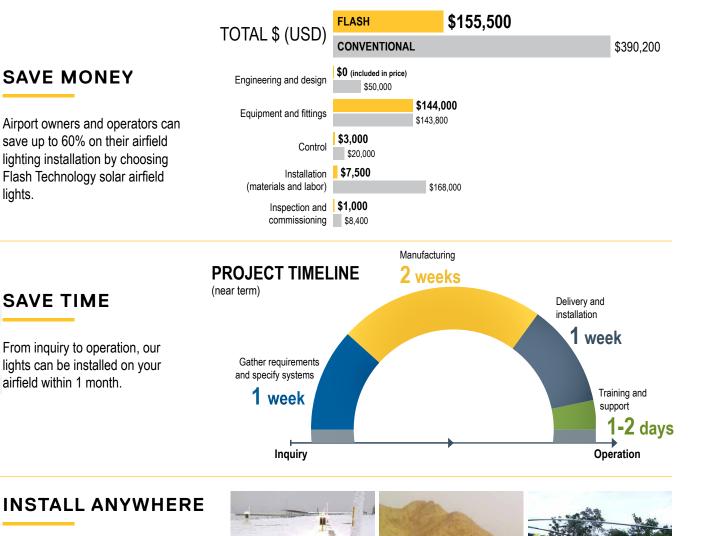


# FLASH TECHNOLOGY AIRPORT LIGHTING



# **3 REASONS TO CHOOSE OUR SOLAR LIGHTS**



Flash Technology designs and builds some of the most durable safety lighting products for every environment around the world, from the arctic to the desert to the middle of the jungle.



## FLASH'S **INTEGRATED** SOLAR LIGHTS:

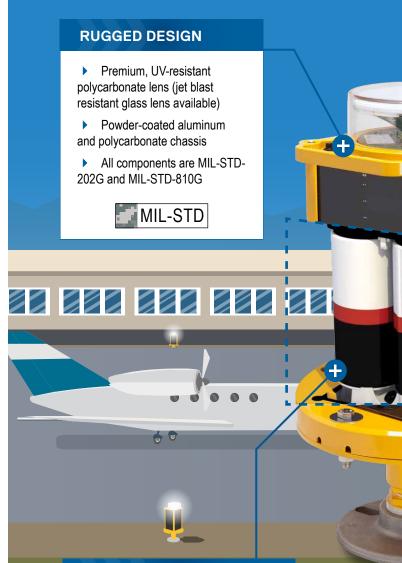
Require no certified electricians or specialized tools



weather



Are guaranteed to perform in extreme



### LONG-LASTING BATTERIES

Proprietary energy management system manages energy efficiently for extended lifespan

- 7-year battery life (2,500 cycles) versus 3 years for most competitors
- Operates in extreme temperatures

Stored in a waterproof, vented battery compartment and available in multiple battery sizes to match your needs

# THE MOST RELIABLE SOLAR LIGHT

### FLASH TECHNOLOGY'S EFFICIENT SOLUTIONS SAVE TIME AND MONEY

#### **HIGHLY VISIBLE LED LIGHTS**

Bright LEDs offer optical efficiency over the competition for consistent photometrics over the product's lifespan

#### **EFFICIENT MONOCRYSTALLINE** SOLAR PANELS

> Panels generate more energy than low-efficiency panels that competitors use

• Efficient power generation means the product can be more compact with a low profile, meeting height restrictions that competitors exceed while also helping reduce shipping costs

#### **BUILT-IN BACKUP POWER**

The high-efficiency solar panels and energy management system allows the system to generate ample power, even on cloudy days

#### PERFORMS IN EXTREME ENVIRONMENTS

Extensive testing for corrosion. ice loading, hail, extreme temperatures, impact, ingress, salt fog, shock, vibration, vandalism, wind loading and more

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# FLASH AIRPORT LIGHTING PROGRAM



Our expert team conducts a complete site assessment to determine what you need for your specific location and weather conditions.

> ✓ Our site assessments use 20+ years of NASA data to ensure long-term reliability and that you get the right product for your location.

### WE SPECIFY AND PROVIDE A CUSTOM SOLUTION.

2

We provide a free, comprehensive report identifying the type, quantity and performance of all airfield lights for your project.

