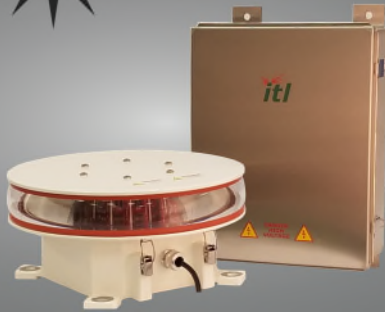


# ILS-1900-0IR

L-864(L) / L-810(L)  
Red LED with Infrared (IR)  
Obstruction Lighting Systems

WHERE ENGINEERING  
MEETS PASSION.™



**ILS-1900-0IR Red LED Obstruction Lighting Systems** are complete control solutions for FAA Styles A0 and A1 through A6. Housed in a stainless steel enclosure, the controller can operate up to six L-864 LED flash heads or three tiers of L-810 LED Obstruction Lights. Multiple controllers can be used together for configurations requiring more than six L-864(L) flash heads. Eleven Form-C dry-contact alarm relays are available standard. ITL's MON-2682 wireless monitoring system seamlessly integrates to provide SNMP, HTTP, and ITL ADP™ communication.

## Features

- Complete solution for FAA Style **A0 and A1**, to **A6** towers. Multiple controllers can be used together for configurations requiring more than six L-864(L) flash heads.
- **Flexible architecture** allows any of the three channels to control two L-864(L) or Up to four L-810(L) obstruction lights.
- MON-2682 Option for seamless integration of **SNMP, HTTP** and **ITL ADP™** communication.
- **Alarm Threshold Setup** function provides automated determination of alarm points in the field.
- An **RF Filter** is integrated into each obstruction light control channel for broadcast applications.
- **GPS Option** for wireless flash synchronization of multiple obstruction lighting systems.
- One Form-C dry-contact Main Alarm provided for indication of any alarm condition.
- Door mounted **Alarm Board** provides an additional 10 Form-C dry-contact alarms.
- Manual Mode Override switch.
- Utilizes industry standard photocell to automatically turn on/off the lighting system when ambient light reach FAA required levels.
- Built-in fusing for each channel and photoelectric cell (PEC).
- 120VAC and 230VAC International versions available.

## Specifications

Standards:	ETL Certified AC150/5345-43, Type L-864(L), L-810(L) TVOC Transport Canada CAR 621
Flash Head(s):	IFH-1900-0IR, L-864(L), Up to Two per channel 2,000 ±25% effective candelas, Red 264 mW/sr (min), 800-900nm, Infrared 360° Horizontal Beam, ≥3° Vertical Beam 120 Vac, 60 Hz, 24 VA each Height: 11" (28 cm), Diameter: 16.5" (42 cm) 28lbs (14 kg) each
Side Lights:	MKR-LTG1-0IR, L-810(L), Up to Four per channel (See MKR-LTG1-0IR data sheet for specifications)
Controller:	RLC-1903-000 120 Vac, 60 Hz, 6 VA each 16.63" (42.2 cm) x 11.57" (29.4 cm) x 6.55" (16.6 cm) 17 lbs. (7.7 kg) each
Alarm Relays:	120 / 230 VAC, 1 Amp
PEC:	120 VAC, 50 / 60 Hz, 1 VA
Suppression:	300 Joule, 275 V, Power and each Control Channel 70 Joule, 275 V, PEC 45 Joule, 275 V, All Dry-Contact Alarms
Temperature:	-40°C to +55°C
Humidity:	Less than 95%, non-condensing

