

Complete Orion™ Family

WHELEN® *Orion™ 360 Beacons* TRUSTED TO PERFORM™



**FAA/TSO
APPROVED**



Distributed by: Adams Aviation Supply Co Ltd | mail@adamsaviation.com | www.adamsaviation.com

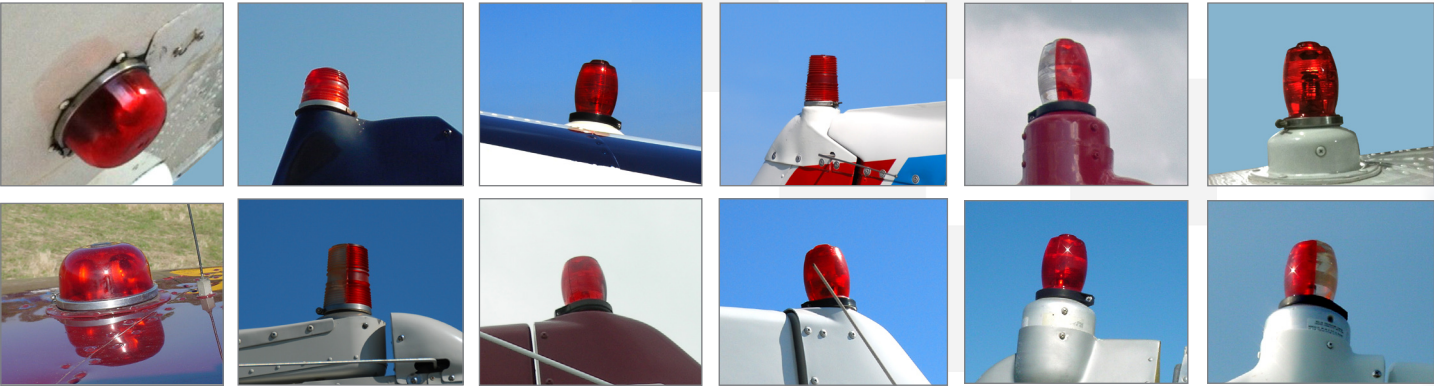
© 2018 Whelen Engineering Company, Inc.
reserves the right to change and upgrade products without notice.
Printed in the U.S.A. 12885G - 08/18



Replace old halogen or strobe beacons with Whelen's new Orion™ 360 Series!



Orion 360 is compatable with all 2.6” and 3.67” mounting configurations... What are your mounting needs?



Orion™ 360 Beacons: All models FAA TSO-C96a Class III Approved

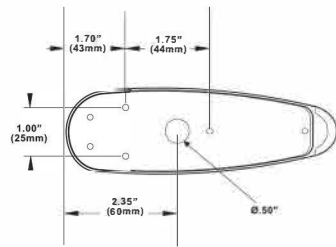


14 Volt Models	Models	Part #	Description	Base Dia.	VDC	Amps
	OR36R1N	01-0772010-50	Aviation Red, Upper	2.6” (66mm)	14	0.53 amps average, 2.8 amps peak
	OR36R1W	01-0772010-52	Aviation Red, Upper	3.67” (93mm)	14	0.53 amps average, 2.8 amps peak
	OR36S1N	01-0772010-70	Aviation Red/White, Upper	2.6” (66mm)	14	0.53 amps average, 2.8 amps peak
	OR36S1W	01-0772010-72	Aviation Red/White, Upper	3.67” (93mm)	14	0.53 amps average, 2.8 amps peak
28 Volt Models	Models	Part #	Description	Base Dia.	VDC	Amps
	OR36R2N	01-0772010-10	Aviation Red, Upper	2.6” (66mm)	28	0.26 amps average, 1.4 amps peak
	OR36R2W	01-0772010-12	Aviation Red, Upper	3.67” (93mm)	28	0.26 amps average, 1.4 amps peak
	OR36R2WL	01-0772010-13	Aviation Red, Lower	3.67” (93mm)	28	0.26 amps average, 1.4 amps peak
	OR36S2N	01-0772010-30	Aviation Red/White, Upper	2.6” (66mm)	28	0.26 amps average, 1.4 amps peak
	OR36S2W	01-0772010-32	Aviation Red/White, Upper	3.67” (93mm)	28	0.26 amps average, 1.4 amps peak
	OR36S2WL	01-0772010-33	Aviation Red/White, Lower	3.67” (93mm)	28	0.26 amps average, 1.4 amps peak
	OR36W2N	01-0772010-20	Aviation White, Upper	2.6” (66mm)	28	0.26 amps average, 1.4 amps peak
	OR36W2W	01-0772010-22	Aviation White, Upper	3.67” (93mm)	28	0.53 amps average, 2.8 amps peak
	OR36W2WL	01-0772010-23	Aviation White, Lower	3.67” (93mm)	28	0.26 amps average, 1.4 amps peak

