



# FTS 400 Omnidirectional Airport Approach Light

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 ( $\pm 500$  VDC) required for operation
- Can be set for single-step or three-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 B and F
- Complies with ICAO lighting regulations

LIGHTING INTENSITIES					
STANDARD			CANADIAN		
High Intensity	Medium Intensity	Low Intensity	High Intensity	Medium Intensity	Low Intensity
5,000 Effective Candela	1,500 Effective Candela	300 Effective Candela	10,000 Effective Candela	2,000 Effective Candela	450 Effective Candela
Nominal	Nominal	Nominal	Nominal	Nominal	Nominal
White	White	White	White	White	White

# FTS 400

## FLASHHEAD - FH 400

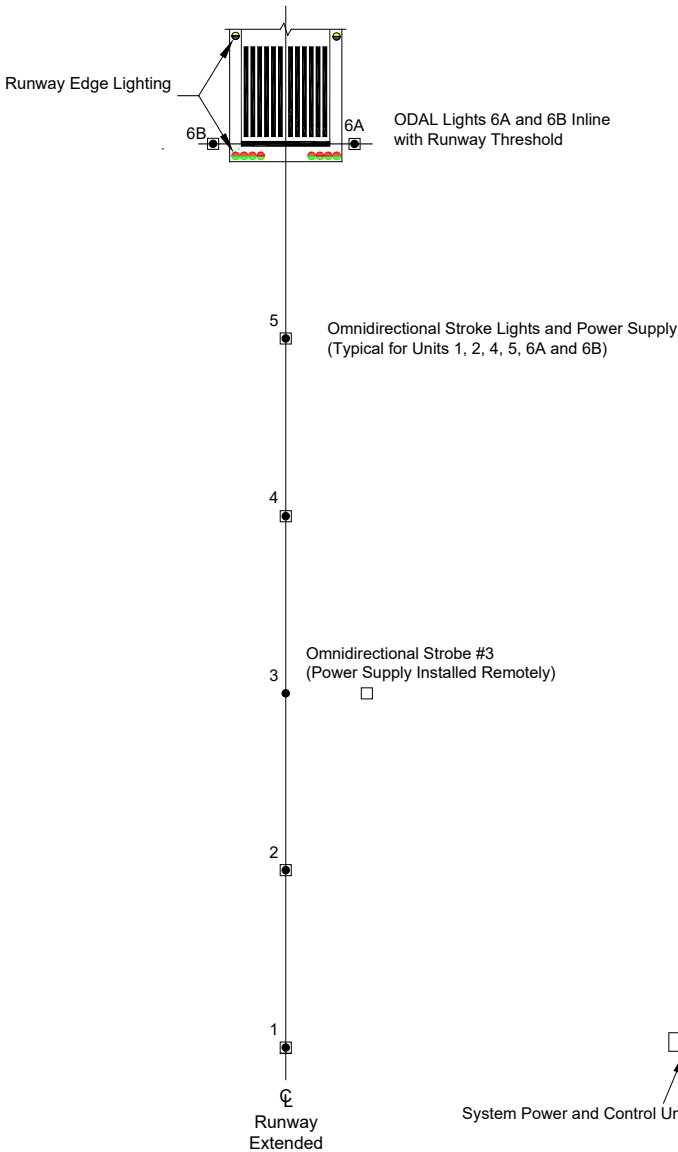
Flash Rate	60 flashes per minute
Coverage	360° minimum horizontal coverage
Beam	8° minimum vertical beam
Elevation Angle	Adjustable elevation angle 0 to 25°
Weight	10 lbs (4.5 kg)
Dimensions	16.5 x 13.5 x 13.5" (419 x 343 x 343 mm)

## VOLTAGE-DRIVEN POWER CONVERTER - PC 400

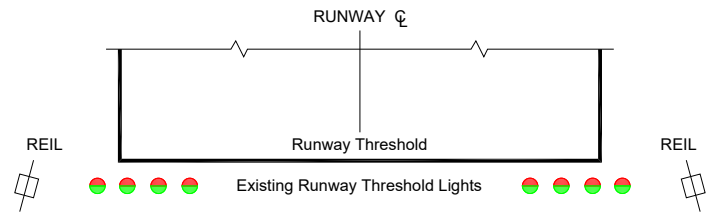
Power	High - 105 watts Medium - 65 watts Low - 50 watts
Amperage	300 VA peak
Circuitry	Solid state
Interlocks	Yes
Internal Surge Protection	Yes
Relays	Status relay with C contacts
Weight	21 lbs (9.53 kg)
Dimensions	12.3 x 19.4 x 13.4" (311.2 x 493.8 x 341.4 mm)

## FAA AIRPORT APPROACH LIGHTING

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



### REIL FAA 150/5340-30J



# FLASH TECHNOLOGY

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

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