Solar LED Elevated Runway Guard Light

FAA & ICAO AV-ERGL

Features

- Energy Efficient LED Lights with an average life span of over 100,000 Hours
- Adjustable light beam elevation with positive locking in one-degree increments
- Low Maintenance with no special tools required
- High-Strength, powder coated frame with aluminium housing and stainless steel hardware
- 2-inch frangible coupling and tether with positive lock canting
- 300 MPH jet blast resistant
- Monitoring is available dry contact output

Applications

- LED Runway Guard Light is used to increase visibility at the hold position during severe weather conditions
- Traffic signals for airport service roads

Compliance

- Compliant to FAA AC 150/5345-46 (Current Edition) for L-804 applications -Engineering Brief No. 67
- Compliant to ICAO Annex 14, Volume 1, 2013 - Para 5.3.23 & Appendix 2 Figure A2-24, A2-25



The elevated LED Runway Guard Light is a unidirectional, yellow, alternately flashing fixture that provides a warning to pilots and vehicles that they are approaching an active runway. The solar ERGL installs in minutes with no trenching, cabling, or mains power required, and can be easily and quickly relocated.

The ERGL Provides 24-Hour unidirectional marking for runways and taxiway intersections with 45 – 50 alternating yellow flashes per minute at the hold position. The Elevated Runway Guard Light (ERGL) is typically installed in a pair, with one on either side of the taxiway



Angle of the solar panel can be adjusted to maximise solar collection

The two optical assemblies use energy efficient LEDs and the light beam elevation is adjustable in one degree increments. The integrated solar module and battery system offers considerable savings in power and installation costs. The solar module can be angled to maximise solar collection to charge the battery.

With the use of Solar and energy efficient High Intensity LEDs there is a significant reduction in maintenance costs, time and the added expenses associated with re-lamping. Avlite's LEDs have an expected life span of more than 100,000 hours.

Avlite systems strives to be environmentally responsible by providing clean, green, renewable energy sources with a minimal environmental footprint.







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holding position.

w: www.avlite.com e: info@avlite.com



Solar LED Elevated Runway Guard Light

FAA & ICAO AV-ERGL

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