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:	Complies with FAA AC150/5345-43J, Type L-864(L), L-810(L)
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, 60Hz, 24VA each
	Height: 11" (28cm), Diameter: 16.5"(42cm)
	28lbs (14Kg) 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, 60Hz, 6VA each
	16.63"(42.2cm) x 11.57"(29.4cm) x 6.55"(16.6cm)
	17lbs. (7.7kg) each
Alarm Relays:	120 / 230 Vac, 1 Amp
PEC:	120Vac, 50 / 60 Hz, 1VA
Suppression:	300 Joule, 275V, Power & each Control Channel
	70 Joule, 275V, PEC
	45 Joule, 275V, All Dry-Contact Alarms
Temperature:	-40°C to +55°C
Humidity:	Less than 95%, non-condensing