

MILITARY AIRFIELD LIGHTING SOLUTIONS

SOLAR AIRFIELD
LIGHTING

TACTICAL RUNWAY
LIGHTING

HELIPAD
LIGHTING



AIRFIELD LIGHTING SOLUTIONS

FOR MILITARY AIR BASES



COMPLIANCE:

NATO STANAG 3534, 7th Edition, Part A
UFC 3-535-01, Chapter 11

Airfield availability 24/7 is a must-have for a military air base. Peacekeeping and rescue missions, conflict operations, army training – all flight operations must be secured with reliable military equipment able to operate in the most extreme conditions. Airfield lighting ensures air base is available at anytime. That's why it's essential to choose a reliable technology that will work in a proper way and will not fail unexpectedly.



CERTIFIED



GOVERNMENT
-OWNED



COMPLIANT
WITH STANAG

S4GA offers tactical airfield lighting systems compliant with ICAO and FAA requirements. S4GA airfield lights can easily withstand difficult operating conditions such as high and low temperatures, high humidity, salty and sandy environment.

Today, S4GA products are used by military, police, air rescue, border guards all over the World.



FOR PERMANENT
APPLICATIONS



FOR TEMPORARY
RUNWAYS



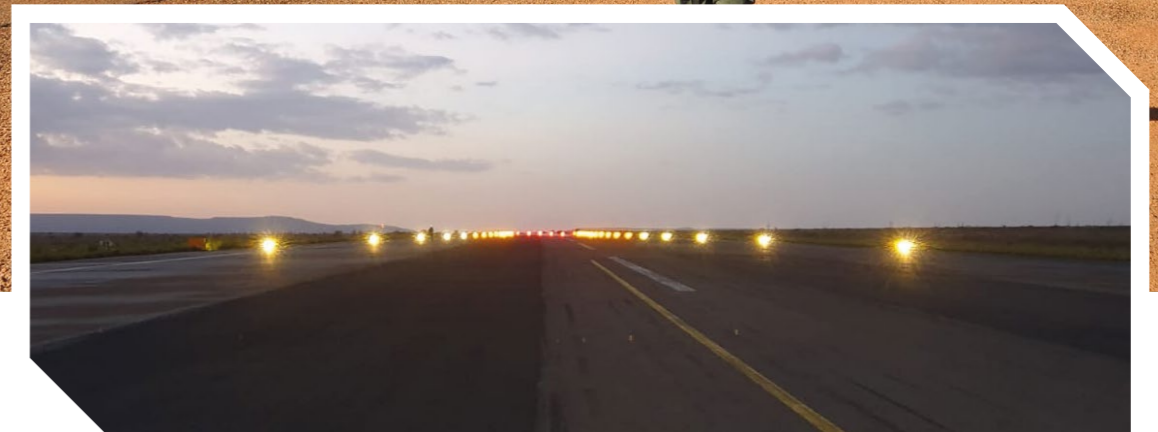
FOR HELIPAD
LANDING ZONES

FOR PERMANENT APPLICATIONS

COMPLETE SOLAR AIRFIELD GROUND LIGHTING

S4GA solar airfield ground lighting is the best solution for military air bases located in remote areas and looking for reliable certified permanent lighting systems. It operates 365 days on solar energy and has 5-level protection against system failure. Solar airfield lighting is easy to install and does not require external electrical supply to operate. Remote activation and self-diagnostics makes S4GA airfield lighting even more attractive for permanent applications.

S4GA solar lighting is successfully used today by military air forces in North and South Africa, South America, Asia, and Europe.



FEATURES

- Operates 365 days on solar energy
- 5-level protection against system failure
- NVG-compatible
- Remote activation and control
- Compliant with ICAO, FAA regulations

APPLICATIONS

- Military airport lighting
- Permanent runway and taxiway lighting

PRODUCTS



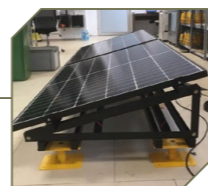
HIGH INTENSITY SP-401 SOLAR AIRFIELD LIGHT

- Types: approach, runway edge, threshold, runway end, taxiway light
- ICAO Annex 14 compliant
 - Wind resistant
 - IP-67 waterproof



MEDIUM INTENSITY SP-401 SOLAR AIRFIELD LIGHT

- Types: approach, runway edge, threshold, runway end, taxiway light
- ICAO Annex 14 compliant
 - Wind resistant
 - IP-67 waterproof