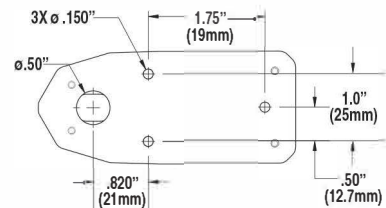
* Not appropriate for Rotorcraft/Helicopters

Distributed by: Adams Aviation Supply Co Ltd | mail@adamsaviation.com | www.adamsaviation.com

ORION™ 600

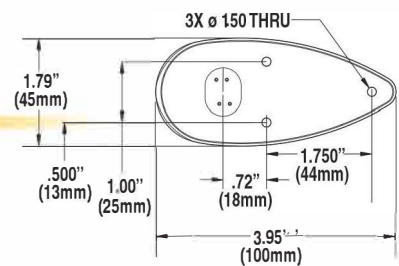


ORION 650E

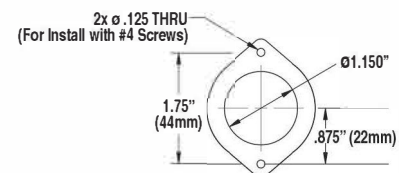


ORION 650

25413



ORION 500



Distributed By:

Adams Aviation Supply Co Ltd
Mercury House, Vulcan Way
New Addington, Croydon CR0 9UG
United Kingdom
T: +44 (0)1865 842999
M: mail@adamsaviation.com
www.adamsaviation.com



STC
APPROVED



WHELEN®
TRUSTED TO PERFORM™

Warranty, Service & Repair Station

United States

Whelen Engineering Company, Inc.
51 Winthrop Road
Chester, CT 06412-0684
Tel: 860-526-9504
Fax: 860-526-2009
www.whelen.com
aviation@whelen.com

Aviation Technical Support
Tim Loftus
860-526-9504 Ext. 2335
tloftus@whelen.com

Customer Service
860-526-9504 Ext. 6
custserv@whelen.com

Service & Repair Station

Canada

Wright Instruments Ltd.
2762 Slough Street
Mississauga, Ontario
Canada L4T 1G3
Tel: 905-677-7167
Fax: 905-677-2188

Overseas

AAR Allen Group International
Kruisweg 705
P.O. Box 52
Hooftdorp, Netherlands 2130 AB
Tel: 31-20-6552213
Fax: 31-20-6533991

Orion
Series

*Self contained LED position &
anti-collision lightheads*

WHELEN®
TRUSTED TO PERFORM™

ORION™ Series Lightheads

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



ORION 600

Drawing#: 71733 **Weight:** 0.5 lbs. (227gm)
Current Draw: 0.48 / 0.17 Amps Position 1.0 / 0.5 Amps Avg. ACL
Position LED Color: Aviation Red, Aviation Green, Aviation White
Anti-Collision LED Color: Aviation White
Lens: Clear polycarbonate hardcoat, field replaceable.

Model #	Part #	Description	Approvals
OR6001G	01-0771733-01	Wingtip PTA Green, 12 VDC	TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II & III
OR6001R	01-0771733-02	Wingtip PTA Red, 12 VDC	TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I & III
OR6002G	01-0771733-11	Wingtip PTA Green, 28 VDC	TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II & III
OR6002R	01-0771733-12	Wingtip PTA Red, 28 VDC	TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I & III

ORION 650E

Drawing#: 90701 **Weight:** 0.26 lbs. (118gm)
Current Draw: 0.3 / 0.15 Amps Position 0.7 / 0.35 Amps Avg. ACL
Position LED Color: Aviation Red, Aviation Green, Aviation White
Anti-Collision LED Color: Aviation White
Lens: -

Model #	Part #	Description	Approvals
OR6501GE	01-0790701-01	Embedded PTA Green, 12 V	STC / TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II & III
OR6501RE	01-0790701-02	Embedded PTA Red, 12 V	STC / TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I & III
OR6502GE	01-0790701-11	Embedded PTA Green, 28 V	STC / TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type II & III
OR6502RE	01-0790701-12	Embedded PTA Red, 28 V	STC / TSO/ETSO-C96a Class II / TSO/ETSO-C30c Type I & III

ORION 650

Drawing#: 90725 **Weight:** 0.3 lbs. (136gm)
Current Draw: 0.2 / 0.17 Amps Position 0.56 / 0.24 Amps Avg. ACL
Position LED Color: Aviation Red, Aviation Green
Anti-Collision LED Color: Aviation White
Lens: Clear polycarbonate hardcoat, field replaceable.

