



Expeditionary Airfield Lighting System (EALS)

Flash Technology's Expeditionary Airfield Lighting System (EALS) offers the performance of permanent lighting in a portable package. Eliminate the logistical challenges of generators, cables and battery-charging with self-sustaining solar powered operation.

- Includes all runway and taxiway lights and mounts for quick and easy installation
- 3 configurations
- Portable Airfield Lighting Trailer (PALT) with integrated AC and solar charging system ensures airfield lights are always ready

Applications

The EALS combines our trusted A704, A704-VL and PAPI solar airfield lights with our PALT for quick and easy installation and operation. Our system is ideal for:

- Military, police and airport operators
- Night vision goggle (NVG) and covert operations
- Humanitarian, disaster and medevac situations

Compliant and Self-Contained

Airfield lights are a critical navigation aid for pilots and ours are:

- ICAO and FAA compliant
- Solar-powered—no cabling or civil works required
- Self-contained, integrated and sealed against water and dust to greater than IP68

Proven in Austere Environments

Used worldwide in military environments for over 15 years, our airfield lights exceed operational requirements:

- Lightweight, compact and designed for portability with integrated handles, aviation olive drab chassis and military charge ports—additional options available
- Wirelessly controlled up to 2.5 miles (4 km) with military-grade encryption
- High-efficiency LED optics
- Third-party tested for performance



A704




PAPI




Control Systems

EALS


EALS-1

	<p>Runway: 4000' Taxiway: 650'</p> <p>Fully equipped to light a 4000 ft. runway and 650 ft. taxiway to UFC standards. Includes standard NVG capability and enough spare lights for continuous, reliable operation.</p>	Runway and Taxiway Lighting	<p>42 A704 runway lights (white omnidirectional)</p> <p>18 A704 threshold/end lights (red/green bidirectional)</p> <p>16 A704-VL taxiway lights (blue omnidirectional)</p> <p>76 mounts (hub stake or rubber mat kit)</p>
		Approach Lighting	n/a
		Control System	<p>2 Handheld Controllers</p> <p>Pilot control available</p>

EALS-2

	<p>Runway: 6000' Taxiway: 650' taxiway approach</p> <p>Fully equipped to light a 6000 ft. runway and 650 ft. taxiway to UFC standards. Includes standard NVG capability and enough spare lights for continuous, reliable operation.</p> <p>Also includes approach lighting for a NATO Type 2 approach or ICAO Simple Approach.</p>	Runway and Taxiway Lighting	<p>62 A704 runway lights (white omnidirectional)</p> <p>18 A704 threshold/end lights (red/green bidirectional)</p> <p>15 A704-VL taxiway lights (blue omnidirectional)</p> <p>95 mounts (flange, hub stake, or rubber mat kit)</p>
		Approach Lighting	<p>17 A704 approach/runway lights (white omnidirectional)</p> <p>17 unidirectional shields</p> <p>17 mounts (flange, hub stake or rubber mat kit)</p>
		Control System	<p>2 Handheld Controllers</p> <p>Pilot control available</p>

EALS-3

	<p>Runway: 6000' Taxiway: 650' taxiway approach</p> <p>Fully equipped to light a 6000 ft. runway and 650 ft. taxiway to UFC standards. Includes standard NVG capability and enough spare lights for continuous, reliable operation.</p> <p>Also includes approach lighting for a NATO Type 2 approach or ICAO Simple Approach as well as a portable/tactical solar powered PAPI system with NVG capability, wireless control and air transportable cases.</p>	Runway and Taxiway Lighting	<p>62 A704 runway lights (white omnidirectional)</p> <p>18 A704 threshold/end lights (red/green bidirectional)</p> <p>15 A704-VL taxiway lights (blue omnidirectional)</p> <p>95 mounts (flange, hub stake, or rubber mat kit)</p>
		Approach Lighting	<p>17 A704 approach/runway lights (white omnidirectional)</p> <p>17 unidirectional shields</p> <p>17 mounts (flange, hub stake or rubber mat kit)</p> <p>1 portable/tactical PAPI-4 with NVG capability</p> <p>1 portable solar power kit</p> <p>Air transportable cases for PAPI system</p>
		Control System	<p>2 Handheld Controllers</p> <p>Pilot control available</p>

FLASH TECHNOLOGY 

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