



Vanguard® Red FTS 371

Medium Intensity RED LED Aviation Obstruction Lighting System



A1 configuration



A0 configuration

The Vanguard Red FTS 371 is a low-power FAA L-810/L-864 red obstruction lighting system for FAA type A0/A1 structures. It meets changing FAA regulations for flashing markers and also complies with FAA L-885 for catenary applications.

With LED replacing incandescent lighting and marker power consumption decreasing by as much as 98%, a new approach for accurate monitoring is required. The FTS 371 uses a patent-pending current feedback monitoring technology that will not fluctuate with changes in incoming power and temperature, providing consistent and predictable results.

The FTS 371 meets FAA AC 150/5345-43H and can accommodate both AC 70/7460-1K and 1L marker requirements. The system also meets Transport Canada CAR 621.19, ICAO Type B and Type C (7th Edition) and DGAC Mexico.

STANDARD FEATURES

- Flash rate of 20, 30, 40 or 60 flashes per minute (*200 ms flash duration*)*
- Infrared beacon LEDs for night vision compatibility
- Mode override switch
- Photodiode control with alarm inhibit option
- (1) dry contact relay (*master alarm*)
- Support for up to 4 markers and 1 beacon
- (5) year warranty




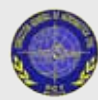

SYSTEM OPTIONS

- Infrared marker LEDs

* Only 30 fpm flash rate is applicable for FAA certified applications filed under AC 70/7460-1L.

Vanguard® Red FTS 371

GENERAL SPECIFICATIONS

| | |
|---------------------------------|---|
| Input Voltage | 85-265 VAC at 50/60 Hz 12-48 VDC \pm 10% (12 VDC for markers only) |
| FH Aerodynamic Wind Area | 99.125 in ² |
| Protection Rating | IP65, NEMA 4X |
| Certifications |      |

| Component | Dimensions | Weight |
|---------------------------------|---|---------------------------|
| Polycarbonate Controller | 7.8 x 8.25 x 4" (198.1 x 209.6 x 101.9 mm) | AC/DC 2.1 lbs. (0.95 kg) |
| Flashhead | 15.75" dia. x 7.5" (400 dia. x 190.5 mm) | AC/DC 25.6 lbs. (11.7 kg) |
| Marker (Single L-810) | 9" x 2.75" x 2.13" (228.6 x 69.9 x 54.1 mm) | DC 1.6 lbs. (0.7 kg) |
| OL2 (Double L-810) | 11.0" x 5.0" x 8.75" (279.4 x 127 x 222.25 mm) | DC 5.4 lbs. (2.45 kg) |

| Power Consumption (Watts) | | | | |
|-------------------------------------|----|--------|---------------|---------------|
| | | 20 fpm | 30 fpm | Steady |
| FTC 371 | AC | 0.9 | 0.9 | 0.9 |
| | DC | 0.8 | 0.8 | 0.8 |
| FH 371 | AC | 4.0 | 5.3 | 30 |
| | DC | 4.0 | 5.3 | 30 |
| Marker 371 (Single L-810) | DC | - | 0.5 0.8 IR | 2.5 3.9 IR |
| OL2 (Double L-810) | DC | - | 1.0 1.6 IR | 5.0 7.8 IR |

FLASH
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