



TOWER OBSTRUCTION LIGHTING

DUAL OBSTRUCTION AND TOWER LIGHTING

LED & Xenon Lighting Systems - L-864 / L-865

Red & White tower lighting is commonly referred to as Dual, or by the FAA nomenclature as an E-type tower. Medium Intensity red FAA lights at night are designated as L-864, and white FAA lights during the day are designated as L-865. This section details our dual L-864/L-865 obstruction lighting systems. We offer dual Xenon and LED systems that can be used in medium intensity and high intensity applications. Catenary systems are also available. Our products are ETL certified and are widely used throughout the United States, Canada, South America, and Europe.



FTS 370 Vanguard™ LED L-864 /
L-865 Tower Lights and Obstruction
Lighting System

Description

The Vanguard™ II LED tower lighting series is available in dual, white, red, and catenary formats. (L-864, L-865, L-866, L-885). Designed with the customer in mind, the Flash Technology Vanguard II is more robust and easier to install than ever before. New features and options create the most versatile lighting system on the market today.

Features

- ARM™ – Advanced Relay Monitoring – (7) dry contact data points
- ETL Certified
- Eagle 1.0 interface via laptop on-site programming, diagnostics and alarm notification
- Data available for compliance with QLI waiver
- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) Year parts warranty on all Xenon system components including tubes
- RS485 bus for plug and play install to Flash FTW Series Monitoring Systems
- NEMA 4X stainless steel outdoor rated enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 Monitoring & Call Center services
- Wireless synchronization available
- TIA-222G certified for all mounting hardware
- FTB 311 base unit can be configured to interface with existing red system



FTB 324 Dual Medium Intensity
L-864 / L-865 Xenon Obstruction
Lighting System

Description

The FTB 324 is an FAA L865 / L864 system that includes a white xenon flashing light for day, a red xenon flashing light for night and (3) LED markers to create an FAA tower type E1 or E2 for structures between 200' and 500' AGL. An optional upgrade to provide Eagle allows for 24/7/365 monitoring.

Features

- ARM™ – Advanced Relay Monitoring – (8) dry contact data points
- ETL Certified
- Eagle 1.0 interface via laptop on-site programming, diagnostics and alarm notification
- Data available for compliance with QLI waiver
- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) Year parts warranty on all Xenon system components including tubes
- (5) Year warranty on LED marker fixtures
- RS485 bus for plug and play install to Flash FTW Series Monitoring Systems
- NEMA 4X stainless steel outdoor rated enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 & Monitoring Call Center services
- Wireless synchronization available
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 302D Medium Intensity Dual
L-864/L-865 AOL Strobe for High
Intensity Applications

Description

The FTB 302D is an FAA type L-864/L-865 medium intensity dual xenon strobe that provides a white flashing light for day and a red flashing light for night for structures over 500' AGL. For appurtenances on FAA tower types F3 to F6 that are taller than 40' above the main guyed structure.

Features

- Interfaces with the FTC 121 controller
- Integrates with Flash dual High Intensity systems
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) year parts warranty on all xenon system components including tubes
- ETL certified for FAA applications
- Individual strobe tubes for day and night
- NEMA 4X stainless steel outdoor rated enclosure
- Available in multiple input voltages
- Custom installation kits and stamped drawings
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring & Call Center services
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 311L Dual LED & Xenon L-864 /
L-865 Medium Intensity Obstruction
Lighting System with Eagle

Description

The FTB 311L is an FAA L865/L864 system that includes a white xenon strobe for day, a red LED light for night and (3) LED markers to create an FAA tower type E1 or E2 dual for structures between 200' and 500' AGL.

Features

- ARM™ – Advanced Relay Monitoring – (8) dry contact data points
- ETL Certified
- Eagle 1.0 interface via laptop on-site programming, diagnostics and alarm notification
- Data available for compliance with QLI waiver
- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) Year parts warranty on all Xenon system components including tubes
- (5) Year warranty on LED marker fixtures
- RS485 bus for plug and play install to Flash FTW Series Monitoring Systems
- NEMA 4X stainless steel outdoor rated enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 & Monitoring Call Center services
- Wireless synchronization available
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



RED OBSTRUCTION AND TOWER LIGHTING

LED & Xenon Lighting Systems - L-864, L-810, and Catenary

Red tower lighting is referred to by the FAA nomenclature as an A-type tower lighting system and is used only at night on towers up to 2200' (A6). This section details our red L-864 and L-810 obstruction lighting systems. We offer red Xenon and LED systems that can be used in medium intensity and high intensity applications. Catenary systems are also available. Our products are ETL certified and are widely used throughout the United States, Canada, South America, and Europe.



