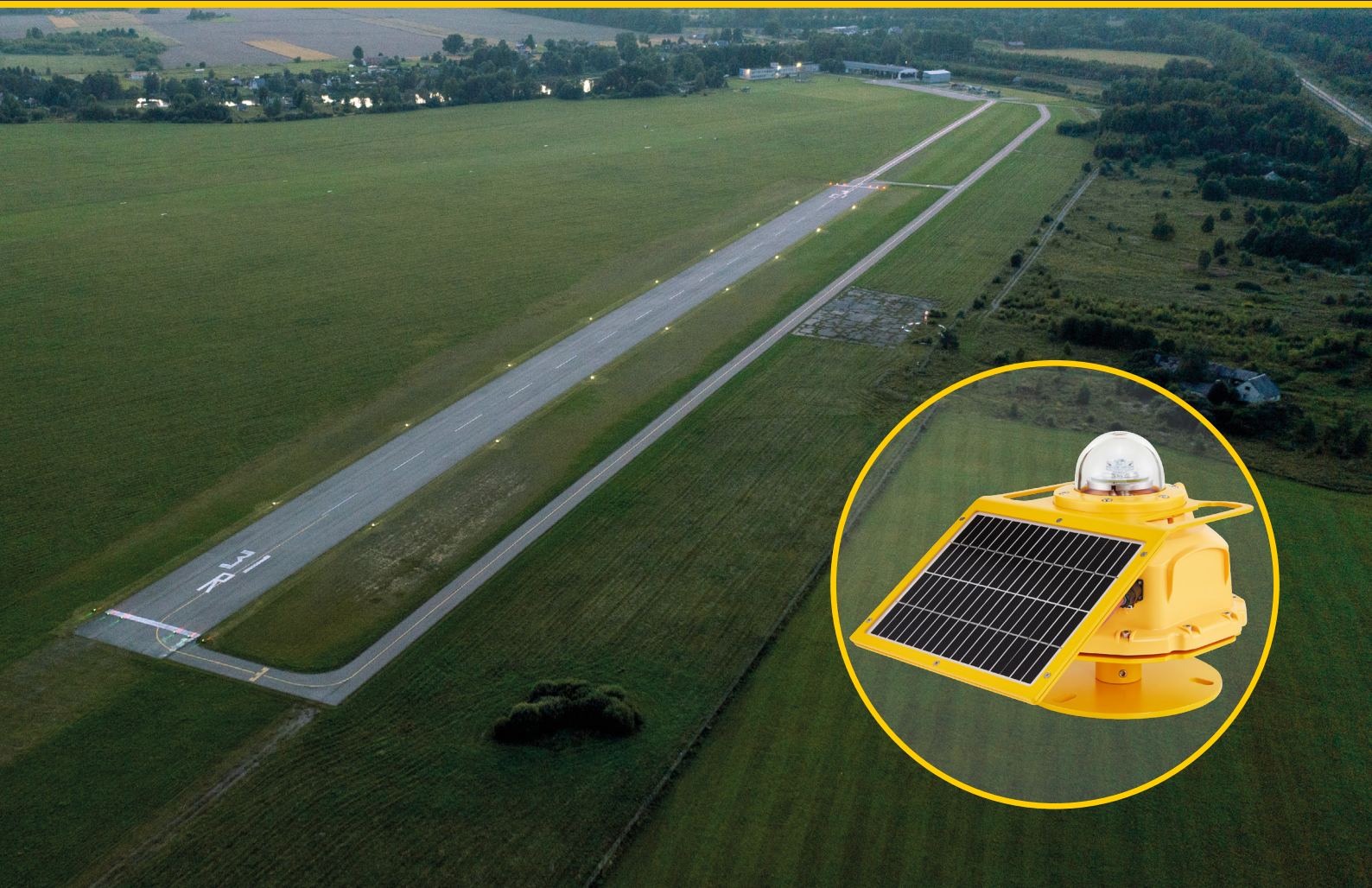




LOW-INTENSITY

# **SOLAR STANDARD** AIRFIELD LIGHTING SYSTEM



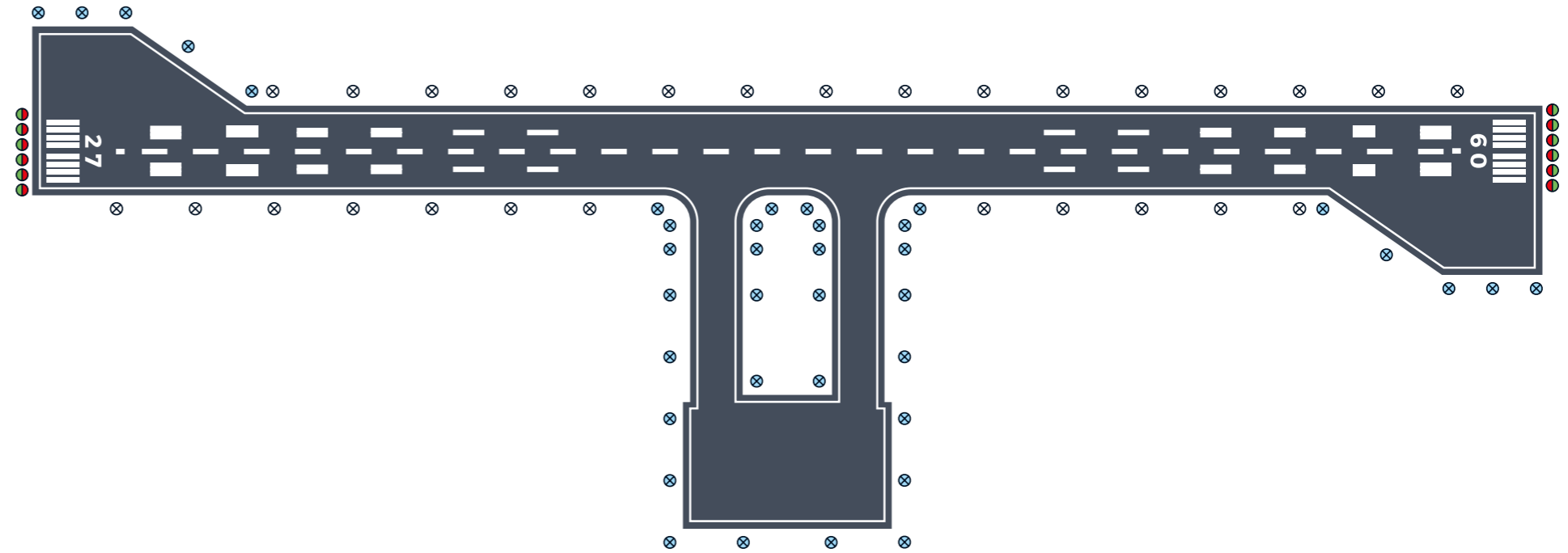
# SOLAR STANDARD




## 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**

### SP-301SL LOW-INTENSITY SOLAR AIRFIELD LIGHT

- HIGH AUTONOMY**  
85+ hours on a single charge  
Dual battery system
- FAST SOLAR CHARGING**  
5 W integrated solar panel
- LED OPTICS**  
ICAO-compliant LED optics
- REMOTE RADIO CONTROL**  
> 10 km operating range (relayed)
- 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.



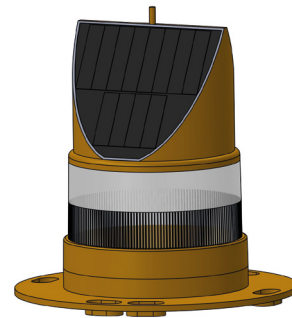
<p><b>SP-301SL SOLAR RUNWAY EDGE LIGHT</b></p>	<p><b>SP-301SL SOLAR RUNWAY THRESHOLD END LIGHT</b></p>	<p><b>SP-301S SOLAR TAXIWAY LIGHT</b></p>	<p><b>TAXIWAY RETROREFLECTIVE MARKER</b></p>	<p><b>UR-101 HANDHELD CONTROLLER</b></p>	<p><b>WIRELESS MESH NETWORK</b></p> <ul style="list-style-type: none"> <li>• Operating Range: &gt;10 km (relayed)</li> <li>• Operating Frequency: 868 MHz (optionally: 2.4 GHz, 915 MHz)</li> </ul>
<p>Omnidirectional white 77 cd light output 85 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled</p>	<p>Bidirectional red/green 180 (red) / 278 (green) cd light output 173 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled</p>	<p>Omnidirectional blue 6 cd light output 630 