

PULSAR^{LED DUAL}

Model: 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 Auto Dialer 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 120 VAC LED side lights..
- E2 type systems available.

Specifications

Standards:	ETL Certified AC150/5345-43, Type L-865(L)/L-864(L) TVOC Transport Canada CAR 621
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, Red 264 mW/sr (min), 800-900 nm, Infrared
Beam Pattern:	360° Horizontal, ≥3° Vertical
Flash Rate:	40 FPM Day, 40 FPM White Night, 20 or 30 FPM Red Night.
Side Lights:	0 to 4 Type L-810(L) LED, steady burning or flashing.
Flash Head:	Height: 14.7” (37.4 cm), Diameter: 13” (33 cm), 33 lbs (15 kg)
Power Supply:	23.63” (60.0 cm) x 16.57” (42 cm) x 9.76” (24.8 cm), 40lbs (18.1 kg)
Suppression:	70 Joule, 275 V, Input Power, PEC, Side Lights 45 Joule, 275 V, All Dry-Contact Alarms
Input Power:	120 or 240 VAC, 50/60 Hz Day: 95 W White Night: 35 W White/IR Night: 40 W Red Night: 25 W Red/IR Night: 50 W

