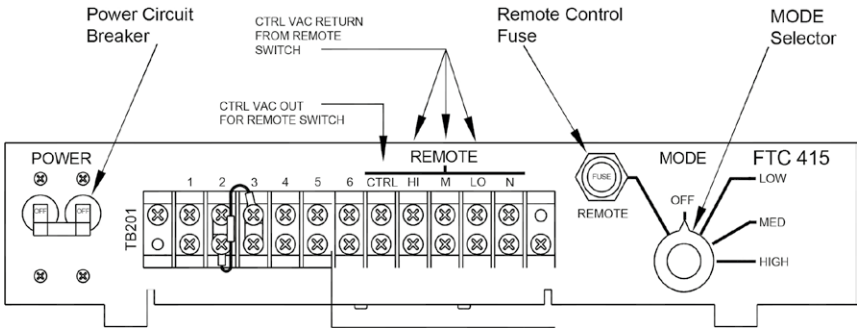
Airport Approach Lighting Controllers

Flash Technology offers mulitple controller airport approach lighting controller options depending on your airport's needs.

FTC 415 Internal Controller

The FTC 415 is integrated into the power converter of voltage-driven FTS 400 and FTS 800 systems. It includes five operating modes:

- REMOTE places the system in remote control mode, controlled at another location.
- OFF removes power from the lighting units.
- LOW activates flashing at low intensity.
- MED activates flashing at medium intensity.
- HIGH activates flashing at high intensity



FTC 183 External Controller

Designed to serve as a central airport approach lighting controller, the FTC 183 is an external controller for the FTS 400 and FTS 800 voltage-drive lighting systems in configurations from a simple REIL pair to a full 28-light approach installation.

The graphic display shows real time status of each individual light in the system. Internal memory retains a transient failure until it is manually reset, allowing for identification of a light that is only occasionally missing a flash.

- LED indicators for on site at-a-glance status
- Independent LED status indicator for each light
- Synchronizes lights and directs flash timing and intensity
- Records and reports light operating status
- 3 intensity settings: low, medium & high
- Automated or manual intensity control
- Reports lighting alarms
- 1 dry contact data point output
- Option for normally open or normally closed data point
- NEMA 4X stainless steel outdoor rated enclosure

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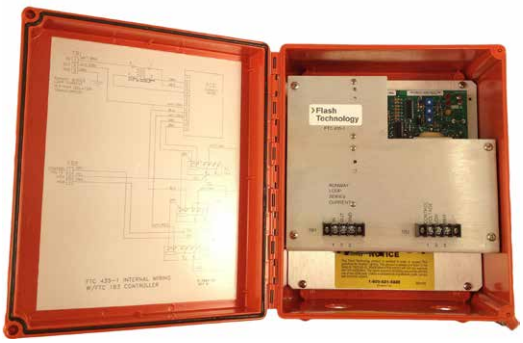
FTC 183 SPECIFICATIONS	
Electrical	120, 208, 240 VAC, 60Hz or 230 VAC 50Hz, single phase
Power Consumption	25 watts
Alarm Relay	Isolated from C contacts rated at 10 amps
Environmental	-58 - 122°F (-50 - 50°C)

FTC 435 External Controller



The FTC 435 is a series-fed, current-operated controller that provides an interface for the control of a voltage powered ALS (approach lighting system) based on output levels from a CCR (constant current regulator). Circuitry within the FTC 435 converts sensed series current to the corresponding contact closure, providing intensity control for the ALS.

Models:

- FTC 435 required for interface connections to an internally mounted FTC 415
- FTC 435-1 required for interface connections to an external FTC 183-1

Features:

- Automatic intensity control of voltage powered ALS based on CCR output level
- Eliminates costly installation of intensity control wiring between ALS and control center
- Minimal load impact to CCR; lighting system can be replaced or upgraded without replacing CCR
- Field installation near the ALS reduces installation time and materials cost
- Integrated mode override switch (FTC 435 only) allows field control of the ALS independent of the CCR for service and troubleshooting

NOTE: The FTC 435-1 requires interface with an FTC 183-1 external controller, which uses an integrated mode override switch to provide identical functionality.

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