FTS 370r Vanguard™ LED L-864
Tower Lights and Obstruction
Lighting System

Description

Tested by multiple lightning test laboratories, the Vanguard II has a surge suppression rating of 25kA. Connectivity options include cellular for both AT&T and Verizon with supplied monitoring devices as well as an Ethernet port. Now standard on the Vanguard II is the ability to interface with a radar system through DC relay or Modbus. The new versatile enclosure is made out of the same power-coated lightweight aluminum used in the flashhead for easier installation and cooler operating temperatures.

Features

- Combined single flashhead and marker cable for power and communication
- LED By-pass circuitry
- IEC 61000-4-5 Surge Immunity to 25kA
- Single enclosure for power, control, and monitoring with no interlock switch
- Dry Contact Monitoring (Day, Night, Marker, PEC, GPS, Comm, Mode)
- Future Compatibility - Future LED designs require no controller modification for proper monitoring
- Radar Interface

Options

- SMART card enables several options for monitoring and controlling the system remotely while providing full diagnostic information
- *Options available with SMART installed:
- Cellular (3G AT&T or Verizon), Ethernet, SNMP, Modbus, or Eagle Monitoring options
- Wi-Fi provides wireless connectivity onsite for diagnostics and lighting inspections
- GPS Synchronization
- Upgradeable firmware - remote or onsite
- Infrared (IR) for night vision goggle compatibility
- DC Input Option



FTB 314 Red Xenon Medium
Intensity L-864 Tower Light

Description

The FTB 314 is an FAA L864 system that includes a red xenon flashing light for night and LED markers to create FAA tower types A1 to A6 for structures taller than 150' AGL.

Features

- ARM™ - Advanced Relay Monitoring - (8) dry contact data points
- ETL Certified
- Eagle 1.0 interface via laptop on-site programming, diagnostics and alarm notification
- Data available for compliance with QLI waiver
- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) Year parts warranty on all Xenon system components including tubes
- (5) Year warranty on LED marker fixtures
- RS485 bus for plug and play install to Flash FTW Series Monitoring Systems
- NEMA 4X stainless steel outdoor rated enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 4/7/365 Monitoring & Call Center services
- Wireless synchronization available
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTS 361X-5 LED Series L-864
Medium Intensity Red Obstruction
Lighting System

Description

The FTS 361X-5 Series is an FAA L864 system that includes a red LED flashing light for night and LED markers to create FAA tower types A1 to A6 for structures taller than 150' AGL. Call Flash for details on FAA tower types A1 through A6.

Features

- 5 year warranty, 10+ year life expectancy
- Automatic failsafe to night mode and notification if system has not changed modes in 19 hours
- Fresnel optics minimize ground scatter
- L-810 LED marker kit design eliminates conduit
- No EMI or RF
- 24/7/365 Monitoring & Call center services
- Optional: Eagle or Modbus serial connection available for advanced data monitoring
- When monitored by Flash Technology the system qualifies for annual lighting inspections rather than quarterly.



FTS 2201-2 Red LED L-864 Tower
Beacon in AC or DC power with LED
L-810 Markers

Description

The FTS 2201-2 is an FAA L864 system that includes a red LED flashing light for night and (3) LED markers to create FAA tower types A1 or A2 for structures between 150' and 700' AGL.

The FTS 2301-2 A1 is a DC powered FAA L-864 system that includes a red flashing beacon for night and LED markers to create FAA tower type A1 for structures up to 150' and 350' AGL.

Features

- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- ETL Certified
- 5 year warranty
- (3) Dry contact monitoring data point
- Ability to operate markers as flashing or steady burn
- Variable nominal supply voltage 120VAC or 240VAC for FTS 2201
- Manual "ON-Auto-OFF" switch
- Photocell mode control with status indicators
- No EMI or RF
- NEMA 4x outdoor rated enclosure

OPTIONAL: Wireless Synchronization



FTS 2201-2 A0 AC & DC Powered Red
LED using L-810 markers

Description

The FTS 2201-2 LED is an AC powered FAA OL2 (L-810) system that includes red steady burning lights for night to create an FAA tower type A0 for structures up to 150' AGL.

The FTS 2301-2 A0 is a DC powered FAA OL2 (L-810) system that includes LED steady burn markers to create FAA tower type A0 for structures up to 150' AGL.

The FTS 2201-2 is a 120/240 VAC powered system.

