #	G3	PRO	PLUS
4416	P36G3L	P36PRO	P36P1L
4505	P36G3L	P36PRO	P36P2L
4509	P36G3L	P36PRO	P36P1L
4587	P36G3T	P36PRO	P36P2T
4591	P36G3L	P36PRO	P36P2L
4593	P36G3L	P36PRO	P36P2T
4594	P36G3L	P36PRO	P36P2L
4595	P36G3L	P36PRO	P36P1L
4596	P36G3L	P36PRO	P36P2L
4623	P36G3T	P36PRO	P36P2T
4626	P36G3L	P36PRO	P36P2T
4627	P36G3L	P36PRO	P36P2T
Q4631	P36G3L	P36PRO	P36P1L
Q4632	P36G3L	P36PRO	P36P1L
4413	P46G3L*	P46PRO	P46P1L
4313	P36G3T	P36PRO	P361T
4421	P46G3L*	P46PRO	P46P1L
4435	P46G3L*	P46PRO	P46P1L
4522	P46G3L*	P46PRO	P46P1L
4537	P46G3L*	P46PRO	P46P1L
4551	P46G3L*	P46PRO	P46P2L
4553	P46G3L*	P46PRO	P46P2L
4554	P46G3L*	P46PRO	P46P2L
Q4554	P46G3L*	P46PRO	P46P2L
Q4566	P46G3L*	P46PRO	P46P2L
4570	P46G3L*	P46PRO	P46P2L
4571	P46G3L*	P46PRO	P46P2L
4552	P64G3L*	N/A	N/A
4557	P64G3L*	N/A	N/A
4559	P64G3L*	N/A	N/A
4559X	P64G3L*	N/A	N/A

The test data below was taken from a certified independent lab indicating beam candlepower at the specific measurements of time.



* P46G3L Coming Soon
* P64G3L Coming Soon

PARMETHEUS™ G3 PAR 46

2.5 TIMES BRIGHTER THAN THE PARMETHEUS™ PLUS

- Industry Leading Performance
- Minimal reduction in output over time due to thermal overload
- Variable voltage 14-28 VDC
- 5 year warranty
- RTCA DO-160 Environmental Tested
- Sealed Lens
- STC& PMA **Pending**



MODEL	PART#	DESCRIPTION	TYPE	CANDLE POWER	AMPS & VOLTS
P46G3L	01-0790906-00	PARMETHEUS™ G3 PAR 46 LANDING 14V-28V	Landing Light	228,044	6.0 Amps @ 14 VDC 2.7 Amps @ 28 VDC



PARMETHEUS™ G3 PAR 64

- Industry Leading Performance
- Minimal reduction in output over time due to thermal overload
- Variable voltage 28 VDC/ VAC
- 5 year warranty
- RTCA DO-160 Environmental Tested
- Sealed Lens
- STC& PMA **Pending**



MODEL	PART#	DESCRIPTION	TYPE	CANDLE POWER	AMPS & VOLTS
P64G3L	01-0772128-00	PARMETHEUS™ G3 PAR 64 LANDING 28 VAC/VDC	Landing Light	--	----

PARMETHEUS™ PRO PAR 36 & 46

- FAA STCs included for piston and turboprop aircraft.
- Jet STCs are available at an additional cost
- “Drop-In” design offers easy installation and maintenance
- Power wiring attaches to brass screw terminals
- LED Retrofit for PAR-36 or PAR-46 halogen lamps
- Five year warranty
- Simple drop-in installation
- 60-day product buyback
- Patented technology
- **500+ FAA STCs available**



MODEL	PART#	DESCRIPTION	CANDLE POWER	AMPS & VOLTS
P36PRO	LSM-SCD-042-1	PAR-36 PRO LANDING	106,169	.9 AMPS @ 28V 1.7 AMPS @14V
P46PRO	LSM-SCD-039-1	PAR-46 PRO LANDING	175,557	1.4 AMPS @ 28V 2.9 AMPS @ 14V

