

solarseries
INTERNALLY LIGHTED WINDSOCK



With over 50 years experience, P. Wedge internally lit windsocks boast unmatched reliability, operating on all continents in some of the most severe environments for the most demanding aviation clients in the industry.

The Solar Series windsock is available in various sizes, all of which include an intelligently engineered aluminum tilt-pole that is designed to facilitate easy installation and servicing with no electrical infrastructure. The portable tripod option is designed primarily for portable or emergency circumstances; it is of the same high-quality all aluminum construction as the tilt pole and can be set up quickly.

✦ Increase safety

Internally lighted windsocks are more visible for pilots than externally lighted. The Solar Series windsock is made with a durable but lightweight colourfast fabric that is available in solid yellow, solid international orange, or five band orange and white.

✦ Reduce maintenance

Solar powered means no external power and zero energy costs. Internal LED lighting is up to 10 times more energy efficient than external incandescent windsock lighting. Long life LED luminare with patented maintenance free swivel reduce airfield down time and labor hours.

✦ Reduce costs

Being 100% solar powered, installation is dramatically less expensive without the need for trenching, cabling, or electrical services. No power requirements mean no reliance on grid or generator power.

✦ Featuring:

All aluminum construction with stainless steel hardware.

Patented swivel complete with high quality bearings.

Vivid internally lit fixture providing precisely directed illumination.

Tilt mechanism for easy safe servicing by one person.

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SPECIFICATIONS

Optical

Light Source	12W cool white LED floodlight luminare
Output	580 lumens at source
Configuration	internally lit, adjustable LED intensity
Operating profile	dusk to dawn
LED Life Expectancy	up to 60,000 hours

Mechanical

Configuration	aluminum tilt pole or portable tripod mount
Overall Height	18' 9" (10' 7" portable) or custom size
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
Obstruction lighting	optional mounting plate for AV70 obstruction light
Sock dimensions (opening diameter x length)	36" x 12' 24" x 8' 18" x 8'
Fabric	polyethylene coated 4.5oz nylon. orange/white or orange

Electrical

Configuration	integrated DC solar charging system
Solar module	80 watt monocrystalline panel
Battery	100 Ahr AGM sealed battery approved for air transport
Charge controller	sealed precision micro controller with push to test button
Autonomy	5 days

Certifications

ICAO annex 14 - 5.1.1.3 compliant

Warranty

2 year aluminum frame
5 year solar module
1 year lead acid battery

