

WIND CONES

WC806

LED & Incandescent Supplemental Wind Cone

FRANGIBLE



Compliance with Standards

FAA: L-806 and L-806(L) AC 150/5345-27 (Current Edition) and the FAA Engineering Brief No. 67. ETL Certified.

Uses

FAA L-806, L-806(L)

Provides visual surface wind direction and velocity information to pilots in flight or on the ground at airports and heliports

Features

- Available externally lighted, internally lighted, or unlighted
- LED or halogen lamps
- The LED models feature:
 - 50,000 to 100,000 hour lamp life, virtually maintenance free
 - Multiple lamp circuits for improved reliability
 - 80-90% less power consumption than halogen lamps
 - A long-life LED obstruction light
 - Integral power adapter on series circuit models
- An incandescent L-810 obstruction light is included on halogen-lighted models
- Size 1 (18" diameter x 8' long) wind sock
- 1.9 inch diameter steel pole with frangible coupling at base
- One piece welded aluminum basket with pre-installed bearings
- Raincaps protect the bearings from weather
- May be mounted directly to an L-867 light base, 2 inch NPT baseplate (sold separately)
- The nylon sock is treated for rot, mildew, and water repellency
- Powder coat painted international orange
- Made in the USA and ETL Certified by Hali-Brite, Inc., Crosby, MN.

FAA Wind Cone Classifications

Size 1:	8 foot
Style I-A:	Externally Lighted
Style I-B:	Internally Lighted
Style II:	Unlighted



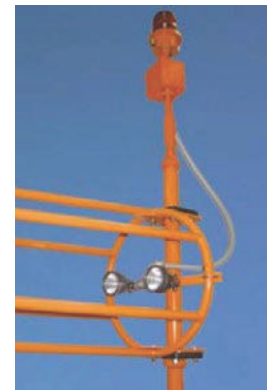
External LED Light



Internal LED Light



External Halogen Light



Internal Halogen Light

L-806 Windcone Types

Operation

The operation of the wind cone is entirely dependent on the direction and relative velocity of the surface wind. Movement of the wind through the open throat of the cage and into the sock causes the tail to inflate. The tail of the inflated sock indicates true wind direction for velocities as low as three knots through a 360° circle about the vertical shaft.

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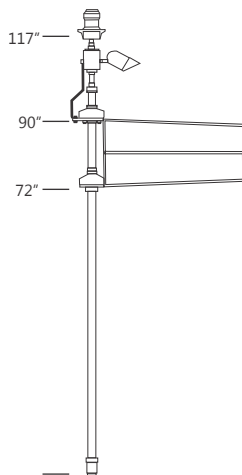
WC806

Wind Cone Selection Chart

Product Number	FAA Size	FAA Style	Power Source	Lamp Type	Fixture VA ^{1, 2}	Fixture Watts ^{1, 2}	Weight (lb)	Replacement Lamp
L806-S1-UN-NON-ON-N	1	II Unlighted	None	None	0	0	45	None
L806-S1-EX-120-ON-5	1	I-A External	108-132 VAC	LED	15	14	58	9200-0032
L806-S1-EX-230-ON-5 ³	1	I-A External	207-253 VAC	LED	15	14	58	9200-0044
L806-S1-EX-66A-ON-5 ⁴	1	I-A External	2.8-6.6 AMP	LED	28	26	57	9200-0034
L806-S1-IN-120-ON-5	1	I-B Internal	108-132 VAC	LED	32	19	59	9200-0038
L806-S1-EX-120-ON-N	1	I-A External	108-132 VAC	Halogen	191	191	55	3400-0122
L806-S1-IN-120-ON-N ³	1	I-B Internal	108-132 VAC	Halogen	316	316	57	3400-0100Regent
L806-S1-EX-12-ON-5	1	I-A External	11.5-13 VDC	LED	6	6	57	9200-0033
L806-S1-IN-12-ON-5 ³	1	I-B Internal	11.5-13 VDC	LED	6	6	57	9200-0041
L806-S1-IN-66A-ON-5 ⁴	1	I-B Internal	2.8-6.6 AMP	LED	41	37	57	9200-0039
L806-S1-IN-230-ON-5	1	I-B Internal	194-265 VAC	LED	40	21	59	9200-0045

Notes

- ¹ Power consumption specifications include the L-810 obstruction light
- ² Isolation transformer VA loss not included
- ³ This FAA Style is not ETL certified
- ⁴ Requires 100 watt L-830 transformer, sold separately



Windcone Dimensions

www.adbsafegate.com

Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.