



FTS 400

Voltage-Driven Omnidirectional Approach Lighting



The FTS 400 is a voltage-driven omnidirectional 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 complete omnidirectional approach lighting system for runway alignment and runway threshold marking.

The flash head 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
- Conforms to FAA AC 150/5345-51, FAA Type L-849 Style B and F
- Complies with ICAO lighting regulations

FTS 400 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 400

Flash Rate	60 flashes per minute
Coverage	360° minimum horizontal coverage
Beam	8° minimum vertical beam
Elevation Angle	Adjustable elevation angle 0 to 25°
Weight	10 lbs (4.5 kg)
Dimensions	16.5 in. x 13.5 x 13.5 in. (419 mm x 343 mm x 343 mm)

Certifications



Voltage Driven Power Converter - PC 400

Power	105 Watts (High) 65 Watts (Medium) 50 Watts (Low)
Amperage	300 VA peak
Circuitry	Solid state circuitry
Interlocks	Yes
Internal Surge Protection	Yes
Relays	Status relay with C contacts
Weight	21 lbs. (9.53 kg)
Dimensions	12.3 in. x 19.5 in. x 13.5 in. 311 mm x 494 mm x 341 mm

	High Intensity	Medium Intensity	Low Intensity
Standard	(5,000 Effective Candelas)	(1,500 Effective Candelas)	(300 Effective Candelas)
	Nominal	Nominal	Nominal
	White	White	White
Canadian	(10,000 Effective Candelas)	(2,000 Effective Candelas)	(450 Effective Candelas)
	Nominal	Nominal	Nominal
	White	White	White

FLASH
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