

ILS-3600-01R

L-865(L)/L-864(L) Dual LED / IR

White Day/Red Night System

WHERE ENGINEERING
MEETS PASSION.™



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

