

# ALS

## Airfield Lighting System - **SNC EAGLE**

Sierra Nevada Corporation's Elevated Airfield Ground Lights (SNC EAGLE) are rapid deployment medium intensity (MIRL) hybrid solar runway lights for VFR and non-precision IFR lighting requirements. SNC EAGLE runway lights operate autonomously or as part of a complete portable hybrid solar airfield lighting system that includes auxiliary power, pilot control and a master control unit with extensive diagnostic and fault detection capabilities.



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### Value Proposition

- Rapid deployment - Light an airstrip in less than an hour
- NVG compatibility - All lights are designed for visible and/or NVG operations
- Encrypted RF Control - Secure control of all lights from a tower or mobile command center
- Redundant Power & Control - Ensure uninterrupted operation with no single point of failure
- Flight Safety - Meet FAA intensity, beam pattern and chromaticity requirements



### Models

- **EAGLE W (01301001-01)** - White omni-directional runway edge light (L-861)
- **EAGLE WY (01301001-05)** - White/yellow bi-directional solar runway edge light (L-861)
- **EAGLE RG (01301001-09)** - Red/Green bi-directional runway threshold light (L-861E)



### Features

- Integral, replaceable solar panels provide sustained autonomous L861 intensity operation
- NVG mode - illumination invisible to the naked eye to support covert operations
- Meets all applicable FAA AC 150/5345-46D Type L-861 and L-861E requirements including electrical, environmental and photometrics
- ICAO Annex 14 compliant
- Worldwide 2.4 GHz encrypted RF control - secure control of all operational modes from anywhere on the airfield
- Integrated mesh network – each light is a transceiver/repeater enabling unlimited communication range
- Environmental - IP68 Ingress Protection, -40°C to 55°C temperature range, MIL-STD-202G shock & vib, CE certified
- Modes of Operation – Programmable lighting groups, dusk to dawn operation, adjustable intensity and sequence flashing
- Field Replaceable Components – light head, battery, solar panels
- Optional Equipment
  - detached auxiliary solar panel triples solar replenishment rate
  - auxiliary charging systems uses worldwide power or generators to accommodate 24/7 usage under unfavorable or non-existent solar conditions
  - L854 pilot control for visible and NVG operations modes

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