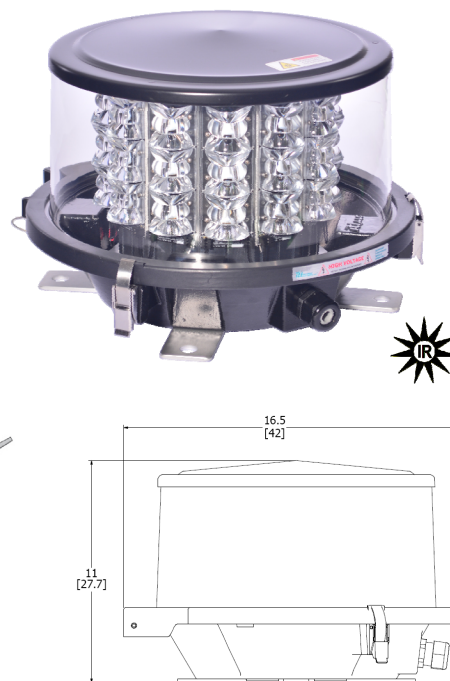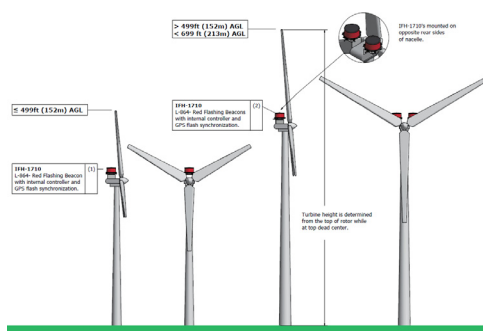# IFH-1710-0IR

Wind Turbine Obstruction Lighting System
Type L-864(L), Red LED with Infrared (IR)

Built from the ground-up for
wind turbine obstruction lighting ™

Visit our website: www.itl-llc.com

The **IFH-1710-0IR** utilizes **Infrared Emitters**, **LED** technology and advanced optics to achieve a complete red LED **wind turbine obstruction lighting system**. The IFH-1710 connects with a single cable for ease of installation and meets FAA AC 70/7460-1K requirements. **GPS flash synchronization** is a standard feature and is configurable to match the flash rates of competitors. The **IFH-1710-0IR** is designed for long term maintainability with field replaceable circuit boards, photocell and GPS.

Features

- Integrated controller, photocell and GPS.
- Wireless GPS-based flash synchronization.
- Interface for Aircraft Detection System (radar) available as option (IFH-1710-A00).
- Form-C dry contact alarm indicates failure of LED beacon, Photocell, or GPS.
- Flash rate adjustable for 20 or 30FPM.
- Duty cycle adjustable for 50% or 67%.
- Indicator lights for Beacon, Mode and GPS status.
- Fail-safe design turns the beacon on steady in the event of flasher failure.
- Universal power input.
- Industry standard mounting hole footprint.
- Modular, maintainable design.
- Field replaceable components include:

LED Light Engine	LED Boards
Power Supply Board	Controller Board
Photocell	GPS

Specifications

Specifications:	ETL Certified to FAA AC150/5345-43, Type L-864(L) and Engineering Brief 67.
Temperature:	-40°C to +55°C
Humidity:	Less than 95%, non-condensing
Night Intensity:	2,000 ±25% effective candelas
Beam Pattern:	360º Horizontal, ≥3º Vertical
Flash Rate:	20FPM or 30FPM Red Night, selectable
Dimensions:	Height: 11" (27.7cm), Diameter: 16.5" (42cm)
Weight:	28lbs (13Kg)
Suppression:	320 Joule, 150V & 600V Gas Tube, Input Power
	45 Joule, 275V, All Dry-Contact Alarm
Input Power:	120 to 240 Vac, 50 or 60 Hz, 23W[1] average power, night mode. 13W[1] average power over 24 hours[2].

(Note 1: At 25°C, 120Vac)

(Note 2: 12 Hours night mode, 12 Hours day mode)