PARMETHEUS™ PLUS PAR 36 & 46

- Optical spot and flood combinations via WAT’s TIR™ (Total Internal Reflector) technology.
- PAR-36 available in Landing and Taxi versions
- Five year warranty
- “Drop-In” design offers easy installation and maintenance:
- Power wiring attaches to brass screw terminals.
- Weight is virtually identical to previous lamps.
- Assembly design includes clocking notch.
- FAA PMA / STC Approved



MODEL	PART#	DESCRIPTION	TYPE	CANDLE POWER	AMPS & VOLTS
P46PIL	01-0790750-10	PAR 46 LANDING 14V	Landing Light	105,000	2.6 Amps @ 14 VDC
P46P2L	01-0790750-20	PAR 46 TAXI 28V	Landing Light	105,000	1.3 Amps @ 28 VDC
P36PIL	01-0771833-10	PAR 36 LANDING 14V	Landing Light	60,000	1.36 Amps @ 14 VDC
P36PIT	01-0771833-15	PAR 36 TAXI 14V	Taxi Light	15,000	
P36P2L	01-0771833-20	PAR 36 LANDING 28V	Landing Light	60,000	.68 Amps @ 28 VDC
P36P2T	01-0771833-25	PAR 36 TAXI 28V	Taxi Light	15,000	

LED POSITION LIGHTS

71105 SERIES

Weight: 020 lbs. (91gm) 14VDC, 0.25 lbs (113 gm) 28VDC
Current Draw: 0.25amps @ 14VDC OR 28VDC
Position LED Color: Aviation Red, Aviation Green
Lens: Clear polycarbonate



MODEL	PART#	DESCRIPTION	WEIGHT	DIMENSIONS	COLORS	LENS	APPROVALS
7110501	01-0771105-01	Position Green 14VDC	20 lbs. (91gm)	Exposed Height: 1.08" (27.43mm) x 1.77" (44.95mm) x 3.88" (98.55mm)	Aviation Red Aviation Green	Clear Polycar- bonate	TSO-C30c Type II
7110502	01-0771105-02	Position Red , 14 VDC	14VDC				TSO-C30c Type I
7110503	01-0771105-03	Position Green , 28 VDC	.25 lbs				TSO-C30c Type II
7110504	01-0771105-04	Position Red , 28 VDC	(113gm) 28VDC				FTSO-C30c Type I

71379 SERIES

Weight: 0.23 lbs (104gm)
Current Draw: 0.25 Amps @ 28 VDC
Position LED Color: Aviation Red, Aviation Green
Lens: Clear polycarbonate



MODEL	PART#	DESCRIPTION	WEIGHT	DIMENSIONS	COLORS	LENS	APPROVALS
7137911	01-0771379-11	LED Forward POS (Green), 14 VDC	0.23lbs (104gm)	Exposed Height: 1.25" (31.75mm) x 1.75" (44.45mm) x 2.31" (58.67mm)	Aviation Red Aviation Green	Clear Polycar- bonate	TSO-C30c Type II
7137912	01-0771379-12	LED Forward POS (Red), 14 VDC					TSO-C30c Type I
7137901	01-0771379-01	LED Forward POS (Green), 28 VDC					TSO-C30c Type II
7137902	01-0771379-02	LED Forward POS (Red), 28 VDC					TSO-C30c Type I

71554 Series

Weight: 0.14 lbs. (64gm)
Current Draw: 0.13 Amps @ 28 VDC 0.26 Amps @ 14 VDC
Position LED Color: Aviation White
Lens: Clear hard-coated polycarbonate



MODEL	PART#	DESCRIPTION	WEIGHT	DIMENSIONS	COLORS	LENS	APPROVALS
7155411	01-0771554-11	Horizontal mount, 14 VDC	0.14 lbs. (64gm)	Exposed Height: 1.4" (35.56mm) x 1.59" (40.38mm) x 2.07" (52.57mm)	Aviation White	Clear Hard-coated Polycarbon- ate	STC / TSO/ETSO-C30c Type III
7155412	01-0771554-12	Vertical mount, 14 VDC					STC / TSO/ETSO-C30c Type III
7155401	01-0771554-01	Horizontal mount, 28 VDC					STC / TSO/ETSO-C30c Type III
7155402	01-0771554-02	Vertical mount, 28 VDC					STC / TSO/ETSO-C30c Type III
7155403	01-0771554-03	Vertical mount (Cessna), 28 VDC					STC / TSO/ETSO-C30c Type III

