

# ILS-3600-0IR

L-865(L)/L-864(L) Dual LED  
White Day/Red Night System

WHERE ENGINEERING  
MEETS PASSION.™



ILS-3600-0IR

## DESCRIPTION

The **ILS-3600 Dual LED Lighting System** utilizes LED technology and precision optics to provide a low power, low light pollution, dual tower lighting solution. **All electronics is accessible at ground level** reducing the need for costly tower climbs. The flash head contains only LEDs and a multi-stage surge suppression network. System modularity facilitates maintenance and long term reliability. Low noise design enhances **compatibility with 4G/LTE technology**.

## Features

- Precision optical design minimizes both “sky-glow” and “ground-scatter” light pollution.
- **Infrared** operation included.
- Optional MON-2682-000 monitoring panel (pictured) provides wired or wireless Ethernet connectivity with SNMP, HTTP and ITL AutoDialer Pro™ support.
- **Multi-stage surge suppression** networks included in the flash head and at ground level.
- Rated for up to **800 ft** of flash head cable.
- Flashing Side Light feature for **enhanced avian conservation** (FAA waiver required).
- No microprocessor or driver electronics above ground level.
- **GPS** synchronization of flash requires only the addition of a GPS antenna (ANT-018X-GPS-KIT).
- Dry contacts (Form-C) provided for White Alarm, Red Alarm, Infrared Alarm, Side Light, Photocell, GPS and Power Fail alarms and day/night mode.
- DIP switch selectable operation for Red/White (L-864/L-865), White/White (L-865), or Catenary (L-885 and L-866) operation.
- Support for popular models of 120Vac LED side lights..
- E2 type systems available.

## Specifications

Standards:	ETL Certified AC150/5345-43J, Type L-865(L)/L-864(L)
Temperature:	-40°C to +55°C
Humidity:	Less than 95%, non-condensing
Day Intensity:	20,000 ±25% effective candelas
Night Intensity:	2,000 ±25% effective candelas
Beam Pattern:	360° Horizontal, ≥3° Vertical
Flash Rate:	40FPM Day, 40FPM White Night, 20 or 30FPM Red Night.
Side Lights:	0 to 4 Type L-810(L) LED, steady burning or flashing.
Flash Head:	Height: 14.7” (37.4cm), Diameter: 13” (33cm), 33lbs (15Kg)
Power Supply:	23.63”(60.0cm) x 16.57”(42cm) x 9.76”(24.8cm), 40lbs (18.1Kg)
Suppression:	70 Joule, 275V, Input Power, PEC, Side Lights 45 Joule, 275V, All Dry-Contact Alarms
Input Power:	120 or 240 Vac, 50/60 Hz Day: 95W White Night: 35W White/IR Night: 40W Red Night: 25W Red/IR Night: 50W



Night Vision Goggles (NVG) and Aviator's Night Vision Imaging Systems (ANVIS) translate infrared energy (IR) into brightness variations on a human visible display. These systems utilize various filters and technology that affect their sensitivity to infrared energy (IR) of different wavelengths. International Tower Lighting, LLC (ITL) makes no claim or representation that the infrared energy (IR) emitted by ITL obstruction lights is visible to any NVG, ANVIS or other night vision imaging system. In no event shall International Tower Lighting, LLC (ITL) or any of its representatives be liable for any damages, including, without limitation, direct, consequential, indirect, punitive, incidental or special damages, in connection with the infrared energy (IR) emitted by ITL obstruction lights and/or whether any NVG or ANVIS can detect such Infrared energy (IR) or whether the infrared energy (IR) emitted by ITL obstruction lights is visible to any NVG, ANVIS or other night vision imaging system, regardless of the form of action.