SOLAR ENGINE

- Applicable for PAPI, windsock and other airfield lighting equipment
- Includes solar panel and power bank



PRECISION APPROACH PATH INDICATOR

- Simple design
- Sharp color transition
- Controlled positioning
- User-replaceable optics elements



UR-101 HANDHELD CONTROLLER

- Remote activation and control of airfield lights
 - Wireless mesh type network
 - Up to 1.500 m operating range



ALCMS AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM

- Remote activation of airfield lighting
- Automatic failure alarm via SMS
- Remote system diagnostics



SOLAR WIND DIRECTION INDICATOR

- Illuminated, solar-powered
- Weather resistant
- Compliant with ICAO

FOR TEMPORARY RUNWAYS

AIRFIELD LIGHTING TRAILER

S4GA Airfield Lighting Trailer is a heavy duty trailer designed to illuminate 2.500 m runway according to ICAO standards. It is applicable for all types of runways. It is made of non-corrosive steel and aluminum resistant to extreme weather conditions. The Trailer accommodates a complete set of remotely activated airfield lights and mobile full PAPI system powered by diesel generators. Contactless charging and automatic light failure reporting are available in S4GA Trailer.

FEATURES

- Accommodates up to 132 x portable lights
- Mobile full PAPI
- Power bank with diesel generator
- Remote activation of the lights
- Contactless charging
- Automatic light failure reporting

APPLICATIONS

- Airfield lighting for military air bases
- Temporary runway and taxiway lighting
- Portable military runway lighting
- Emergency military runway lighting



UP TO 132X PORTABLE LIGHTS



MOBILE FULL PAPI



POWER BANK WITH DIESEL GENERATOR



REMOTE ACTIVATION OF THE LIGHTS



CONTACTLESS CHARGING



AUTOMATIC LIGHT FAILURE REPORTING



FOR HELIPAD LANDING ZONES

PORTABLE HELIPAD LIGHTING

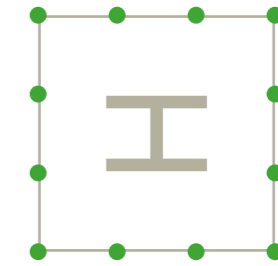
S4GA portable helipad lighting is designed to illuminate helipad, temporary landing zone or touchdown point within few minutes. Standard set includes portable battery-powered helipad lights, handheld controller, mountings and charger.

FEATURES

- 10 km visibility range (visible light)
- 3 km visibility range (NVG)
- 300 hours of autonomy
- Remote activation and control
- Dusk till dawn

APPLICATIONS

- Military helipad lighting
- Military heliport lighting
- Temporary landing zone lights
- Emergency landing lights



- TLOF LIGHTS
- FATO LIGHTS

- APPROACH LIGHTS
- TAXIWAY LIGHTS

PRODUCTS AND ACCESSORIES



SP-401
HELIPAD LIGHTS



MOUNTINGS



OCT-401
CHARGER

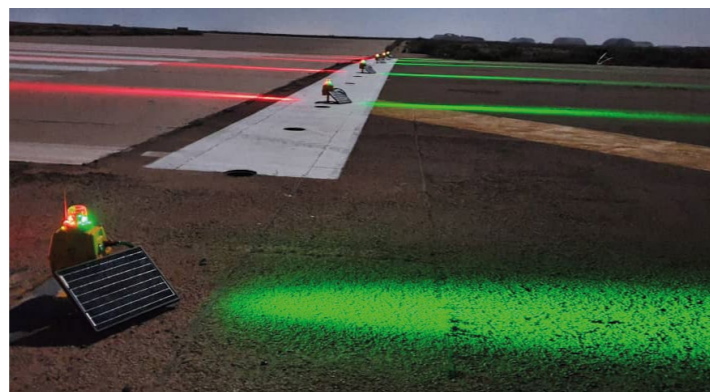


UR-101
HANDHELD CONTROLLER

CASE STUDIES

AFRICA

COMPLETE SOLAR AIRFIELD GROUND LIGHTING



LATIN AMERICA

AIRFIELD LIGHTING TRAILER



EUROPE

PORTABLE HELIPAD LIGHTING





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WORLD'S SAFEST RUNWAY LIGHTING

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