ORION™ SERIES SELF CONTAINED LED POSITION & ANTI-COLLISION LIGHTHEADS

ORION™ Series Lightheads

All LED self-contained wingtip and tail mounted Position & Anti-Collision system. Eliminates the need for external power supplies, reduces current draw and provides thousands of hours of operation.

ORION™ 600

Weight: 0.5 lbs. (227gm)
Dimensions: L x 5.65"(144mm) x W 1.78" (45mm) x H 2.04" (52mm)
Current Draw: 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: P/N: 02-0371773-300 (Same lens used for both left & right.)



MODEL	PART#	DESCRIPTION	APPROVALS
OR600IG	01-0771733-01	Green Forward POS & White Tail POS Light / ACL Wingtip Assembly, 14 VDC	TSO-C96a, TSO-C30c Types II & III, E-TSO
OR600IR	01-0771733-02	Red Forward POS & White Tail POS Light / ACL Wingtip Assembly, 14 VDC	TSO-C96a, TSO-C30c Types I & III, E-TSO
OR6002G	01-0771733-11	Green Forward POS & White Tail POS Light / ACL Wingtip Assembly, 28 VDC	TSO-C96a, TSO-C30c Types II & III, E-TSO
OR6002R	01-0771733-12	Red Forward POS & White Tail POS Light / ACL Wingtip Assembly, 28 VDC	TSO-C96a, TSO-C30c Types I & III, E-TSO

ORION™ 650E

Weight: 0.26 lbs. (118gm)
Dimensions: L x 3.85" (98mm) x W 1.67" (42mm) x H 2.20" (56mm)
Current Draw: 14VDC: Position Light 0.30 Amps / Anti-Collision Light 0.70 Amps Avg.
28VDC: Position Light 0.15 Amps / Anti-Collision Light 0.35 Amps Avg.
**Note* - unit is designed to be installed under wingtip lens*



MODEL	PART#	DESCRIPTION	APPROVALS
OR6501GE	01-0790701-01	Green POS Light / ACL Wingtip Assembly, 14 VDC	STC/TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II
OR6501RE	01-0790701-02	Red POS Light / ACL Wingtip Assembly, 14 VDC	STC/TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I
OR6502GE	01-0790701-11	Green POS Light / ACL Wingtip Assembly, 28 VDC	STC/TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II
OR6502RE	01-0790701-12	Red POS Light / ACL Wingtip Assembly, 28 VDC	STC/TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I

ORION™ 650

Weight: 0.30 lbs. (136gm)
Dimensions: L x 3.95" (100mm) x W 1.68" (43mm) x H 1.79" (45mm)
Current Draw: 14VDC: Position Light 0.20 Amps / Anti-Collision Light 0.56 Amps Avg.
28VDC: Position Light 0.17 Amps / Anti-Collision Light 0.24 Amps Avg.
Replacement Lens: Right (Green) Assembly: p/n 01-0251094-01
Left (Red) Assembly: p/n 01-0251094-00



MODEL	PART#	DESCRIPTION	APPROVALS
OR6501G	01-0790725-01	Green POS Light / ACL Wingtip Assembly, 14 VDC	STC/TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type II
OR6501R	01-0790725-02	Red POS Light / ACL Wingtip Assembly, 14 VDC	STC/TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type I
OR6502G	01-0790725-11	Green POS Light / ACL Wingtip Assembly, 28 VDC	STC/TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type II
OR6502R	01-0790725-12	Red POS Light / ACL Wingtip Assembly, 28 VDC	STC/TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type I