hrs autonomy (30% intensity) Dusk-till-dawn NVG-compatible Solar-powered Radio-controlled</p>	<p>Weather resistant Jet blast resistant Frangible Maintenance-free</p>	<p>Grouping of lights: up to 5 groups 3-step light intensity setup Dusk-till-dawn mode NVG mode (optional) Flashing mode (optional)</p>	











## WHY IS S4GA BETTER?

### S4GA SOLAR AIRFIELD LIGHT



### OTHER SOLAR LIGHT



	<p><b>HIGH VISIBILITY</b></p> <p>10+ km visibility range confirmed NVG-compatible</p>		<p><b>LOW VISIBILITY</b></p> <p>Hardly visible from far distance 10x less light output</p>
	<p><b>HIGH LIGHT AUTONOMY</b></p> <p>85 hours of operations on a single charge High-capacity battery included</p>		<p><b>LOW LIGHT AUTONOMY</b></p> <p>3x smaller battery Short operating time</p>
	<p><b>FAST SOLAR CHARGING</b></p> <p>5W solar panel Optimally tilted Fast charge technology</p>		<p><b>SLOW SOLAR CHARGING</b></p> <p>2.5x smaller solar panel Non-optimal tilt</p>
	<p><b>CERTIFIED AND TESTED</b></p> <p>Compliant with ICAO, FAA, EASA, CASA Compliant with military requirements</p>		<p><b>NON-COMPLIANT</b></p> <p>Non-compliant with ICAO No certification for runway lighting</p>
	<p><b>DESIGNED FOR AIRPORTS</b></p> <p>Certified for usage as runway lighting</p>		<p><b>DESIGNED FOR MARINE</b></p> <p>Not suitable for airport use</p>

