




The **AV-ERGL** is a unidirectional, alternately flashing fixture that provides a warning to pilots and vehicles that they are approaching an active runway. FAA and ICAO compliant


### Key Features:

- Adjustable light beam elevation with positive locking in one-degree increments
- 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

Optional



Light Intensity



RF Control



### Adjustable light beam elevation with positive locking in one-degree increments

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 two optical assemblies use energy efficient LEDs and the light beam elevation is adjustable in one degree increments.

The Elevated Runway Guard Light (ERGL) is typically installed in a pair, with one on either side of the taxiway holding position.

### AV-ERGL Applications

The ERGL has unique applications including:

- Increase visibility at the hold position during severe weather conditions
- Traffic signals for airport service roads

### FAA and ICAO Compliant

The AV-ERGL is FAA AC 150/5345-46 (Current Edition) for L-804 applications and ICAO Annex 14, Volume 1.





AV-ERGL

Low Intensity

High Intensity

**Light Characteristics**

Light Source	LED	
Available Colours	Desert Tan, Yellow, other colors available on request	
Peak Intensity (cd)	300cd daytime, 30cd night	3000cd daytime, 300cd night
Intensity Adjustments	Configurable based on application. Standard two step.	
LED Life Expectancy (hours)	> 100,000	

**Electrical Characteristics**

Circuit Protection	Integrated	
Operating Voltage	24	
Temperature Range	-40 to 55°C	

**Solar Characteristics**

Solar Module Type	Multicrystalline	
Output (Watts)	85	170

**Power Supply**

Battery Type	SLA (Sealed Lead Acid)	
Battery Capacity (Ah)	110	220
Nominal Voltage (V)	24	

**Physical Characteristics**

Body Material	High-Strength, powder coated frame and aluminum housing	
Hardware Material	Stainless steel	
Mounting	Light head: FAA compliant 2-inch frangible coupling with tether and baseplate with 6 hole bolt pattern Power supply: Fuse Bolts certified to FAA AC 150/5220-23	
Height (mm/inches)	625 / 24.5	
Length (mm/inches)	2032 / 80	
Length (mm/inches)	1321 / 52 Note: Dimensions based on single solar sled	2642 / 104 Note: Dimensions based on dual solar sled
Service Life	Up to 12 years	

**Compliance**

CE	EN61000-6-4:2012, EN61000-6-2:2019	
Quality Assurance	ISO 9001:2015	
ICAO	ICAO Annex 14, Volume 1, 2013 - Para 5.3.23 & Appendix 2 Figure A2-24, A2-25 Compliant	
FAA	L-804 AC 150/5345-46 (Current Edition) - Engineering Brief No. 67 Compliant	

**Other**

Warranty *	1 year	
Options Available	Radio Control Monitoring	
Terms and Conditions	Please refer to the light installation manual for further specifications.  Warranty Terms and Conditions - <a href="http://www.avlite.com">www.avlite.com</a>	

**Ordering This Product**

AV-ERGL-24-[X]-[XX]



- 1 Product Number
- 2 Color Option  
R Red  
Y Yellow
- 3 Intensity Configuration  
HI High Intensity  
LO Low Intensity

