



FTS 370i-2 Wind Turbine Obstruction Light

Compliance

- Certified to FAA AC 150/5345-43J, Type L-864
- ICAO Annex 14, 6th Edition, Medium Intensity Type B
- CSA Compliant
- AFAC L-864
- CAR 621 Compliant

Applications

The FTS 370i-2 is an integrated wind obstruction light delivering reliable, "set it and forget it" performance, enabling operators to confidently meet FAA aviation safety requirements. Paired with the Light Control Module (LCM), this advanced solution strengthens cybersecurity and supports seamless radar integration to reduce the risk of disruption and ensure continuous, safe operation.

Features

- Designed for both new and repower wind turbine projects, as well as tall structures such as buildings and towers
- Optional LCM 200 Lighting Control Module (LCM) providing cybersecure, ADLS-integrated lighting control

Simplified, All-In-One Design

Built on a proven, durable design, the fully integrated FTS 370i-2 operates as a stand-alone obstruction light, eliminating the need for an external controller and freeing valuable space within the nacelle.

Seamless Radar System Integration

Compatible with Aircraft Detection Lighting Systems (ADLS) from leading providers like DeTect™ and Terma™, these lights are designed for seamless integration and support dual monitoring through both the ADLS controller and the Supervisory Control and Data Acquisition (SCADA) system.

Highly Efficient Lighting Solution

The FTS 370i-2 uses advanced LED technology to deliver significant energy and cost savings, further enhanced when paired with the LCM. The LCM activates the light only when an aircraft is detected nearby, optimizing efficiency without compromising safety.





Technical Specifications

LIGHT CHARACTERISTICS

LIGHT SOURCE	High-powered LED
AVAILABLE COLORS	Red, Red/IR
FLASH CHARACTERISTICS	20/30/40 flashes per minute (FPM)
LED LIFE EXPECTANCY	>100,000 Hours

ELECTRICAL CHARACTERISTICS

INPUT VOLTAGE	120-240 VAC
INPUT FREQUENCY	50-60 Hz
INTENSITY	2,000 ± 25% cd
NIGHT POWER CONSUMPTION (200ms flash duration)	20 fpm 7W 30 fpm 10W 40 fpm 13W

Note: Power consumption is 2 watts in stand-by.

PHYSICAL CHARACTERISTICS

BODY MATERIAL	Aluminum
BODY COLOR	White
LENS MATERIAL	UV-resistant Acrylic
LENS DESIGN	Patented Fresnel Optics
MOUNTING	4 Hole 13.25" (337 mm) PCD
HEIGHT	8.7 in (221 mm)
WIDTH	15.75 in (400 mm)
WEIGHT	26.3 lbs (11.9 kg)
AERODYNAMIC WIND AREA	99.13 in ² (63,900 mm ²)
OPERATING TEMPERATURE	-40° to 55°C (-40° to 131°F)
SERVICE LIFE	Greater than 10 Years

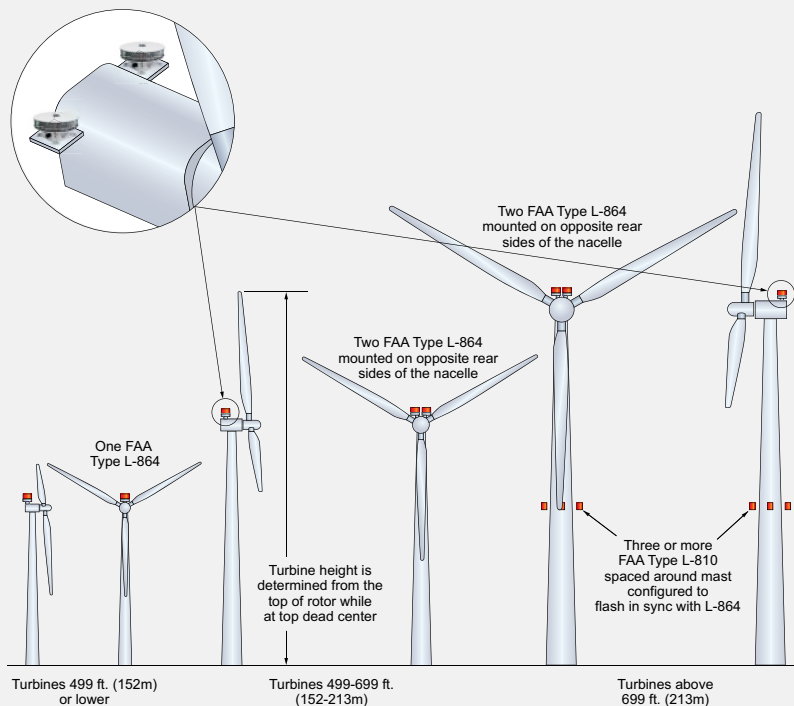
COMPLIANCE

FAA	FAA L-864 AC 150/5345-43J AC 70/7460-1M
ICAO	Annex 14 6th Edition, Medium Intensity Type B
AFAC	L-864
CSA	Compliant
QUALITY ASSURANCE	ISO 9001:2015
TRADEMARKS	Flash and Flash Technology® are brands of SPX Aids to Navigation (a division of SPX Technologies)

OTHER

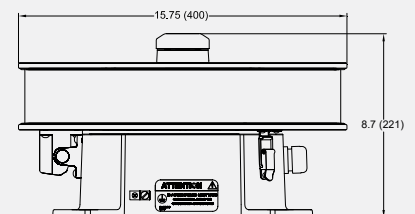
STANDARD ACCESSORIES	Quick Start Guide
OPTIONS	Mounting Brackets Extended Cable Lengths LCM 200 Light Control Module (FTC 370-2 LCM) Overvoltage Protection Device (OVP)
WARRANTY	5 Years Visit flashtechtechnology.com for Warranty Statement and Terms and Conditions
TERMS AND CONDITIONS	Please Refer to the Product Manual for Further Information

FAA WIND TURBINE LIGHTING GUIDELINES



TECHNICAL DRAWINGS

FTS 370i-2



BOLT PATTERN

