

iSeries Permanent Lighted Wind Cone

With over 50 years experience in the design, manufacture and delivery of industrial strength wind cones, the iSeries Lighted Wind Cone is the most proven and most installed off grid solution in the market. Operating on all continents in the most demanding environments, industry's toughest clients rely on the iSeries Lighted Wind Cones for civil and defense operations. Backed by the longest warranty in the industry, Aviation Renewables provides both standard and custom designed unlit wind cone solutions for airports, runways, helipads, manufacturing facilities, industrial zones and weather stations.

The iSeries Lighted Wind Cone is available in various sizes, all of which include an intelligently engineered aluminum tilt-pole with a patented aluminum swivel system, designed to facilitate easy installation and servicing by a single person with electrical infrastructure requirements.



SPECS

iSeries Permanent Lighted LED Wind Cone

FEATURE BENEFITS

INCREASE SAFETY & VISIBILITY

The iSeries Lighted Wind Cone provides pilots with day time wind direction through a highly durable, UV resistant, lightweight and colourfast windsock fabric.

REDUCE COSTS

Installation is quick, easy and low cost compared to detached systems, is dramatically less expensive compared to competitors.

REDUCE MAINTENANCE

With external power, low costs and no risk of rusting, industry's most installed aluminum windsock eliminates high annual maintenance costs.

FEATURING

All aluminum construction with stainless steel hardware. Patented fully sealed swivel complete with high quality bearings. Vivid internally lit fixture providing precisely directed illumination. Tilt mechanism for easy installation with one or two people.

SPECIFICATIONS

COMPLIANCE

Surface Wind Cone	ICAO Annex 14, Vol 2, 5.1.1.
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OPTICAL

Obstruction Light	3 Options: No Light, Visible FAA L810 (ICAO LIOL), Visible L810 with IR
Sock Lighting	12W cool white LED floodlight luminaire
Output	580 lumens at source
Configuration	Internally lit, adjustable LED intensity
Operation Profile	Dusk to dawn or Radio Control
LED Life Expectancy	Up to 60,000 hours

MECHANICAL

Configuration	Aluminum tilt pole
Overall Height	18'9" or custom size in 1' increments from 8'
Tilt Mechanism	Counterbalanced tilt at 4'6"
Swivel	Patented maintenance free sealed aluminum swivel
Mounting	Aluminum base plate with 4-bolt pattern for concrete mount. 3/4 hot dipped galvanized anchor bolts
Frangibility	Optional fused bolt mounting system
Sock Dimensions	36" x 12' custom (opening diameter x length)
Fabric	Polyethylene coated colorfast 4.5oz nylon Orange/White, Solid Orange or custom
Frame Material	All Aluminum

ELECTRICAL

Configuration	Electrical system or generator
Voltage	95-264VAC
Current	2.8-6.6A with CCR (Constant Current Regulator)

WARRANTY

Warranty	3 year warranty. Excludes battery and fabric
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