



# FTS 830 Unidirectional Airport Approach Lighting

The FTS 830 is a current-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

## Options

- Component-level technical training available ([flashtechnology.com/training](http://flashtechnology.com/training))
- 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		
High Intensity	Medium Intensity	Low Intensity
20,000 Effective Candela	2,000 Effective Candela	450 Effective Candela
Nominal	Nominal	Nominal
White	White	White

# FTS 830

## FLASHHEAD - FH 800

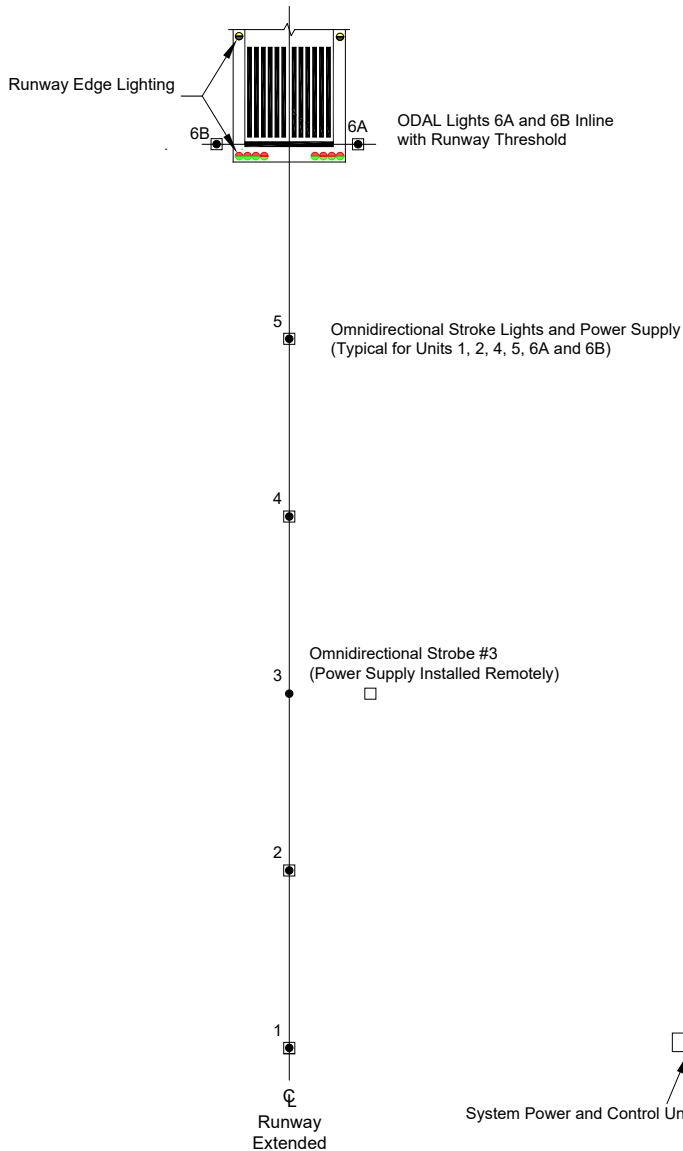
Flash Rate	120 flashes per minute
Coverage	30° minimum horizontal coverage
Beam	10° minimum vertical beam
Elevation Angle	Adjustable elevation angle 0 to 25°
Weight	4 lbs (1.82 kg)
Dimensions	10.8 x 7.3" (226.1 mm x 198.1mm)

## CURRENT-DRIVEN POWER CONVERTER - PC 830

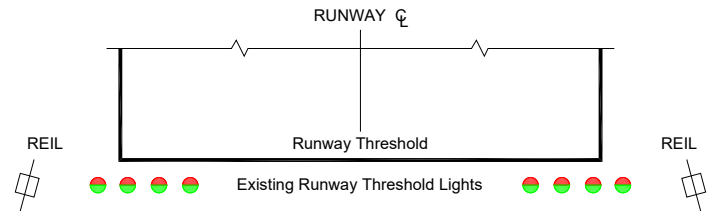
Power	High	60 fpm	120 fpm
	Medium	135 W	190 W
	Low	65 W	75 W
Current	2.8A to 6.6A		
Frequency	50/60 Hz		
Circuitry	Solid state circuitry		
Interlocks	Yes		
Internal Surge Protection	Yes		
Weight	21 lbs (9.53 kg)		
Dimensions	12.3 x 19.4 x 13.4" (311.2 x 493.8 x 341.4 mm)		

## FAA AIRPORT APPROACH LIGHTING

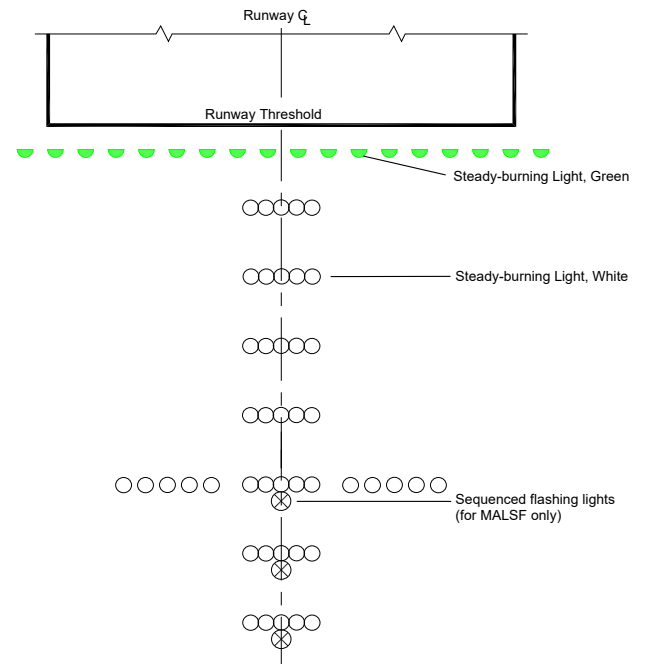
### ODAL FAA AC 150/5340-30J



### REIL FAA 150/5340-30J



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



**FLASH TECHNOLOGY**

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