

Solar Series Hold Position Light

COMPLIES WITH ICAO ANNEX 14 ERGL LOW INTENSITY FIGURE A2-24
& HOLD POSITION LIGHT SECTION 5.3.27



The Solar Series Hold Position Light (HPL) is a self-contained, self-charging, power free, cost efficient solution, used to prevent unnecessary taxiway and runway incursions. Designed for permanent, temporary or portable operations, the Solar Series HPL offers a quick and effective solution to airfields, requiring minimal installation and maintenance. The super-efficient LED signal heads enable the use of small solar engines to power the system 24/7. With no need for trenching, cabling or electrical inputs, the Solar Series Hold Position Light presents a cost-effective way to quickly increase over-all airfield safety.



The Solar Series HPL fixture is compliant with ICAO Annex 14, Figure A2-24, Hold Position Light Section 5.3.28. Our team of solar power experts custom design every system to ensure the highest standard of reliability and safety in any location, worldwide. As with all Solar Series products, the optional radio frequency controller module enables complete control of the Solar Series HPL's from the ground, air or control tower, designed for a specific location to ensure years of trouble-free and solar powered service.

SPECS

Solar Series Hold Position Light

FEATURE BENEFITS

INCREASE SAFETY

The ultra-efficient LED light source adds conspicuity to holding points, enhancing runway safety by reducing the risk of inadvertent runway incursions.

DECREASE COSTS

With zero electricity costs, simple installation and almost no maintenance, the Solar Series Hold Position Light quickly realizes long-term cost savings.

COMPLIANCE

The Solar Series Hold Position Light meets both L-804 and Annex 14 A2-25 photometrics.

EXPERIENCE = RELIABILITY

With over 25 years experience in designing solar power systems, our solar experts will ensure a system that operates reliably, regardless of the installation location.

FULL CONTROL

Available with optional RF Controller. This enables the entire airfield lighting system to be controlled wirelessly from an Air Traffic Control Tower, Aircraft and Helicopter.



SPECIFICATIONS

OPTICAL

Compliance	ICAO Annex 14, Figure A2-24, Hold Position Light Section 5.3.28
Certification	CE, CSA, ETL
Configuration	Solar Powered Hold Position Light (HPL)
Output	Visible
Visible LED Light	Amber or Red
Peak Luminosity Intensity	8" Amber Lens: 518 candela 12" Amber Lens: 678 candela
LED Life Expectancy	Long Life - Up to 60,000 hours

MECHANICAL

Mounting	Mounting Frangible FAA/ICAO couplings Round Pole 3.5"
Chassis & Solar Engine	4.5" Mid-pole side mount 6061-T6 powder coated aluminum Solar Engine can top mounted (standard) or mounted separately to meet maximum height requirements
Signal Housing	Polycarbonate
Housing Color	Yellow, green or black
Weight	49-55 lbs. (22-25 kg) approx.

ELECTRICAL

Operating Voltage Solar Power Model	24VDC
Control Options	Self Contained Photocell for Dusk to Dawn Continuous Operation with variable intensity Radio Frequency Controller Computer Control and Monitoring
Power Consumption Fig. A2-25 compliance Fig. A2-24 compliance	28 Watts 5.5 Watts
Certification HPL Unit Solar Power System	ETL Certification: L-804 UL listed components, FM Class I Div II

ENVIRONMENTAL

Operating Temperature	-40°C to +55°C
Wind Load	300 mph

WARRANTY

Warranty	1 year
LED Life Expectancy	50,000 hours