

# Vanguard® Medium FTS 370 Catenary

The FTS 370c Vanguard Medium is an FAA L-866/L-885 catenary lighting system available in dual, white or red. It is specifically designed for structures supporting transmission lines that span across low terrain such as waterways, ravines and gorges. The flash sequence is middle-top-bottom at 60 flashes per minute.

## Standard Features

- Infrared (IR) lighting – NVG and NVIS compatibility using 850nm IR LEDs on the flashhead per FAA AC 150/5345-43J
- Interleaved LEDs and by-pass circuitry provide longer life by allowing the loss of individual LEDs up to the 25% limit
- Surge immunity of 25kA to withstand 99% of all lighting strikes
- Ruggedized photodiode in metal housing with shielded cable
- Input power breaker switch eliminates replaceable fuses
- Patented Fresnel optics to minimize ground scatter
- Aircraft Detection Lighting Systems (ADLS) interface
- Automatic failsafe switches to day mode if no mode change detected
- 4-line OLED backlit display for visibility in any lighting conditions
- Dry contact monitoring (day, night, marker, PED, GPS, comm alarms and mode status)
- Compliant with FAA AC 70/7460-1L
- 5-year warranty

## System Options

- SMART card - Enables several options for monitoring and controlling the system remotely while providing full diagnostic information using either cellular or ethernet based connectivity. SNMP, Modbus or Eagle Protocols can be used.
- LTE modem for improved communication stability
- Outdoor Wi-Fi antenna for onsite diagnostics and lighting inspections
- GPS synchronization
- Remote upgradeable firmware



# FTS 370c

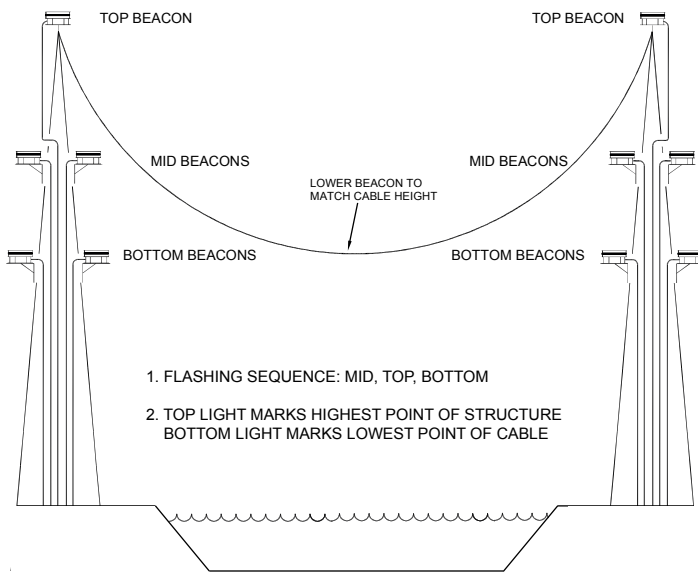
## SPECIFICATIONS

Regulatory	FAA AC 150/5345-43H L-864, L-865, L-866, L-885
	ICAO Annex 14 6th edition Medium Intensity types A and B
	Transport Canada CAR 621 2nd edition CL-864/CL-865
	DGAC L-864/L/865
	CSA CE
Input Voltage	100-240 VAC ±48 VDC (optional)
Frequency	50-60 Hz
FH Dimensions	15.8 dia. x 7.3" (400 dia. x 190.5 mm)
FH Weight	26.3 lbs (11.92 kg)
FH Aerodynamic Wind Area	99.1 in <sup>2</sup> (0.06 m <sup>2</sup> )
Controller Dimensions	23 x 17.1 x 6.4" (584.2 x 434.3 x 162.6 mm)
Controller Weight	44 lbs (20 kg)
Protection Rating	IP66, NEMA 4X

## POWER CONSUMPTION

		Wattage (IR)	Flash Rate**	Flash Intensity
L-866/ L-885	Day (white)	110w (100w)	60 fpm	20,000 ±25%ECD
	Night (red)	50w (50w)	60 fpm	2,000 ±25%ECD
	Night (white)	50w (50w)	60 fpm	2,000 ±25%ECD

## FAA CATENARY LIGHTING



**FLASH TECHNOLOGY** 

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