

## Solar Series Permanent LED PAPI

COMPILES WITH ICAO ANNEX 14, VOLUME 1, PARA. 5.3 AND FAA AC 150/5345-28G

The Solar Series Permanent LED PAPI is the industry's most efficient and most installed permanent LED PAPI system capable of operating via solar power. Whether it is permanently installed in a remote location or a portable installation for humanitarian aid missions, the Solar Series Permanent LED PAPI increases safety and situational awareness for any operation. The ICAO and FAA compliant optics have both visible and NVG-compatible modes with the ability to be powered by solar, battery, generator, or mains power.

Industry's most advanced and energy efficient LED optics allow for the smallest, most compact solar systems to power the LED PAPI 24/7. If the system is required for on- demand use, it is easily activated by radio control. This enables the LED PAPI and the entire airfield lighting system to be controlled wirelessly

from a single hand held controller to operate every light or solar power system. With a growing number of installations in every climate, worldwide, the Solar Series LED PAPI continues to be the preferred choice of the industry's most demanding customers.



# SPECS

## Solar Series LED Permanent PAPI

### FEATURE BENEFITS

#### INCREASE SAFETY

The ultra-bright, high efficiency LED light is clearly decipherable by the pilot, leading to stable approaches and increased runway safety.

#### DECREASE COSTS

The optional collapsible legs are quickly deployed and leveled, enabling rapid setup on uneven terrain.

#### PROVEN RELIABILITY

The low power consumption and the ability to run off Solar Power save money on electrical generation. With no scheduled maintenance and long-life LEDs, the savings continue over the life of the system.

#### FULL CONTROL

Available with optional RF Controller. This enables the entire airfield lighting system, including the PAPI to be controlled wirelessly from single handheld controller.



# SPECIFICATIONS

## OPTICAL

<b>Configuration Options</b>	4-box PAPI, 2-box PAPI (FAA), APAPI (ICAO)
<b>Output Options</b>	Visible and Infrared
<b>Visible Light Source</b>	High Efficiency LEDs; White, Red
<b>Infrared Light</b>	NVG Compatible High Efficiency IR LEDs – 880 Nanometers
<b>Output</b>	
<b>PAPI</b>	30,000cd / 15,000cd (White/Red)
<b>APAPI</b>	15,000cd / 7,500cd (White/Red)
<b>Infrared Signal</b>	Steady upper corridor, 3Hz flashing lower corridor
<b>Operating Profiles</b>	On Demand Radio Frequency Controller (air/ground), Dusk till Dawn, 24/7, Custom

## MECHANICAL

<b>Dimensions per Light Housing Assembly</b>	907mm(l) x 304mm(h) x 338mm(w)
<b>Mounting Options</b>	
<b>Permanent</b>	- Attach points for 2" EMT fittings
<b>Portable</b>	- Adjustable tactical legs
<b>Enclosure Colors</b>	Aviation Orange, Aviation Yellow, Custom
<b>Shipping Weight (PAPI)</b>	800 lbs
<b>Enclosure</b>	Powder coated steel (permanent) Aluminum (portable)

## ELECTRICAL

<b>Input Options</b>	- RMS120 solar engine - 24V MAPPS Solar Power System - Solar Series Hybrid Power System Optional Tactical Battery - Generator (120VAC/230VAC) - Mains Power (6.6Amp/120VAC/230VAC)
<b>Control</b>	Integrated photocell Optional Radio Frequency Controller
<b>Enclosure Colors</b>	Aviation Orange, Aviation Yellow, Custom
<b>Consumption</b>	
<b>PAPI Day/Night</b>	- 150/30 Watts
<b>APAPI Day/Night</b>	- 35/10 Watts

## ENVIRONMENTAL

<b>CE</b>	Compliant
<b>Weather Protection</b>	Enclosure is NEMA 4, IP65
<b>MIL Std</b>	MIL Std 810F Series, MIL Std 461F Series

## WARRANTY AND LIFE EXPECTANCY

<b>Warranty</b>	1 Year
<b>Life Expectancy</b>	60,000 Hours