ORION™ 660

Weight: 0.30 lbs. (136gm)
Dimensions: L x 3.95" (100mm) x W 1.68" (43mm) x H 1.79" (45mm)
Current Draw: 14VDC: Position Light 0.40 Amps / Anti-Collision Light 0.39 Amps Avg.
28VDC: Position Light 0.2 Amps / Anti-Collision Light 0.20 Amps Avg.
Replacement Lens: Right (Green) Assembly: 01-0251094-01
Left (Red) Assembly: 01-0251094-00



MODEL	PART#	DESCRIPTION	APPROVALS
OR6601G	01-0790877-01	Green Forward POS & White Tail POS Light / ACL Wingtip Assembly, 14 VDC	TSO-C96a, TSO-C30c Types II & III
OR6601R	01-0790877-02	Red Forward POS & White Tail POS Light / ACL Wingtip Assembly, 14 VDC	TSO -C96a, TSO -C30c Types I & III
OR6602G	01-0790877-11	Green Forward POS & White Tail POS Light / ACL Wingtip Assembly, 28 VDC	TSO-C96a, TSO-C30c Types II & III
OR6602R	01-0790877-12	Red Forward POS & White Tail POS Light / ACL Wingtip Assembly, 28 VDC	TSO -C96a, TSO -C30c Types I & III

PENDING STC

ORION™ 500

Weight: 0.29 lbs. (132gm)
Dimensions: L x 3.72"(94mm) x W 1.75" (44mm) x H 2.17" (55mm)
Current Draw: 14DC: Position Light 0.20 Amps / Anti-Collision Light 0.72 Amps Avg.
28VDC: Position Light 0.10 Amps / Anti-Collision Light 0.36 Amps Avg.
Replacement Lens: P/N: 68-3951061A31



MODEL	PART#	DESCRIPTION	APPROVALS
OR5001V	01-0771774V01	White Tail POS / ACL Assembly, 14 VDC	STC / TSO/ETSO-C96a Class II TSO/ETSO-C30c Type III
OR5002V	01-0771774V02	White Tail POS / ACL Assembly, 28 VDC	

ORION™ 550

Weight: 0.20 lbs. (91gm)
Dimensions: L x 1.87"(47mm) x W 1.75" (44mm) x H 2.17" (55mm)
Current Draw: 14VDC: Position Light 0.20 Amps / Anti-Collision Light 0.72 Amps Avg.
Replacement Lens: P/N: 68-3951061A31



MODEL	PART#	DESCRIPTION	APPROVALS
OR5501V	01-0772070V01	White Tail POS / ACL Assembly, 14 VDC	TSO-C96a Class II TSO-C30c Type III PENDING STC

71080 SERIES LED BEACONS



71080 Series Beacons are TSO approved self-contained LED Anti-Collision lights (Ref. Class I - 150 effective candlepower). They are designed to replace a range of products. Refer to models and descriptions below. Models -01, -04, -05, -13, -14, -15, -20: Ship with 12" Flying Leads

Models -07, -17, -08, -18: MS3102R10SL-3P Connector

Models -04, -14, -08, -18: designed to replace existing beacons using 5-Hole mounting pattern on a 4.656 dia. bolt circle (Whelen 70285 Series/7090501 Series or 70900 with A440 adapter).

Models -05, -15, -07, -17: 3 3/4" opening designed to fit inside an A440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen Model HRCFA, or 7090004, -05 Series LED beacons.



MODEL	PART#	DESCRIPTION	WEIGHT	DIMENSIONS	CURRENT DRAW	COLOR	APPROVALS
7108051	01-0771080-51	LED Red, 14 VDC, 2.6" mount	0.65 lbs. (295gm) (-01 & -51)	Exposed height, 3.74" (95mm) (-01 & 51) x 2.6" (66mm)	0.67 amps average, 2.0 amps peak 150 eff. Cd 28 VDC	Aviation Red	TSO-C96a Class I
7108055	01-0771080-55	LED Red, 14 VDC, 3.75" adapter, Flying Leads					TSO-C96a Class I
7108001	01-0771080-01	LED Red, 28 VDC, 2.6" mount					TSO-C96a Class I
7108004	01-0771080-04	LED Red, 28 VDC & 5-Hole mount					TSO-C96a Class I
7108014	01-0771080-14	LED Red, 28 VDC & 5-Hole, lower mount					TSO-C96a Class I
7108005	01-0771080-05	LED Red, 28 VDC, 3.75" adapter					TSO-C96a Class I
7108015	01-0771080-15	LED Red, 28 VDC, 3.75" adapter, lower mount					TSO-C96a Class I
7108007	01-0771080-07	LED Red, 28 VDC, 3.75" adapter, MS Conn.					TSO-C96a Class I
7108017	01-0771080-17	LED Red, 28 VDC, 3.75" adapter, lower mount, MS Conn.					TSO-C96a Class I
7108008	01-0771080-08	LED Red, 28 VDC & 5-Hole mount, MS Conn.					TSO-C96a Class I
7108018	01-0771080-18	LED Red, 28 VDC & 5-Hole, lower mount, MS Conn.					TSO-C96a Class I





