Solar Runway Guard Light

AL-HP-RG-S

AL-HP-RG-S Solar Runway Guard Light is a self-sustaining, completely autonomous airfield lighting technology, designed for permanent, temporary or portable airfield operations. With its self-contained design, the Solar Powered system eliminates the need for conventional power inputs, expensive infrastructure and daily energy and maintenance costs, while increasing airfield safety 24 hours per day in the most challenging climates around the world.
The AL-HP-RG-S offers a quick and effective solution to airfields, in support of efforts to prevent unnecessary runway incursions and enhance over-all airfield safety. Runway Guard Light is an elevated unidirectional flashing yellow light fixture that provides a distinctive warning to pilots that they are approaching a runway holding position and are about to enter an active runway.

IP66

Compliance

- ICAO Annex 14 Volume I
- FAA AC 150/5345

Features

Electrical

- Significant reduction of maintenance costs and re-lamping expenses through long-lasting LED technology- more than 100,000 hours under actual operating conditions
- Very less power could meet the standard intensity request

Physical

- Fragile coupling avoid secondary damage
- Permanent installation for commercial, defense and remote airfields
- Temporary operation during construction, rerouting of taxiways or humanitarian aid
- Rugged, self-contained solar engine with replaceable batteries.

Optional

- Wireless remote operation capabilities
- Extra battery charger from 110-240vac

APPLICATION

Application

- Airport,
- Helipad taxiway
- Emergency operations
- Airport/Airdrome

Solar Runway Guard Light

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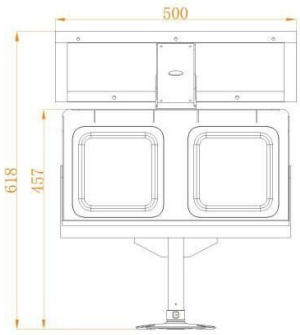
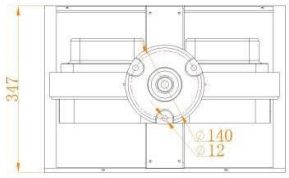
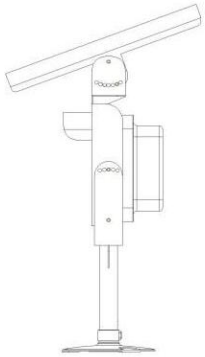
Dimension(mm)







SPECIFICATIONS	AL-HP-RG-S Solar Runway Guard Light
Light Characteristics	
Light Source	LED
Emitting Color	Yellow, Red/Green (others are optional)
Angle(°)	±30°
Working mode	Flashing 50fpm
Operation Mode	24hours, photocell is optional
LED Life Experience(hours)	>100,000
Electrical Characteristics	
Operating Voltage	12V
Power(W)	22
Solar Characteristics	
Solar Module Type	Mono crystalline Silicon,12V/40W
Charging Regulation	Microprocessor controlled
Battery Characteristics	
Battery type	Lithium ion battery
Nominal Voltage (V)	12V/20AH
Battery Service Life	Average 5 years
Autonomy	14 days (without charging)
Physical Characteristics	
Light Body Material	Aluminum alloy
Light Overall size(mm)	500×347×618
Installation size(mm)	Θ140×θ12
Weight(kg)	12.55
Product Life Expectancy	⩾10 years
Environmental Factors	
Ambient Temperature(℃)	-25~70
Humidity	10~900%
Wind Speed	80m/s
Waterproof	IP66
Optional	
	Wireless Remote Control
	Extral battery charger from 110-240vac

Optional: Wireless Remote Control

Optional: Extra battery charger

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