

Solar Series FAA L807 LED Wind Cone

COMPLIES WITH FAA L807 AC 150/5345-27 (CURRENT EDITION)

The Solar Series FAA L807 Wind Cone pairs an LED wind cone with industry's most efficient and proven solar power system. The wind cone is designed for 24/7 operations with optional RF control for the LED luminaire and the L810 obstruction light. The wind cone may be either internally lit or externally lit, depending on customer preference. The L807 Wind Cone is center-hinged for easy servicing.

Without the need for electrical power, the Solar Series FAA L807 Wind Cone saves money during both installation and operation. Providing a clear indication or wind direction is one of the most important pieces of information for pilots on approach. The Solar Series Wind Cones provide this information conveniently and cost effectively while increasing safety, reducing cost and minimizing the environmental footprint for airports, heliports and industrial locations.



SPECS

Solar Series
FAA L807
LED Wind Cone

FEATURE BENEFITS

INCREASE SAFETY & VISIBILITY

Internally lighted windsocks are more visible for pilots than externally lighted. The Solar Series wind socks are made with a durable but lightweight colourfast fabric.

REDUCE COSTS

Being 100% solar powered and self-contained, installation is dramatically less expensive compared to conventional systems that require trenching, cabling or electrical services. No power requirements: no reliance on grid or generator power.

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.

FEATURING

Powder Coated steel structure with stainless steel hardware. Fully sealed swivel complete with high quality bearings. Vivid internally lit fixture providing precisely directed illumination. Tilt mechanism for easy installation with two people.

SPECIFICATIONS

COMPLIANCE

FAA L807 Wind Cone	FAA L807 AC 150/5345-27 (Current Edition)
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OPTICAL

Obstruction Light	L810
Colours	Cool White LED Luminaire for Wind Cone Red Obstruction Light
Configuration	Internally Lit / Externally Lit
Operation Profile	Dusk to Dawn or Radio Control

MECHANICAL

Overall Height	264" for L807
Solar Power System Housing	Powder Coated Steel
Housing Colours	International Orange
Mounting	Concrete Mounting Template Provided for L807
Fabric	High Strength Nylon
Frame Material	Powder Coated Steel

ELECTRICAL

Configuration	Integrated DC solar charging system
Solar Module	100 or 200 Watts
Battery	Maintenance Free, AGM, Sealed Lead Acid, 100-300 Ahr
Solar Controller	Integrated Photocell Low-Voltage Disconnect
Autonomy	5 days or greater, depending on location
RF Controller	Optional Radio Frequency Controller for on/off control

ELECTRICAL

Operating Temperature	-45° to +55°C (-49° to 131°F)
Weather Protection	Enclosure is IP55 (Salt spray - MIL-STD 202G)



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