

GA700 Low Intensity Runway Light

Applications

- General aviation airports.
- Airstrips and airparks.
- Low intensity runway lighting (LIRL).
- Portable runway lighting.
- Emergency or temporary lighting.

Meets traditional airfield requirements in an easy-to-install, low maintenance package.

Features

- 25 cd dusk to dawn, 365 days per year.
- FAA and ICAO compliant.
- Long-lasting batteries.
- Installs in minutes on any surface.

Out of the box operation

- "Tap to activate" LED display.
- Easily check light settings and battery status.
- No programming required.
- Turns on automatically.

Easy Installation

Limited crew, no trenching, no airfield interruptions. Just place the GA700 and it emits light dusk-to-dawn, 365 days per year while maintaining its battery.

Low Maintenance

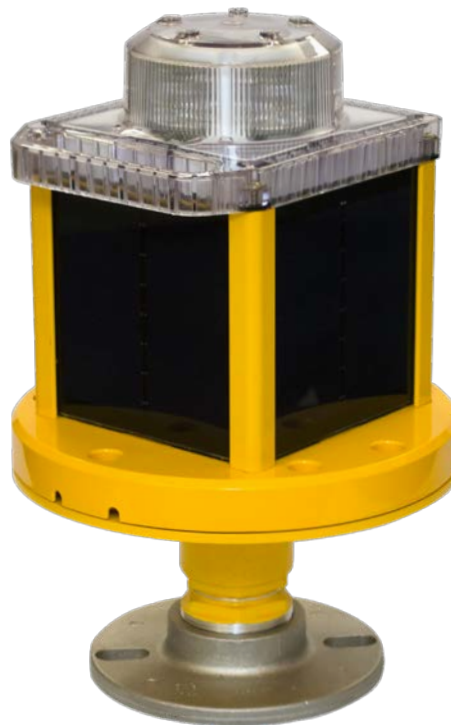
The GA700 integrates solar panels, battery, electronics, and LED light source into a compact, stand-alone unit requiring minimal maintenance for 7 years.

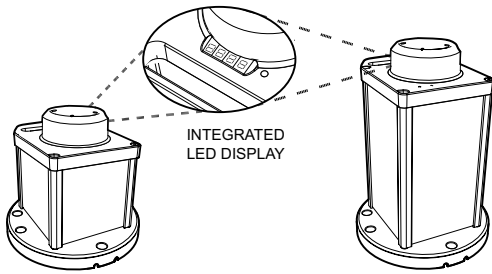
Reliable

The Energy Management System (EMS) monitors all operations to provide consistent output in the harshest environments. Testing to ICAO, FAA and MIL specifications ensures high performance for many years.

Trusted

With thousands of installations worldwide, our solar LED lights operate year-round at over 500 airports and military bases.



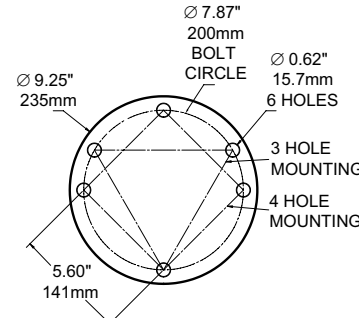
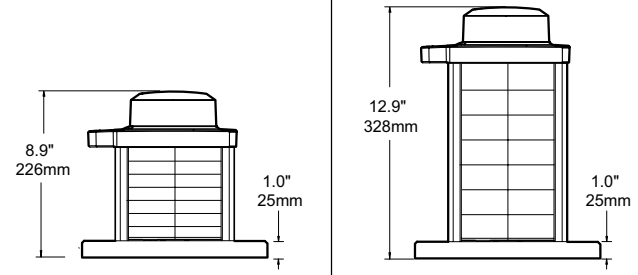


SPECIFICATIONS

Optical	Dusk-to-dawn output of 25 cd
	High-power LEDs meet IES LM-80 lumen maintenance, ensuring consistent photometrics for life of product
	ICAO, SAE25050 (FAA), and FAA EB 67 compliant chromaticity
	Steady-on and flash
Energy Collection	High-efficiency cells with blocking diodes
	Maximum power point tracking with temperature compensation (MPPTTC) for optimal energy collection in all solar conditions
Energy Storage	Pure-lead VRLA AGM battery with manufacturer operating range -65 to 80 °C (-85 to 176 °F)
	On-board battery status
	Designed for 5+ year battery life; Replaceable and recyclable
	Standard charge port for auxiliary charging and cabled operation
Energy Management System (EMS)	Intelligent, microprocessor EMS
	On-board diagnostics and datalogger
	Out-of-the-box automatic operation with tap to activate LED display (optional IR remote control)
	Autonomous (dusk to dawn), Temporary, and Emergency Modes
Automatic Light Control (ALC)	ALC adjusts output intensity in response to unusually low amounts of sunlight to ensure continued operation
Construction	Premium, UV-resistant polycarbonate lens
	Powder coated aluminum and polycarbonate chassis with integrated handle
	Waterproof, vented battery compartment
Temperature	-30 to 50 °C (-22 to 122 °F) Optimal -40 to 80 °C (-40 to 176 °F) Maximum
Wind & Ice Loading	644 kph (400 mph) wind; 0.03 psi (22 kg/m ²) ice
Shock & Vibration	MIL-STD-202G and MIL-STD-810G
Ingress	EN 60529 IP 67 immersion
	MIL-STD-202G immersion & damp heat cycling
	MIL-STD-810G rain & salt fog
Compliance	FAA L-860 LIRL (AC 150/5345-46, EB67)
	FAA L-863 Portable (AC 150/5345-50)
	ICAO 25 cd (Annex 14, Vol. 1, 5.3.9.9)

WEIGHTS AND DIMENSIONS

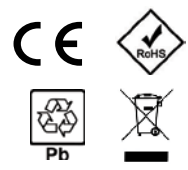
COMPACT		STANDARD	
Weight	9.9 lb (4.5 kg)	Weight	14 lb (6.4 kg)
Battery	X-cells (63 Wh)	Battery	E-cells (100 Wh)
LARGE			
Weight		Weight	22.4 lb (10.2 kg)
Battery		Battery	BC-cells (210 Wh)



CONFIGURATION

MODEL	COLOR ▼	SIZE - MAX OUTPUT ▼	CHARGE PORT ▼
GA700	WHITE (W) GREEN (G) RED (R)	COMPACT STANDARD LARGE	NONE (NA) CHARGE PORT (CP) MILITARY CHARGE PORT (MP)

Example: GA700-W-COMPACT-CP



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