Model #	Part #	Description	Approvals
OR6501G	01-0790725-01	Wingtip PTA Green, 14 V	STC / TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type II
OR6501R	01-0790725-02	Wingtip PTA Red, 14 V	STC / TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type I
OR6502G	01-0790725-11	Wingtip PTA Green, 28 V	STC / TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type II
OR6502R	01-0790725-12	Wingtip PTA Red, 28 V	STC / TSO/ETSO-C96a Class III / TSO/ETSO-C30c Type I

ORION 500

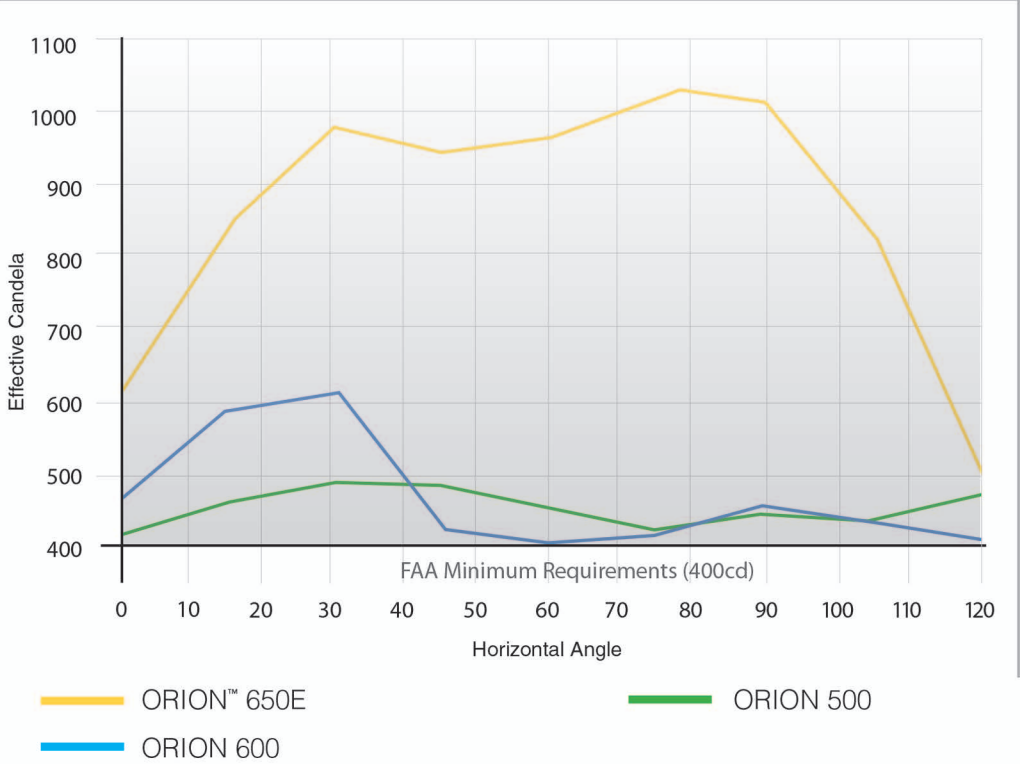
Drawing#: 71774 **Weight:** 0.29 lbs. (132gm)
Current Draw: 0.2 / 0.1 Amps Position 0.72 / 0.36 Amps Avg. ACL
Position LED Color: Aviation White
Anti-Collision LED Color: Aviation White
Lens: Clear polycarbonate hardcoat, field replaceable.

Model #	Part #	Description	Approvals
OR5001V	01-0771774V01	Tail PTA Light White, 12 V	STC / TSO/ETSO-C96a Class II & III / TSO/ETSO-C30c Type III
OR5002V	01-0771774V02	Tail PTA Light White, 28 V	STC / TSO/ETSO-C96a Class II & III / TSO/ETSO-C30c Type III

FAR SPEC

A Technical Standard Order (TSO) is a minimum performance standard and does not equal compliance with the applicable Federal Aviation Regulations. In fact other manufacturers produce TSO approved items with operational characteristics that contradict the FARs. Whelen designs products as FAR-SPEC, Federal Aviation Regulations – Specified Lighting. FAR-SPEC is compliant with all applicable FAR's making your installation legal. * Installers must follow the approved guidance for installation of the product to be FAR-SPEC compliant

LED Anti-Collision Performance Outputs



Distributed by:-
Adams Aviation Supply Co Ltd
mail@adamsaviation.com