The custom-built solution you receive works yearround: our energy management system, batteries and solar panels are designed to work during periods of low solar activity to ensure continuous, reliable operation each night, for the long term.

We can provide a complete airfield lighting solution

### WE MAKE INSTALLATION EASY AND FAST.

Go from inquiry to installation within 1 month. We offer to include an operations and maintenance plan with your order, which is delivered onsite for easy installation.

> Installation is quick and easy:

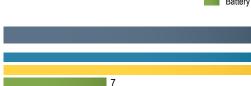
✓ Takes about **10 minutes** per light

3

- Products include built-in carrying handle
- ✓ Multiple mounting options available which only require standard tools
- With solar panels located on all sides, any orientation works

**PRODUCT LIFESPAN** 

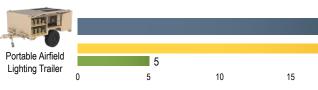






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A704 Runway Approach Light



FLASH TECHNOLOGY **7** 4





EQUIPMENT

**NO DIGGING** 



Products are easy to understand, operate and maintain. The lights are programmed to your specifications at the factoryjust take them out of the box and install.

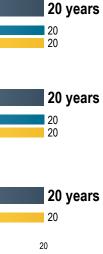
Enjoy easy operation via wireless controls, including intensity control, infrared technology and more.

#### Our products are built to work for the long term. We also offer commercially available spare parts when maintenance is required.



#### Total life expectancy

LED life expectancy Solar panel life expectancy Battery life expectancy



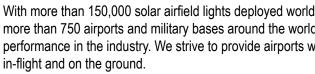
# SOLAR AIRPORT LIGHTING PRODUCTS

CONTROL

STORAGE

LIGHTS

# OVER 150,000 SOLAR AIRFIELD LIGHTS DEPLOYED



### **OUR SOLUTIONS WORK FOR:**





#### Why the need for runway lights? In August 2017, Solomon Airlines and Air Kiribati began operating a new service from Brisbane, Australia to Bonriki Airport in Tarawa, Kiribati, via Honiara in the Solomon Islands. Located in the central Pacific, Bonriki International Airport in Kiribati sought to provide additional flights during the night, when air carriers are otherwise prohibited to land without adequate lighting.

Flash Technology provided 107 runway lights and 41 taxiway lights to allow the airport to add more flights. In addition, the solar-powered lighting, which requires no trenching, can be installed in challenging conditions like this one, where the hardcoral ground compounds the challenges that traditional trenching and wiring can

PALT A704 HHC Medium-intensity runway lighting (MIRL) Secure handheld controller Portable airfield lighting trailer Low-intensity runway lighting (LIRL) Stopway lights Simple approach lighting interior di SAFETY SIGNS NVG operations, covert-only mode Emergency or temporary lighting ARCAL Pilot activated lighting control system ERGL A650 **APPROACH AIDS** Elevated runway guard light Taxiway edge and apron lighting Construction, fence and barricade lights Temporary or permanent markings Hazard marker light PAPI Signs Precision approach path indicator Runway and taxiway guidance signs A704-VL Taxiway lighting **Road Hold** Wind Cone Aviation wind sock Road holding position light

#### FLASH TECHNOLOGY 6

With more than 150,000 solar airfield lights deployed worldwide, our solar airfield lights have been successfully installed in more than 750 airports and military bases around the world. Flash Technology drives continual innovation, reliability and performance in the industry. We strive to provide airports with the latest technology to help increase safe operation of aircraft

## HOW BONRIKI INTERNATIONAL **AIRPORT** BOOSTED THEIR BUSINESS

BY INVESTING IN LOW-COST SOLAR RUNWAY LIGHTING

#### **Our solution**

include.

The Government of Kiribati ordered these lights from Orion Solar on May 1, 2017, and the company handed over the complete system on June 21, 2017-one of the fastest implementations of airfield lighting to date.

Getting to the pristine beauty of Kiribati is now easier, made possible in part due to the addition of Flash Technology solar airport lighting.





### RELIABLE

Up to 1,000 hours of battery power. Unprecedented 7-year battery life.



### **AFFORDABLE**

Lower cost than conventional lighting. No cables or costly maintenance.



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RAPID

Fast shipping and quick installation. No electrical work needed.

# GET STARTED ON YOUR PROJECT TODAY.

1.800.821.5825 | flashsales@spx.com | flashtechnology.com/airfield