The FTS 2301-2 is a 12-48 VDC powered system.

Features

- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- ETL Certified
- 5 year warranty
- (1) Dry contact monitoring data point
- No EMI or RF
- Variable nominal supply voltage 120VAC or 240VAC for the 2201
- Manual "ON-Auto-OFF" switch
- Photocell mode control with status indicators
- NEMA 4x outdoor rated enclosure

OPTIONAL: Wireless Synchronization



FTB 302R Medium Intensity L-864
Xenon AOL Strobe for High
Intensity Applications

Description

The FTB 302R is an FAA L864 system that includes a red xenon flashing light for night. The FTB 302r is an AOL beacon for high intensity applications where a red flashing beacon is needed to compliment a high intensity system.

Features

- Fresnel optics minimizes light scatter
- (2) Year parts warranty on all Xenon system components including tubes
- (5) Year warranty on LED marker fixtures
- NEMA 4X outdoor rated stainless steel enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 Monitoring & Call Center services
- TIA-222 certified for all mounting hardware
- Listed on the FAA Buy American Act registry



LED L-810 Marker Fixtures for Tower
Lights and Obstruction Lighting Systems

Description

The FAA type L-810 LED fixtures are designed to be a direct replacement or retrofit for incandescent L-810 marker lights. It is the most universal, compact, and efficient obstruction light available. Savings are recognized with nominal power consumption. L-810 fixtures can be installed onto existing marker bases without disturbing conduit.

Features

- 5 year warranty
- Available as single or double unit
- 120VAC-240VAC input power or 12-48VDC
- Can be flashed or steady burn
- Thread size: 3/4" NPT
- Utilize existing marker base for easier install
- Operating temperature -40C to +55C
- Weather, corrosion and vibration resistant
- Flash brand FREP power cable



LED L-810 Marker Conversion Kit For
Converting Incandescent Markers
to LED

Description

The LED marker conversion kit converts incandescent markers on Flash FTB 324 & FTB 314 xenon lighting systems to LED. LED fixtures utilize existing marker bases to simplify install. The new red light module replacement provides electronic adjustments for proper marker alarming.

Features

- For Flash FTB 324 and FTB 314 systems only
- (5) year warranty on LED markers
- Reduce tower climbs with long lasting LED
- Power consumption reduced from 116w to 2.7w per marker
- Utilize existing marker bases for easy install



A1 configuration



A0 configuration

Vanguard FTS 371 Medium Intensity RED LED Aviation Obstruction Lighting System

Description

The FTS 371 is a low-power FAA L-810/L-864 red obstruction lighting system for FAA type A0/A1 structures. It meets changing FAA regulations for flashing markers and also complies with FAA L-885 for catenary applications. With LED replacing incandescent lighting and marker power consumption decreasing by as much as 98%, a new approach for accurate monitoring is required. The FTS 371 uses a patent-pending current feedback monitoring technology that will not fluctuate with changes in incoming power and temperature, providing consistent and predictable results. The FTS 371 meets FAA AC 150/5345-43H and can accommodate both AC 70/7460-1K and 1L marker requirements. The system also meets Transport Canada CAR 621.19, ICAO Type B and Type C (6th Edition) and DGAC Mexico.

Features

- Flash rate of 20, 30, 40 or 60 flashes per minute (200 ms flash duration)*
- Infrared beacon LEDs for night vision compatibility
- Mode override switch
- Photodiode control with alarm inhibit option
- (1) dry contact relay (master alarm)
- Support for up to 4 markers and 1 beacon
- (5) year warranty

GENERAL SPECIFICATIONS

Input Voltage	85-265 VAC at 50/60 Hz 12-48 VDC $\pm$ 10% (12 VDC for markers only)
FH Aerodynamic Wind Area	99.125 in ²
Protection Rating	IP65, NEMA 4X
Certifications	  

Component	Dimensions	Weight	
Polycarbonate Controller	7.8 x 8.25 x 4" (198.1 x 209.5 x 101.6 mm)	AC/DC	2.1 lbs. (0.95 kg)
Flashhead	15.75" dia. x 7.5" (400 dia. x 190.5 mm)	AC/DC	25.6 lbs. (11.7 kg)
Marker (Single L-810)	9" x 2.75" x 2.13" (228.6 x 69.9 x 54.1 mm)	DC	1.6 lbs. (0.7 kg)
OL2 (Double L-810)	11.0" x 5.0" x 8.75" (279.4 x 127 x 222.25 mm)	DC	5.4 lbs. (2.45 kg)