LED LANDING/ RECOGNITION LIGHTS

71125 SERIES

Drawing #: 71125 Weight: 0.3 lbs. (136gm)
Current Draw: 0.9 Amps @ 14 Volts, 0.45 Amps @ 28 Volts
LED Color: Aviation White
Lens: Clear polycarbonate



MODEL	PART#	DESCRIPTION	DRAWING#	WEIGHT	DIMENSIONS	COLORS	LENS	CANDLE POWER
7112510	01-0771125-10	10 degree beam pattern, 14 VDC	71105	.20 lbs. (91gm) 14VDC .25 lbs (113gm) 28VDC	Exposed Height: 1.08" (27.43mm) x 1.77" (44.95mm) x 3.88" (98.55mm)	Aviation Red Aviation Green	Clear Polycar- bonate	30,000+
7112511	01-0771125-11	20 degree beam pattern, 14 VDC						
7112512	01-0771125-12	90 degree beam pattern, 14 VDC						
7112520	01-0771125-20	10 degree beam pattern, 28 VDC						
7112521	01-0771125-21	20 degree beam pattern, 28 VDC						
7112522	01-0771125-22	90 degree beam pattern, 28 VDC						

BOOMBEAM HID LANDING & TAXI LIGHTS

- Produces 3 - 15 times more light, engineered specially for each model aircraft.
- Increases safety, see and be seen
- Reduces electrical load and heat output
- Increased Reliability
- 5 year/ 5,000hr warranty, proven system based on time-tested components
- More closely approximates the color temperature of Natural Daylight FAA STC for hundreds of make/models of aircraft.
- Thousands of installations worldwide
- Global Dealer Network



KIT NUMBER	AIRCRAFT MODELS	DESCRIPTION
LSM-500-052	AS350B, AS350B1, AS350B2, AS350B3, AS350BA, AS350C, AS350D, AS350D1, EC130B4, EC130T2	Airbus nose mounted landing/ taxi lights.
LSM-500-053	Bell 206A, 206B, 206B-3, 206L, 206L-1, 206L-3, 206L-4	Bell nose mounted landing/ taxi lights
LSM-500-133	AB139, AW139	Agusta Westland landing light installation kit (PENDING STC)
LSM-500-132	R22, R22 ALPHA, R22 BETA, R22 MARINER, R44, R44 II, R66	Robinson nose mounted landing/ taxi lights



OVERT / COVERT LIGHTING

71485

Drawing #: 71485 Weight: 0.670 lbs. (304gm) (w/3.75 Adapt)
Current Draw: 0.3Amps Avg Red // 0.12Amps Avg IR
Position LED Color: Aviation Red & IR
Lens: Clear Polycarbonate



71485 is a combination Aviation Red visible and IR flashing beacon. Produced as a derivative of our Models 71080 & 90520, there is no TSO available for this product. 71485 can be surface mounted in an area as small as 2.75 or has an adapter to drop into a 3.75 recessed mount commonly found. Nominal IR LEDs at 875nm. unit ships with 18 flying leads, independent control for Red and IR LED packages. Surface mount unit and additional models are not listed, contact factory.

