

Vanguard® Medium FTS 370i-2 IR

The Vanguard Medium FTS 370i-2 IR is available as an FAA L-864 or ICAO Type B medium intensity aircraft warning light. Since it is an integrated system, no external system controller is required. Utilizing red LEDs and infrared LEDs, the design creates a perfect solution for wind turbine lighting systems.

For wind turbines with a rotor tip height between 500' and 700', two Vanguard 370i-2 IR units can be used together on one nacelle to meet FAA AC 70/7460-1L specifications. The Vanguard FTS 370i-2 IR features standard GPS synchronization to ensure proper flashing characteristics.

Standard Features

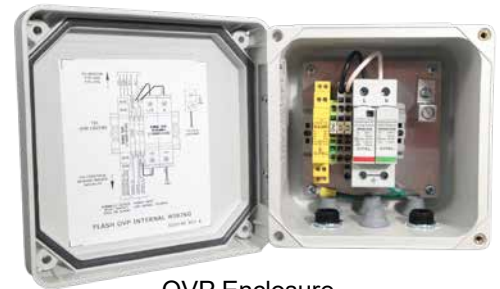
- NVG and NVIS compatibility using 850nm infrared (IR) LEDs
- Patented Fresnel optics to minimize ground scatter
- Aircraft Detection Lighting Systems (ADLS) interface
- Versatile mounting options
- Patented 360-degree light collector
- Ruggedized GPS antenna for reliable synchronization
- Field configurable flash characteristics
- Single dry contact alarm conveys LED, sync and mode status
- 5-year warranty

Optional Features

- Additional overvoltage protection (OVP) device mounted inside the nacelle for lightning protection zone 1 (LPZ 1)
- Adjustable mounting pedestal for mounting in variable mounting positions

Regulatory Compliance

- FAA L-864 per AC 150/5345-43J
- ICAO Annex 14 6th edition, medium intensity type B
- DGAC L-864
- CSA



OVP Enclosure



Universal Mounting Bracket

FTS 370i-2

SPECIFICATIONS

Input Voltage	120-240 VAC
Frequency	50-60 Hz
FH Dimensions	15.75 dia. x 7.31" (8.7" top of GPS) 400 dia. x 180.6 mm (220.7 mm top of GPS)
FH Weight	26.3 lbs. (11.9 kg)
FH Aerodynamic Wind Area	99.125 in ² (63,900.51 mm ²)
Protection Rating	IP66

POWER CONSUMPTION

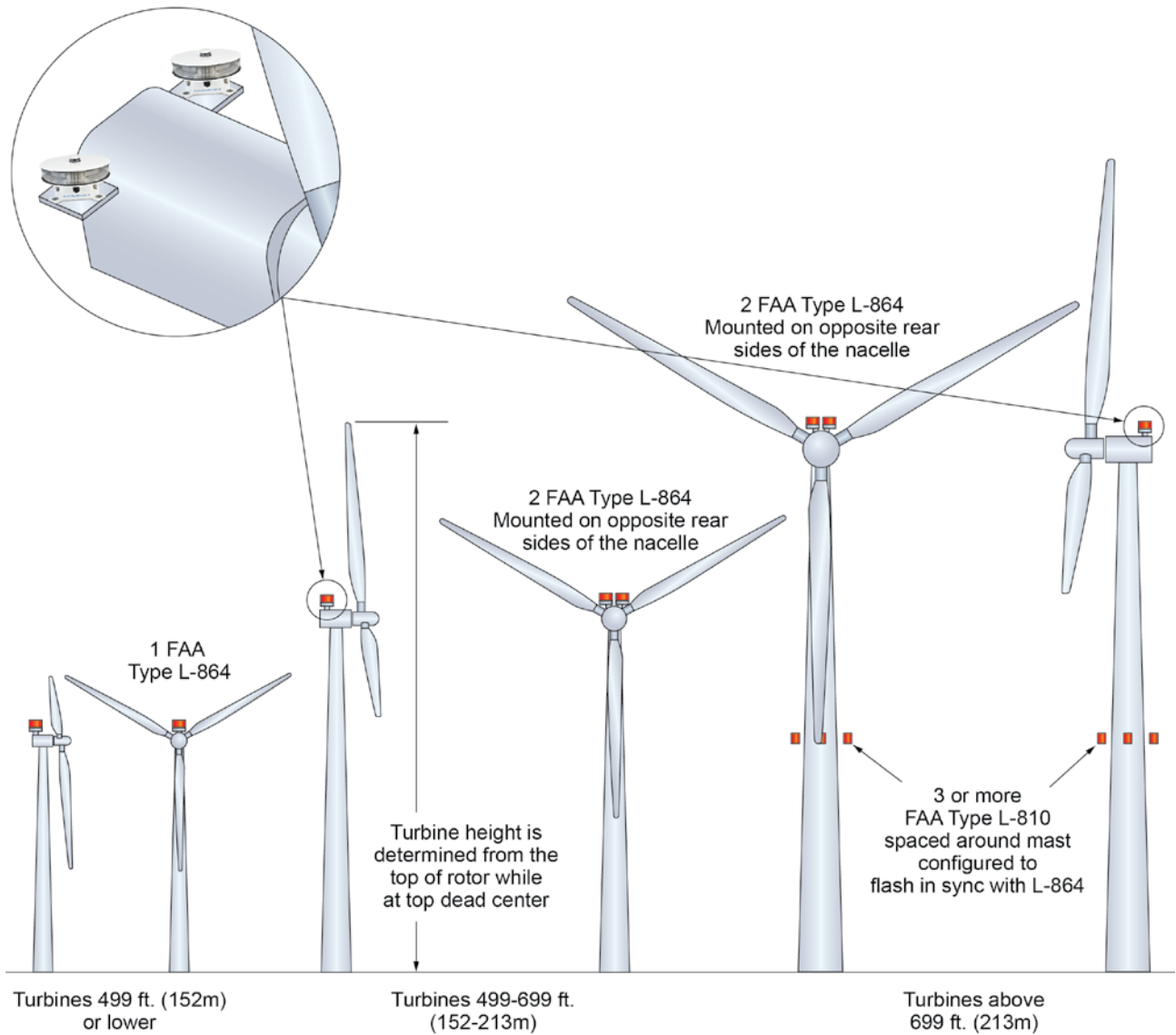
	20 fpm	30 fpm	40 fpm
L-864 red night at 2,000 ± 25% ECD flash intensity	7W	10W	13W

Power consumption is 2 watts in stand-by.

FTS 370i-2 COMPONENTS



FAA WIND TURBINE LIGHTING



FLASH TECHNOLOGY

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