



LOW-INTENSITY

SOLAR STANDARD AIRFIELD LIGHTING SYSTEM



SOLAR STANDARD
LOW-INTENSITY AIRFIELD
LIGHTING SYSTEM



S4GA's Solar Standard Airfield Lighting System provides permanent low-intensity illumination for a wide range of airfields and operational scenarios. Functioning independently of power grid, the system supports seasonal, occasional, and emergency operations.

Solar Standard is primarily used at non-commercial and low-traffic airports, where runway lighting compliant with aviation standards is required.



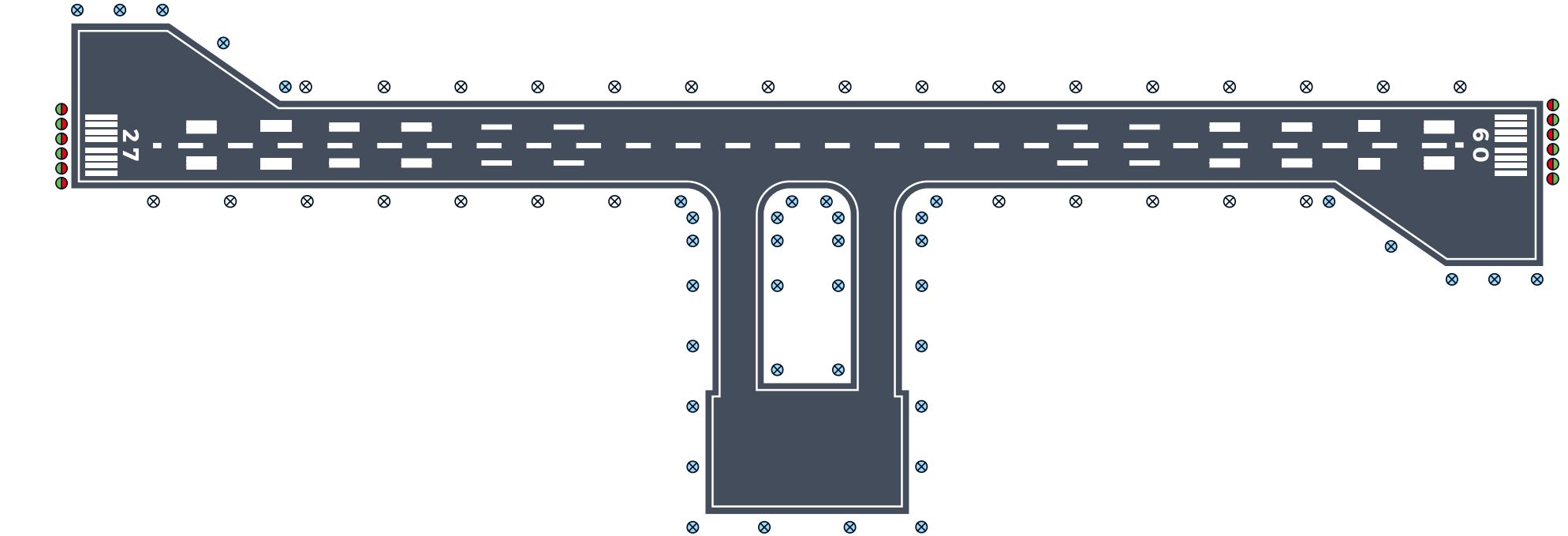
SIMPLE



RELIABLE



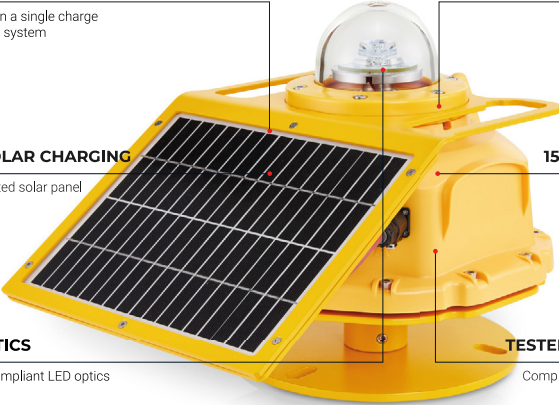
COMPLIANT



**HIGH AUTONOMY**
40+ hours on a single charge
Dual battery system

**FAST SOLAR CHARGING**
6 W integrated solar panel

**LED OPTICS**
ICAO-compliant LED optics



REMOTE RADIO CONTROL
Optional



15 YEARS LIFESPAN
Water- and Dustproof
UV-resistant

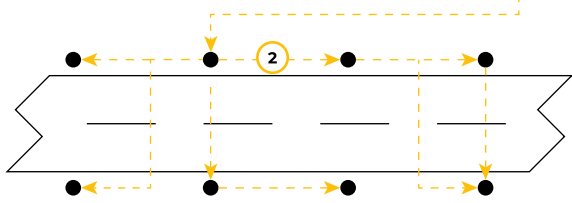


TESTED AND CERTIFIED
Compliant with civil and military aviation regulations



The S4GA SP-301SL low intensity solar airfield lights are designed for temporary or permanent use at airports of any type and size. They operate efficiently in all climate conditions and do not require a connection to the electrical infrastructure.



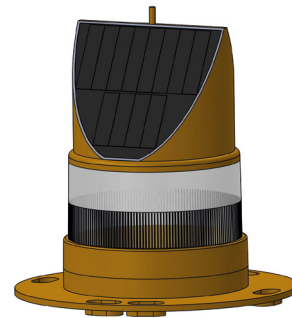
 SP-301SL SOLAR RUNWAY EDGE LIGHT Omnidirectional white 80 cd light output 40 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled	 SP-301SL SOLAR RUNWAY THRESHOLD END LIGHT Bidirectional red/green 50 (red) / 180 (green) cd light output 130 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled	 SP-301SL SOLAR TAXIWAY LIGHT Omnidirectional blue 2 cd light output 300 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled	 TAXIWAY RETROREFLECTIVE MARKER Weather resistant Jet blast resistant Frangible Maintenance-free	 UR-101 HANDHELD CONTROLLER Grouping of lights: up to 5 groups 3-step light intensity setup Dusk-till-dawn mode NVG mode (optional) Flashing mode (optional)	WIRELESS MESH NETWORK - Operating Range: >10 km (relayed) - Operating Frequency: 868 MHz (optionally: 2.4 GHz, 915 MHz) 
--	---	--	--	--	---

WHY IS S4GA BETTER?

S4GA SOLAR AIRFIELD LIGHT



OTHER SOLAR LIGHT



HIGH VISIBILITY

10+ km visibility range confirmed
NVG-compatible



LOW VISIBILITY

Hardly visible from far distance
10x less light output



HIGH LIGHT AUTONOMY

40+ hours of operations on a single charge
High-capacity battery included



LOW LIGHT AUTONOMY

3x smaller battery
Short operating time



FAST SOLAR CHARGING

6 W solar panel
Optimally tilted
Fast charge technology



SLOW SOLAR CHARGING

2.5x smaller solar panel
Non-optimal tilt



CERTIFIED AND TESTED

Compliant with ICAO, FAA, EASA, CASA
Compliant with military requirements



NON-COMPLIANT

Non-compliant with ICAO
No certification for runway lighting



DESIGNED FOR AIRPORTS

Certified for usage as runway lighting



DESIGNED FOR MARINE

Not suitable for airport use



Contact us

office@solutions4ga.com
www.solutions4ga.com
+48 22 270 10 29