

# FTS 800 Unidirectional Airport Approach Lighting

The FTS 800 is a voltage-driven unidirectional approach light that identifies runway end, or the acquisition of an active runway. It can be used as a simple runway end identifier light (REIL) or as an addition to complete any number of approach light systems like MALSR, MALSF, SSALSR, ALSF I and II for runway alignment and runway threshold marking.

The flashhead and power converter may be mounted together to form a single unit or separately to adapt to specific terrain needs.

## Standard Features

- Compatible with air-to-ground radio controllers and ground-to-ground remote systems
- Modular design for easy maintenance
- Longer flashtube life due to low voltage ( $\pm 500$  VDC) required for operation
- Can be set for 1- or 3-step intensity

## System Options

- Component-level technical training available
- 50 Hz and 60 Hz systems
- FTC 183 - Remote control and monitoring of approach lights
- FTC 435 - Automatically changes approach light intensity to match intensity of CCR controlled runway lights
- FTC 415 - Internal system controller

## Regulatory Compliance

- ETL-verified to FAA AC 150/5345-51B for L-849 styles A and E
- Complies with ICAO lighting regulations



## LIGHTING INTENSITIES

Standard			Canadian		
High Intensity	Medium Intensity	Low Intensity	High Intensity	Medium Intensity	Low Intensity
15,000 Effective Candela	1,500 Effective Candela	300 Effective Candela	20,000 Effective Candela	2,000 Effective Candela	450 Effective Candela
Nominal	Nominal	Nominal	Nominal	Nominal	Nominal
White	White	White	White	White	White

# FTS 800

## FLASHHEAD - FH 800

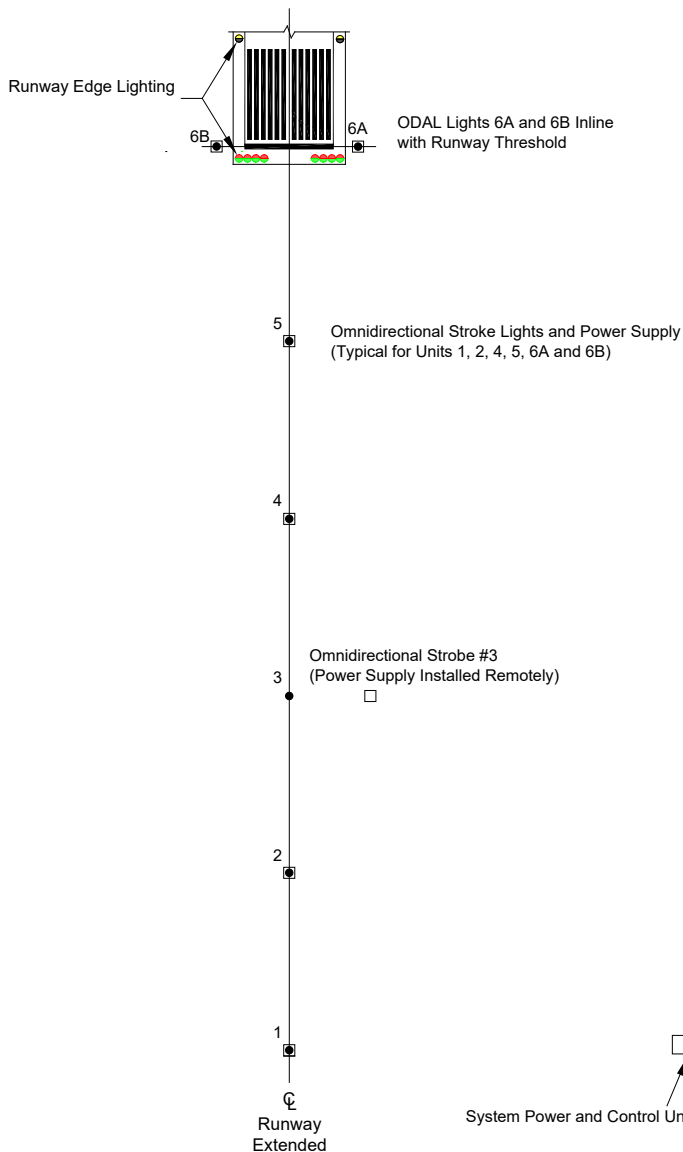
Flash Rate	120 flashes per minute
Coverage	30° minimum horizontal coverage
Beam	10° minimum vertical beam
Elevation Angle	Adjustable elevation angle 0 to 25°
Weight	4 lbs (1.82 kg)
Dimensions	10.8 x 7.3" (226.1 mm x 198.1mm)

## VOLTAGE-DRIVEN POWER CONVERTER - PC 800

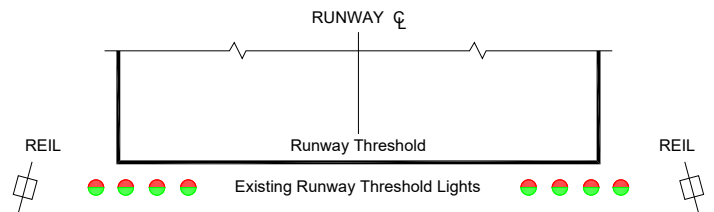
Power	High	60 fpm	120 fpm
	Medium	135 W	190 W
	Low	65 W	75 W
Amperage	300 VA peak		
Circuitry	Solid state		
Interlocks	Yes		
Internal Surge Protection	Yes		
Relays	Status relay with C contacts		
Weight	21 lbs (9.53 kg)		
Dimensions	12.3 x 19.4 x 13.4" (311.2 x 493.8 x 341.4 mm)		

## FAA AIRPORT APPROACH LIGHTING

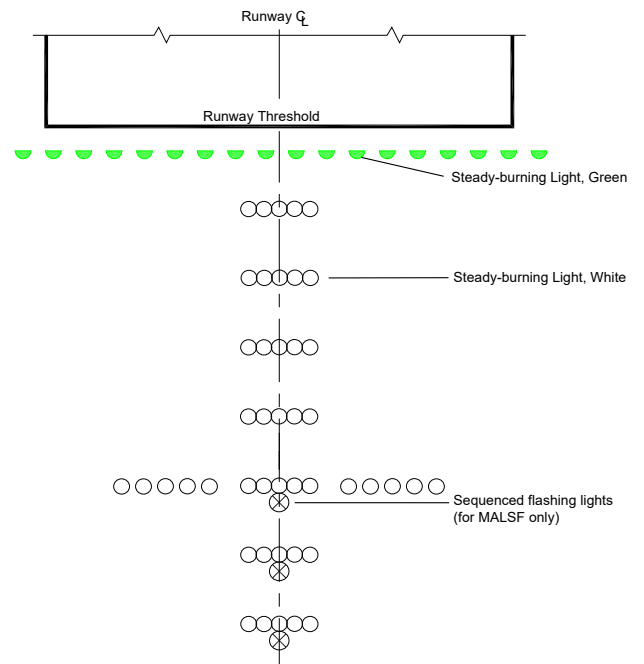
### ODAL FAA AC 150/5340-30J



### REIL FAA 150/5340-30J



### MALSF FAA AC 150-5340-30J



**FLASH TECHNOLOGY**

flashsales@spx.com | flashtechnology.com/airfield | 1.615.503.2000

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