

# IFH-1910-0IR

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

WHERE ENGINEERING  
MEETS PASSION.™



The **IFH-1910** is equipped for tomorrow's technical challenges. Dimming capability includes support for Vaisala and Biral visibility sensors. Modbus communications and our Ethernet Gateway provide a robust multi-turbine dimming solution.

**Aircraft Detection Lighting System (ADLS or radar)** support via Ethernet Gateway or local input. **Infrared (IR)** emitters provide Night Vision Imaging Systems (NVIS) compatibility per FAA EB-98. Integral **GPS** for seamless flash synchronization. Precision optics and the latest LED technology provide a low power, low light pollution wind turbine lighting solution.

## Features

- **Infrared (IR)** emitters for Night Vision Imaging Systems (NVIS) compatibility per FAA EB-98.
- **Dimming** support for **Vaisala** and **Biral** visibility sensors.
- **Aircraft Detection Lighting System (ADLS)** support via **Ethernet** or **Local** input.
- Expandable to support turbines 700 ft AGL and greater.
- **Ethernet Gateway** option.
- Over Voltage Protection (OVP) option.
- Flashing L-810 option.
- Form-C dry contact alarm indicates failure of LED beacon, Photocell, or GPS.
- Integrated controller, photodiode and GPS-based flash synchronization.
- Universal power input.
- Industry standard mounting hole footprint.
- Field replaceable components include:
  - LED Light Engine    LED Boards
  - Controller Board    GPS Antenna

## Specifications

Specifications:	ETL Certified to FAA AC 150/5345-43J, Type L-864(L)
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:	30FPM Red Night
Dimensions:	Height: 7.9" (20cm), Diameter: 15" (38.1cm)
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, 30VA <sup>1</sup> average power, night mode. (Note 1: At 25°C, 120Vac)

