



FTS 830

Current-Driven Unidirectional 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 lights (*REIL*) or as an addition to complete any number of approach light systems like MALS, MALSF, SSALS, 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 (± 500 VDC) required for operation
- Can be set for single-step or three-step intensity
- Certification conformance:
 - ❑ FAA AC 150/5345-51, FAA Type L-849 Style A and E
 - ❑ ICAO Annex 14
 - ❑ Transport Canada K312

FTS 830 Approach Lighting

OPTIONAL FEATURES

- 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

GENERAL SPECIFICATIONS

Flash Head - 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	HxW: 10.75 in. x 7.30 in. (226.06 mm x 198.1mm)

Certifications



Voltage Driven Power Converter - PC 830

Power	High	100 W (60 fpm)	175 W (120 fpm)
	Medium	45 W (60 fpm)	65 W (120 fpm)
	Low	25 W (60 fpm)	30 W (120 fpm)
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	H x W x D: 12.25 in. x 19.44 in. x 13.44 in. 311.2 mm x 493.8 mm x 341.4 mm		

	High Intensity	Medium Intensity	Low Intensity
Standard	(20,000 Effective Candelas)	(2,000 Effective Candelas)	(450 Effective Candelas)
	Nominal	Nominal	Nominal
	White	White	White
Canadian	(20,000 Effective Candelas)	(2,000 Effective Candelas)	(450 Effective Candelas)
	Nominal	Nominal	Nominal
	White	White	White



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