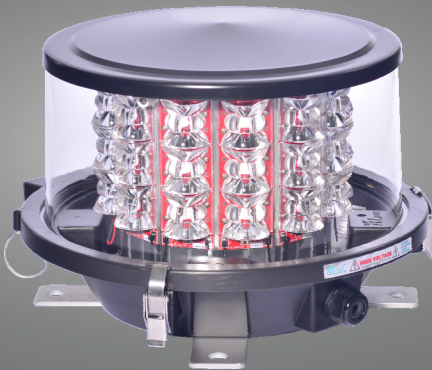


IFH-1710-000

Wind Turbine Obstruction Lighting System

Type L-864(L), Red LED

WHERE ENGINEERING
MEETS PASSION.™




The **IFH-1710** utilizes the latest 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** 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.
- Local interface for Aircraft Detection System (radar).
- 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	360° Horizontal, ≥3° 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, 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)	

