

solarseries™

Complies with ICAO Annex 14 5.3.27



The Solar Series Hold Position Light is designed for permanent, temporary or portable operations. The unit can be configured with an integrated solar engine or a remotely installed solar engine with installation up to 3 metres from the light housing.



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FEATURES & BENEFITS

Permanent, temporary or portable operations.

Configurable Solar engine allows for self contained or detached installation.

Available in Standard Model or Northern Model for higher latitudes or demanding solar conditions.

Compliance

The Solar Series Hold Position Light meets ICAO Annex 14 5.3.27.

Proven Reliability

Reliable, low cost LED warning system for aircraft and vehicles moving throughout the airfield during day and night operations.

Rugged self-contained solar engine requires little to no maintenance with replaceable 5-7 year batteries.

Full Control

Available with an optional Radio Frequency Controller. This enables the system to be controlled wirelessly from an Air Traffic Control Tower.

**SPECIFICATIONS****Optical**

Configuration	24/7 Hold Position Lights
Output	Visible
Visible LED Light	Amber or Red
Peak luminous intensity	12" Amber Lens: 678 candela 8" Amber Lens: 267 candela

Mechanical

Mounting	Round Pole 3.5", 4.5" Mid-pole side mount
Chassis and solar engine	6061-T6 powder coated aluminum
Signal housing	Polycarbonate
Housing Color	Yellow, green or black
Weight	49–55 lbs. (22–25 kg) approx.

Electrical

Battery	Storage AGM 12V, 20Ah. Sealed Lead acid Mil spec batteries
Solar Panel	20W nominal, 12V, CSA certified (panel size 21" x 13") Solar cells sealed in waterproof Epoxy
Autonomy	14 days (without charging)
Alternate Power	AC / Solar hybrid available

Environmental

Operating Temperature	5° to +74°C (40° to +165°F)
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Warranty

5 year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)

Options

Available with remote operation capabilities using spread spectrum radio signal