

Vanguard® FTS 370i Wind Turbine Lighting

The Vanguard Medium FTS 370i-2 IR is available as an FAA L-864 or ICAO Type B medium intensity aircraft warning light specifically designed for wind turbines. The FTS 370i utilizes LED technology, advanced optics and industry-leading surge protection to ensure long-term reliability and compliance. 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.

Standard Features

- Powder-coated aluminum top plate and base
- Fully integrated system – no external controller
- Dry contact for integration with Aircraft Detection Lighting System (ADLS)
- Surge immunity of 25kA withstands 99% of all lightning strikes
- GPS for synchronized flashing
- Patented 360-degree light collector to control mode change
- Infrared (IR) LEDs for compatibility with NVG and NVIS
- Patented Fresnel optics to minimize ground scatter
- Field configurable flash rate to 20 or 30 fpm
- 1 dry contact relay: beacon, sync and mode status

System Options

- Mounting brackets available for multiple turbine manufacturers
- Additional overvoltage protection (OVP) device protects against lightning strikes (approved for Siemens turbines)

Regulatory Compliance

- FAA L-864 per AC 150/5345-43J
- ICAO Medium Intensity type B
- DGAC L-864
- CSA
- CE

Warranty

- 5-year parts warranty



FTS 370i-2

SPECIFICATIONS

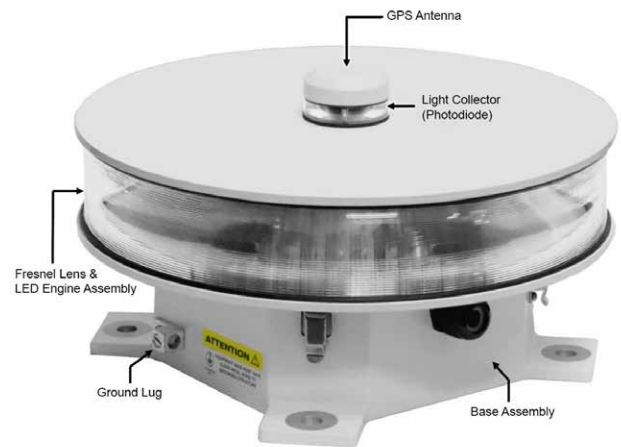
Input Voltage	120-240 VAC
Frequency	50-60 Hz
FH Dimensions	15.75 dia. x 7.31" (8.7" top of GPS) 400 dia. x 180.6 mm (220.7 mm top of GPS)
FH Weight	26.3 lbs. (11.9 kg)
FH Aerodynamic Wind Area	99.125 in ² (63,900.51 mm ²)
Protection Rating	IP66

POWER CONSUMPTION

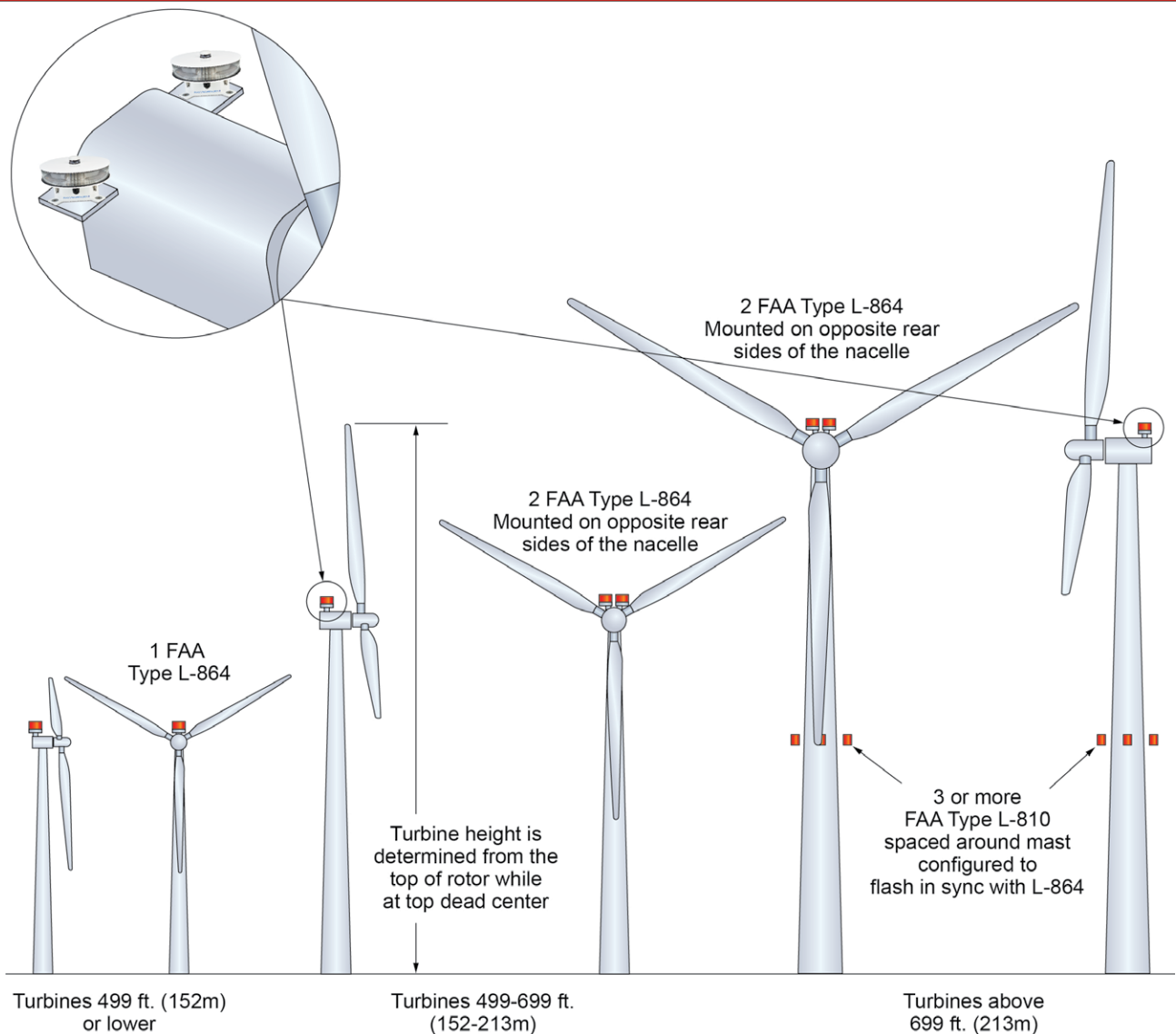
	20 fpm	30 fpm	40 fpm
L-864 red night at 2,000 ± 25% ECD flash intensity	7W	10W	13W

Power consumption is 2 watts in stand-by.

FTS 370i-2 COMPONENTS



FAA WIND TURBINE LIGHTING



FLASH TECHNOLOGY

flashsales@spx.com | flashtechology.com/obstruction | 1.615.503.2000

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