MODEL	PART#	DESCRIPTION	DRAWING#	WEIGHT	DIMENSIONS	COLORS	LENS	APPROVALS
7148500	01-0771485-00	LED Red	71485	0.670 lbs. (304gm) (w/Adapt)	3.5 (88.9mm)Base Width: 3.66 (92.96mm)	Aviation Red & IR	Clear Polycarbonate	-
7148501	01-0771485-01	LED Red						-

70513

Drawing #: 70513 Weight: 0.2lbs. (91gm)
Current Draw: 19Amps @ 28V
Position LED Color: Infra Red, 890nm Wavelength
Lens: Heat Resistant glass (Frosted)



Model 70513 Series is an IR Emitter used to identify aircraft or vehicles in the non visible light spectrum. A good choice when viewing objects with Video or light amplification devices. Models available in a choice of 30 or 2 hertz. Assembly ships with a set of 36" flying leads.

MODEL	PART#	DESCRIPTION	DRAWING#	WEIGHT	EXPOSED HEIGHT	LENS	APPROVALS
7051300	01-0770513-00	IR LED emitter (30hz), 28 VDC	70513	0.22 lbs (91gm)	1.4 (36mm)	Heat Resistant glass (Frosted)	-
7051302	01-0770513-02	IR LED Light emitter (2hz) 28VDC					



CHROMA™ SERIES

LED technology is optimal for aviation applications. Whelen LED lights are time and field tested for reliability and long-life performance under the harsh conditions faced by Fire, DOT, and Law Enforcement professionals around the world. Whelen Aviation Products exceed industry standards. Whether installed on a Boeing 737, a Gulfstream 650, a high altitude reconnaissance aircraft, or on helicopters operating in the North Sea, Whelen products are trusted to perform in every imaginable environment.



TYPICAL FILAMENT LAMP



CHROMA™ LED RED



CHROMA™ LED GREEN

- Direct replacements for W129028 / 129028 / A7512-24 / W628 628 incandescent bulbs
- Unique reflector design allows for full FAR coverage compliance
- Robust machined base provides vibration resistance tested in accordance with RTCA/DO160 CAT U2, Curves F, F1 for rotorcraft
- All electronic logic conformal coated for weather resistance
- O Ring allows for a more secure connection to lamp socket, reducing wear over time
- Nickel Plated hard contact eliminates premature wear
- Keeps original lens configuration to maintain FAA ap-

- provals of light assembly
- LED bulbs have a 10,000 hour operating life, while incandescent bulbs have a fragile filament and a 300 hour average life
- NO EMI / RFI interference, as Chroma™ bulbs are built using fixed current sources
- 85% reduced current draw
- Five year warranty
- FAA TSO Approved
- STC Approved



MODEL	PART#	DESCRIPTION	CURRENT DRAW	DIMENSIONS	APPROVALS
CHROMA2R	01-0771900R28	Chroma Position LED Lamp, 28V, Red	0.15 Amps @ 28 VDC	2.05" H x 1.23" W	FAA / STC Approved
CHROMA2G	01-0771900G28	Chroma Position LED Lamp, 28V, Green			FAA / STC Approved
CHROMA1R	01-0771900R14	Chroma Position LED Lamp, 14V, Red	0.30 Amps @ 14 VDC		FAA / STC Approved
CHROMA1G	01-0771900G14	Chroma Position LED Lamp, 14V, Green			FAA / STC Approved

INTERIOR LIGHTING

71144 SERIES

GOOSENECK LED LIGHT ASSEMBLY

Weight: 0.46 Lbs (209gm)
Features a positive off position & rheostat controlled light intensity. Available in 28VDC only. Models including 'side' mounted intensity control are available which is designed for the S76D.



MODEL	PART#	DRAWING#	WEIGHT	DIMENSIONS	APPROVALS
7114416	01-0771144-16	71144	0.46 Lbs (209gm)	16" (406mm)	-

70820 SERIES

LED INTERIOR MAP / READING LIGHT ASSEMBLIES

Weight: 0.19 lbs. (86gm)
Model 70820 Series are LED (Light Emitting Diode) interior map/reading light assemblies. They are designed for cabin, or cockpit illumination. It has a 360° swivel base, allowing for infinite light angle adjustment. Utilizing LED technology, the following advantages are offered: Long Life (approx. 20,000 hours); Reduced Power Consumption (compared to alternative light sources) and Shock Vibration Resistant.



