



# LOW INTENSITY SOLAR AIRFIELD LIGHTING



SP-102S SOLAR AIRFIELD LIGHT

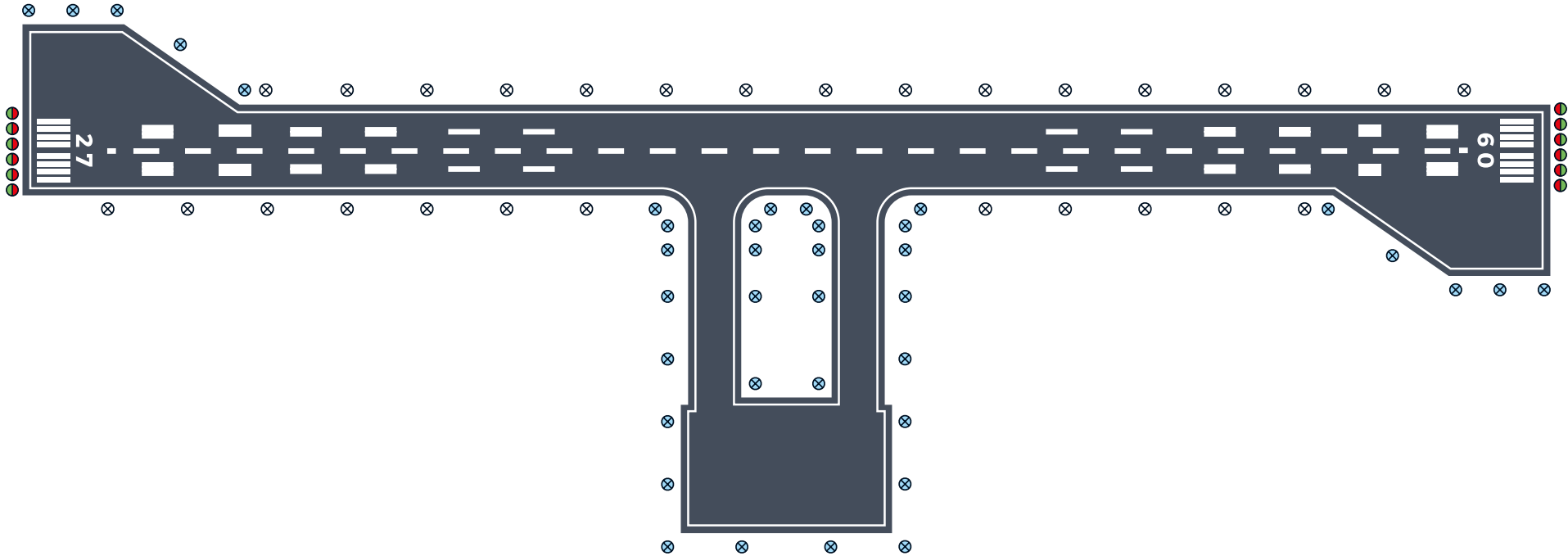
**COMPLIANCE**  
ICAO, FAA, EASA, CASA



For low-traffic airfields and general aviation aerodromes looking for a simple low-cost runway lighting, S4GA offers SP-102S Solar-Powered Airfield Light. It is designed to temporarily illuminate runway for occasional, seasonal and emergency flight operations



	<b>SIMPLE</b>	Out of the box product Self-contained Single push activation
	<b>RELIABLE</b>	High autonomy 20+ years lifespan Water- and dustproof (IP-67)
	<b>COMPLIANT</b>	Compliant with ICAO, FAA, EASA, CASA Certified for usage as runway lighting



**SP-102 AIRFIELD LIGHT**



**HIGH AUTONOMY**  
High-capacity battery  
90 hours of operations on a single charge




**FAST SOLAR CHARGING**  
5W integrated solar panel




**HIGH VISIBILITY**  
10+ km visibility range confirmed



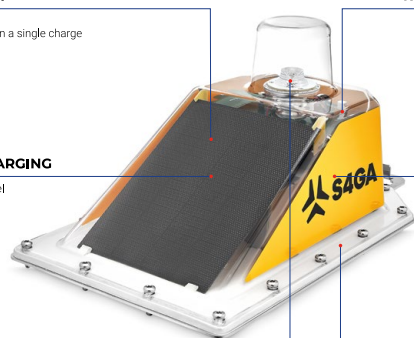
**REMOTE RADIO CONTROL**  
Optional




**20 YEARS LIFESPAN**  
Water- and Dustproof  
UV-resistant




**TESTED AND CERTIFIED**  
Compliant with civil and military aviation regulations



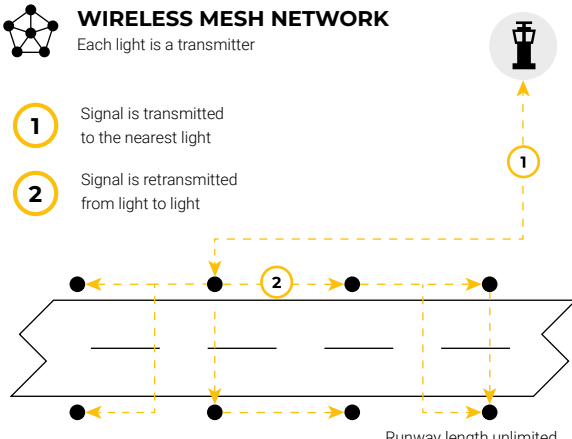
			
<b>SP-102S SOLAR RUNWAY EDGE LIGHT</b>	<b>SP-102S SOLAR RUNWAY THRESHOLD END LIGHT</b>	<b>SP-102S SOLAR TAXIWAY LIGHT</b>	<b>SP-102S SOLAR OBSTRUCTION LIGHT</b>
Low intensity Omnidirectional white 125 cd light output Dusk-till-dawn NVG-compatible Solar-powered Remote control (optional)	Low intensity Bidirectional red/green 320 (red) / 450 (green) cd light output Dusk-till-dawn NVG-compatible Solar-powered Remote control (optional)	Low intensity Omnidirectional blue 11 cd light output Dusk-till-dawn NVG-compatible Solar-powered Remote control (optional)	Low intensity Omnidirectional red 37 cd light output Dusk-till-dawn NVG-compatible Solar-powered Remote control (optional)

**REMOTE CONTROL (OPTIONAL)**



**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**  
Each light is a transmitter

1 Signal is transmitted to the nearest light  
2 Signal is retransmitted from light to light


Runway length unlimited

**OPERATING RANGE AND FREQUENCY**


Handheld Controller to the nearest light

Up to 1.5 km  
868 MHz, Mesh

**ACCESSORIES**



**FRANGIBLE MOUNTING**  
Galvanized steel (default)  
Stainless steel (optional)



**CHARGER**

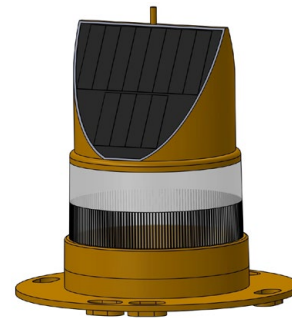


## WHY IS S4GA BETTER?

### 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

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



#### LOW LIGHT AUTONOMY

3x smaller battery  
Short operating time



#### FAST SOLAR CHARGING

5W solar panel  
Optimally tilted  
Fast charge technology



#### SLOW SOLAR CHARGING

2x 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