



OL370d

DUAL MEDIUM INTENSITY OBSTRUCTION
LIGHTING SYSTEM

The OL370d is a dual FAA L-864/L-865 medium intensity LED lighting system ideal for FAA E-type towers between 200' and 700' AGL. The system complies with CAR 621 2nd edition for medium intensity CL-864/CL-865 flashing lights and ICAO 7th edition standards for medium intensity type A/type B obstacle lights.

The OL370d uses a single cable for all communications, and beacon and marker power. Interleaved LEDs and by-pass circuitry provide the light with a longer lifespan. The system is housed in a single enclosure with a low voltage environment, removing the need for an interlock switch—alarms can remain active, even while the door is open. Firmware upgrades are quick and easy, requiring no controller modifications.



STANDARD FEATURES

- Industry-leading 25kA surge immunity
- Minimized ground scatter via patented Fresnel optics
- LTE modem data connection for greater dependability
- Durable photodiode in metal housing with shielded cable
- No replaceable fuses required thanks to input power breaker switch
- Outdoor Wi-Fi antenna for status notifications and diagnostics
- ADLS interface
- Configurable to meet AC 70/7460-IL
- Dry contact monitoring
- **5-year warranty**

OPTIONAL FEATURES

- Infrared marker LEDs
- SMART card
- GPS synchronization
- Remote Firmware Upgrades
- TECK90 Support
- Solar engine power source






REPRESENTED IN YOUR REGION BY:

OL370d

DUAL MEDIUM INTENSITY OBSTRUCTION LIGHTING SYSTEM



SPECIFICATIONS

| | |
|--------------------------|---|
| Input Voltage | 100-240 VAC at 50/60 Hz ±24 VDC (optional) ±48 VDC (optional) |
| Frequency | 50-60 Hz |
| Marker Power Consumption | 2.1 watts per marker (not included in system consumption) |
| Marker Dimensions | 9" x 2.75" x 2.13" (228.6 x 69.9 x 54.1 mm) |
| Marker Weight | 1.6 lbs (0.7 kg) |
| FH Dimensions | 15.75" dia. x 7.31" |
| FH Weight | 26.3 lbs (11.92 kg) |
| FH Aerodynamic Wind Area | 99.125 in ² |
| Controller Dimensions | 23" x 17.13" x 6.44" |
| Controller Weight | 44 lbs (20 kg) |
| Protection Rating | IP65, NEMA 4X |
| Certifications |      |

| | | POWER CONSUMPTION (WITH IR) | FLASH RATE (PER MIN) | FLASH INTENSITY |
|------------------------------|---------------|-----------------------------|----------------------|-----------------|
| L-864 L-865 | Day (white) | 80 W (70 W) | 40 flashes | 20,000 ±25% ECD |
| | Night (red) | 40 W (40 W) | 20/30/40 flashes | 2,000 ±25% ECD |
| | Night (white) | 40 W (40 W) | 40 flashes | 2,000 ±25% ECD |
| L-866 L-885 | Day (white) | 110 W (100 W) | 60 flashes | 20,000 ±25% ECD |
| | Night (red) | 50 W (50 W) | 60 flashes | 2,000 ±25% ECD |
| | Night (white) | 50 W (50 W) | 60 flashes | 2,000 ±25% ECD |

* Only 30 fpm flash rate is applicable for FAA certified applications filed under AC 70/7460-1L, and requires the use of L-810(F) depending on the height of the structure.