MODEL	PART#	DESCRIPTION	DRAWING	CURRENT DRAW	DIMENSIONS	APPROVALS
7082000	01-0770820-00	White LED, natural aluminum finish, 14 VDC	70820	0.02 amps @ 14 VDC, 0.02 amps @ 28 VDC	1.13" (28.7mm, base) x 1.34" (34mm) x 2.66" (67.56mm swivel dia.)	-
7082002	01-0770820-02	White LED, Black anodized finish, 14 VDC				-
7082004	01-0770820-04	Red LED, Black anodized finish, 14 VDC				-
7082001	01-0770820-01	White LED, natural aluminum finish, 28 VDC				-
7082003	01-0770820-03	White LED, Black anodized finish, 28 VDC				-
7082005	01-0770820-05	Red LED, Black anodized finish, 28 VDC				-

70813 SERIES

LED INTERIOR CABIN LIGHT

Weight: 0.1 lbs. (45gm)
Model 70813 series LED interior cabin light is a high quality, long lasting, dimmer controllable, modern alternative to the A360 series incandescent interior cabin lights. It offers significant technological upgrades over previous products.



MODEL	PART#	DESCRIPTION	CURRENT DRAW	DIMENSIONS	APPROVALS
7081304	01-0770813-04	LED Dome Light (28V)	0.16 amps	0.25 (6mm) x 4.0 (101mm) x 2.75 (70mm)	-
7081307	01-0770813-07	LED Dome Light (14V)	.08 amps		-
7081308	01-0770813-08	LED Dome Light (28V)	0.16 amps		-
7081312	01-0770813-12	LED Dome Light (28V)	0.24 amps		-

PUBLIC ADDRESS SYSTEMS

295SLSA1

8 FUNCTION 100/200 WATT PUBLIC ADDRESS HELICOPTER SIREN AMPLIFIER

Weight: 3.0 lbs. (1361gm)
This 8 function 100/200 watt siren amplifier features public address, Hi/Low, yelp and wail siren tones with manual override. Input, output and over-voltage protection. Complete with wired-in noise cancelling microphone mike clips and cables. Please specify 14 or 28 VDC when ordering.



MODEL	PART#	DRAWING#	WEIGHT	DIMENSIONS	CURRENT DRAW	APPROVALS
295SLSA1	01-0770879-00	82235	3.0 lbs. (1361gm)	7.0" (179mm) x 6.0" (152mm) x 2.50" (64mm)	14VDC	-
295SLSE1	01-0884745-01A				28VDC	-

SA-340-STs

100W HELICOPTER SIREN

Weight: 8 lbs. (3629gm)
SA-340-STs is a 100 Watt RMS siren amplifier. High efficiency speakers for exterior mounting locations cover you with high impact sound at all levels. This speaker is round in nature and made of high strength aluminum. 2 year warranty on speaker drivers.



MODEL	PART#	DRAWING#	WEIGHT	DIMENSIONS	APPROVALS
SA340STS	01-0861413-00F	61413	8.0 lbs. (3629gm)	6.8" (173mm) x 5.62" (143mm) x 5.62" (143mm)	-

SA-340-TS

100 WATT HELICOPTER SIREN

Weight: 9 lbs. 3 oz. (4218gm)
SA-340-TS is a 100 watt RMS siren amplifier. High efficiency speakers for exterior mounting locations cover you with high impact sound at all levels. This speaker is rectangular in nature and made of high strength polycarbonate. 2 year warranty on speaker drivers.



MODEL	PART#	DRAWING#	WEIGHT	DIMENSIONS	APPROVALS
SAS340TS	01-0881013-00G	81013	9 lbs. 3 oz. (4218gm)	8" (203mm) x 7" (179mm) x 5.25" (133mm)	-



WHELEN AEROSPACE TECHNOLOGIES

