



# FTS 350i Wind Turbine Lighting System

The FTS 350i is an economical FAA L-864 / ICAO Type B red LED lighting system specifically designed for wind turbine applications that do not require the advanced features of the FTS 370i.

Small and light, this stand-alone obstruction light does not have a controller taking up scarce space inside the nacelle. The weather-proof, UV-resistant, polycarbonate construction provides a 90% weight reduction over the FTS 370i.

The FTS 350i is fully compliant with FAA AC 70/7460-1L requirements for turbines with rotor tip heights less than 699 feet and is certified to AC 150/5345-43J with infrared LEDs.



## Standard Features

- Fully integrated system – no external controller
- Easy to carry and install on turbines due to extremely low weight
- Infrared (IR) LEDs for compatibility with NVG and NVIS per FAA AC 150/5345-43J
- Fresnel optics minimize ground scatter, making the light more community friendly
- 10kA surge protection, two times the FAA-specified minimum
- GPS for synchronized flashing
- Handheld remote controller simplifies light setup
- Field-configurable flash rate of 20 or 30 fpm
- Dry contact alarm for beacon, GPS sync and mode change
- 2-year replacement warranty

## Optional Features

- Adaptor plates for existing mounting brackets
- Mounting brackets available for multiple turbine manufacturers
- Overvoltage protection device (OVP)

PRODUCT COMPARISON	FTS 350i	FTS 370i
Surge Protection	10kA	25kA
Warranty	2-year replacement	5-year parts
Weight	2.9 lbs. (1.3 kg)	26.3 lbs. (11.9 kg)
Wind Area	26.8 in <sup>2</sup> (17,290 mm <sup>2</sup> )	99 in <sup>2</sup> (63,870.8 mm <sup>2</sup> )
Power Consumption at 30 fpm	9 W	10 W
GPS Sync	✓	✓
Alarm Relay	✓	✓
Infrared LEDs	✓	✓
Radar Interface	–	✓

# FTS 350i

## SPECIFICATIONS

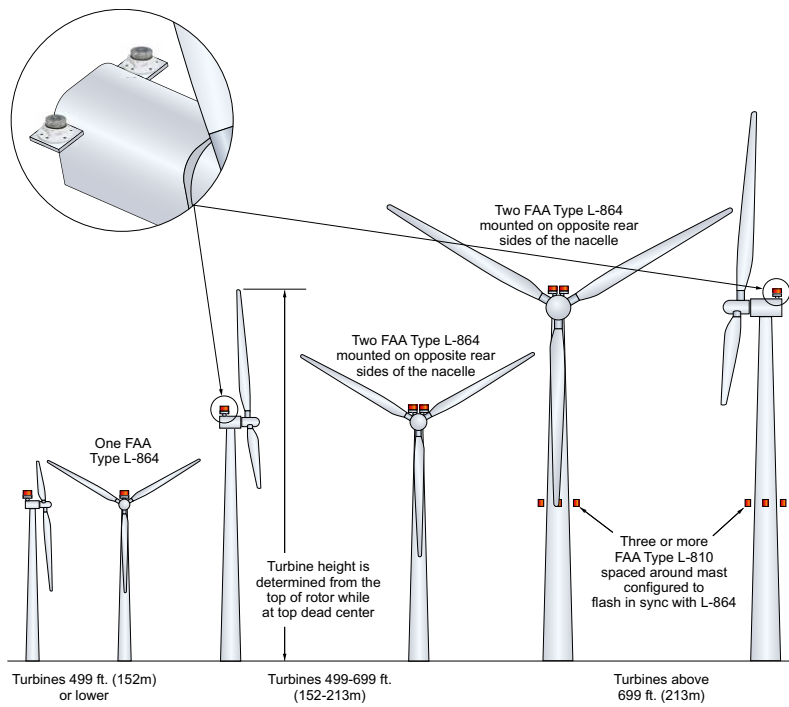
Input Voltage	120-240 VAC
Frequency	50-60 Hz
FH Weight	2.9 lbs. (1.3 kg)
FH Aerodynamic Wind Area	26.8 in <sup>2</sup> (17,290 mm <sup>2</sup> )
Protection Rating	IP66

## POWER CONSUMPTION

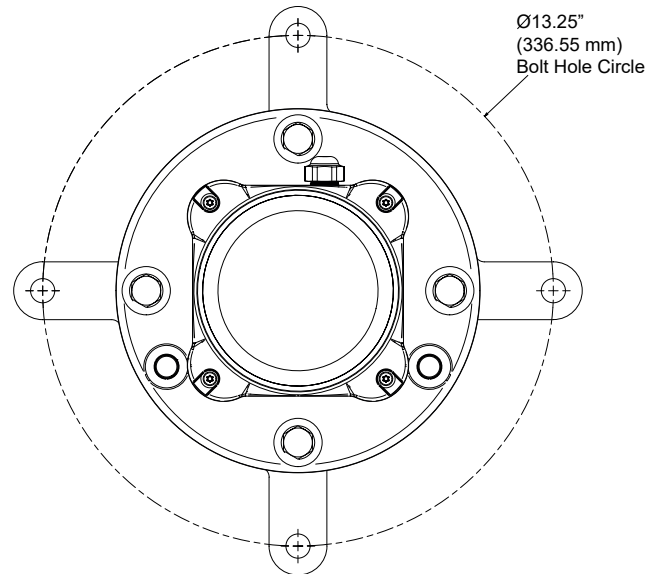
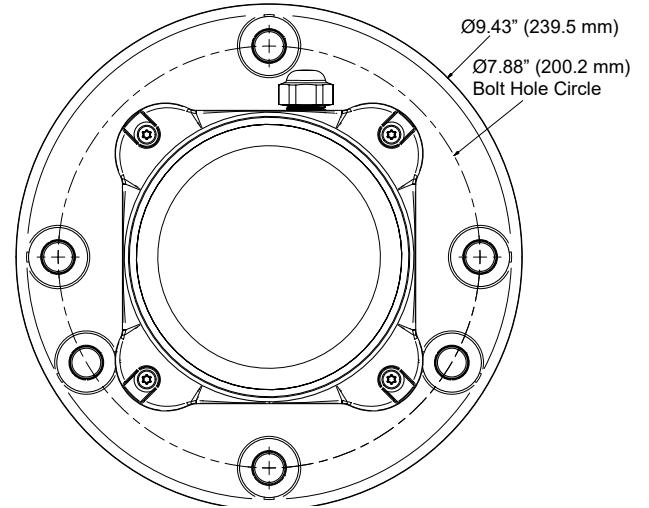
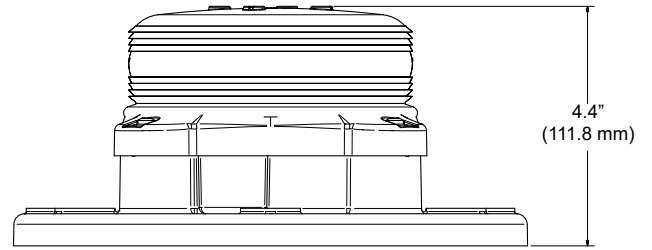
	20 fpm	30 fpm
L-864 red night at 2,000 ± 25% ECD flash intensity	6W	9W

Power consumption is 1 watt in stand-by.

## FAA WIND TURBINE LIGHTING



## DIMENSIONS



FTS 350i with  
Adaptor Plates

**FLASH TECHNOLOGY**

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