

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

Designed for permanent, temporary or portable operations.

Configureable Solar engine allows for self contained or detached installation.

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

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.

Designed for continuous, 24-hour operation in any airfield environment.

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

**SPECIFICATIONS****Light Characteristics**

Peak luminous intensity: 12" Amber Lens: 678 candela
8" Amber Lens: 267 candela

Light output/distribution:

Meets Institute of Transportation Engineers 2005 specifications A2-25A2-25
Multiple flash patterns available A2-25A2-25
High brightness LEDs

Power Characteristics

Battery: Standard Model 50 Ah.
Northern Model 100 Ah.

Sealed Lead acid Mil spec batteries made by Hawker

Solar Panel:
Standard Model 18W (At 4V) (panel size 21" x 13")
Northern Model 27W (At 4V) (panel size 32" x 13")

Solar cells mounted on fibre substrate to eliminate expansion effects of high temperature environment
Sealed in waterproof Epoxy

Autonomy: Tested to 120 days autonomy

Options

Available with remote operation capabilities using spread spectrum radio signal with range of 1/2 mile, or with cell phone connection.