Power Consumption (Watts)				
		20 fpm	30 fpm	Steady
FTC 371	AC	0.9	0.9	0.9
	DC	0.8	0.8	0.8
FH 371	AC	4.0	5.3	30
	DC	4.0	5.3	30
Marker 371 (Single L-810)	DC	-	0.5	2.5
OL2 (Double L-810)	DC	-	1.0	5.0



A1 configuration



A0 configuration

Vanguard FTS 371 SMART Medium Intensity RED LED Aviation Obstruction Lighting System

Description

The FTS 371 SMART is a low-power FAA L-810/L-864 red lighting system for FAA type A0/A1 structures. It meets changing FAA regulations for flashing markers and also complies with FAA

L-885 for catenary applications.

With LED replacing incandescent lighting and marker power consumption decreasing by as much as 98%, a new approach for accurate monitoring is required. The FTS 371 uses a patent-pending current feedback monitoring technology that will not fluctuate with changes in incoming power and temperature, providing consistent and predictable results.

The FTS 371 SMART meets FAA AC

150/5345-43H and can accommodate both AC 70/7460-1K and 1L marker requirements. The system also meets Transport Canada CAR 621.19, ICAO Type B and Type C (6th Edition) and DGAC Mexico.

Features

- Flash rate of 20, 30, 40 or 60 flashes per minute (200 ms flash duration) *
- Infrared beacon LEDs for night vision compatibility
- Mode override switch
- Photodiode control with alarm inhibit option
- Modbus RTU Serial RS-485
- (4) dry contact relays (PHD, BCN and MKR alarms, MODE status relay)
- Support for up to 8 markers and 2 beacons for AC; 1 beacon for DC
- Sync input/output interconnects multiple boards for sync without GPS
- (5) year warranty

System Options

- Negative 24-48VDC $\pm$ 10% (Isolated DC Power Supply)
- GPS Synchronization
- Powder Coated Aluminum Enclosure i SNMP Monitoring through FTM 190 i Infrared Marker LEDs

GENERAL SPECIFICATIONS

Input Voltage	85-265 VAC at 50/60 Hz 12-48 VDC $\pm$ 10% (12 VDC for markers only)
FH Aerodynamic Wind Area	99.125 in ²
Protection Rating	IP65, NEMA 4X
Certifications	  

Component	Dimensions	Weight
Polycarbonate Controller	10" x 8" x 6" (254 x 203.2 x 152.4 mm)	AC 5.6 lbs. (2.54 kg)
		DC 4.9 lbs. (2.22 kg)
Aluminum Controller	16.1" x 10.5" x 4.9" (408.9 x 266.7 x 124.5 mm)	AC 9.5 lbs. (4.3 kg)
		DC 8.8 lbs. (4 kg)
		(-) 24 VDC 10.7 lbs. (4.8 kg)
		(-) 48 VDC 10.7 lbs. (4.8 kg)
Flashhead	15.75" dia. x 7.5" (160 dia. x 190.5 mm)	AC/DC 25.85 lbs. (11.7 kg)
Marker (Single L-810)	9" x 2.75" x 2.13" (228.6 x 69.9 x 54.1 mm)	DC 1.6 lbs. (0.7 kg)
OL2 (Double L-810)	11.0" x 5.0" x 8.75" (279.4 x 127 x 222.25 mm)	DC 5.40 lbs. (2.45 kg)

Power Consumption (WATTS)				
		20 fpm	30 fpm	Steady
FTC 371	AC	3.8	3.8	3.8
	DC	1.3	1.3	1.3
FH 371	AC	4.0	5.3	30
	DC	4.0	5.3	30
Marker 371 (Single L-810)	DC	-	0.5	2.5
OL2 (Double L-810)	DC	-	1.0	5.0

WHITE OBSTRUCTION AND TOWER LIGHTING

LED & Xenon Lighting Systems - L-865 and Catenary

White medium intensity tower lighting is referred to by the FAA nomenclature as a D-type tower. White medium intensity lighting systems utilize white lighting in day and night mode. White lighting systems are approved for use on towers above 200' and not more than 500'. Flash Technology offers a white system for D-1 and D-2 towers in either Xenon or LED configuration. This section details our White L-865 obstruction lighting systems. We offer white Xenon and LED systems that can be used in medium intensity and high intensity applications. Catenary systems are also available. Our products are ETL certified and are widely used throughout the United States, Canada, South America, and Europe.



FTS 370 Vanguard™ LED L-865
Tower Lights and Obstruction
Lighting System

Description

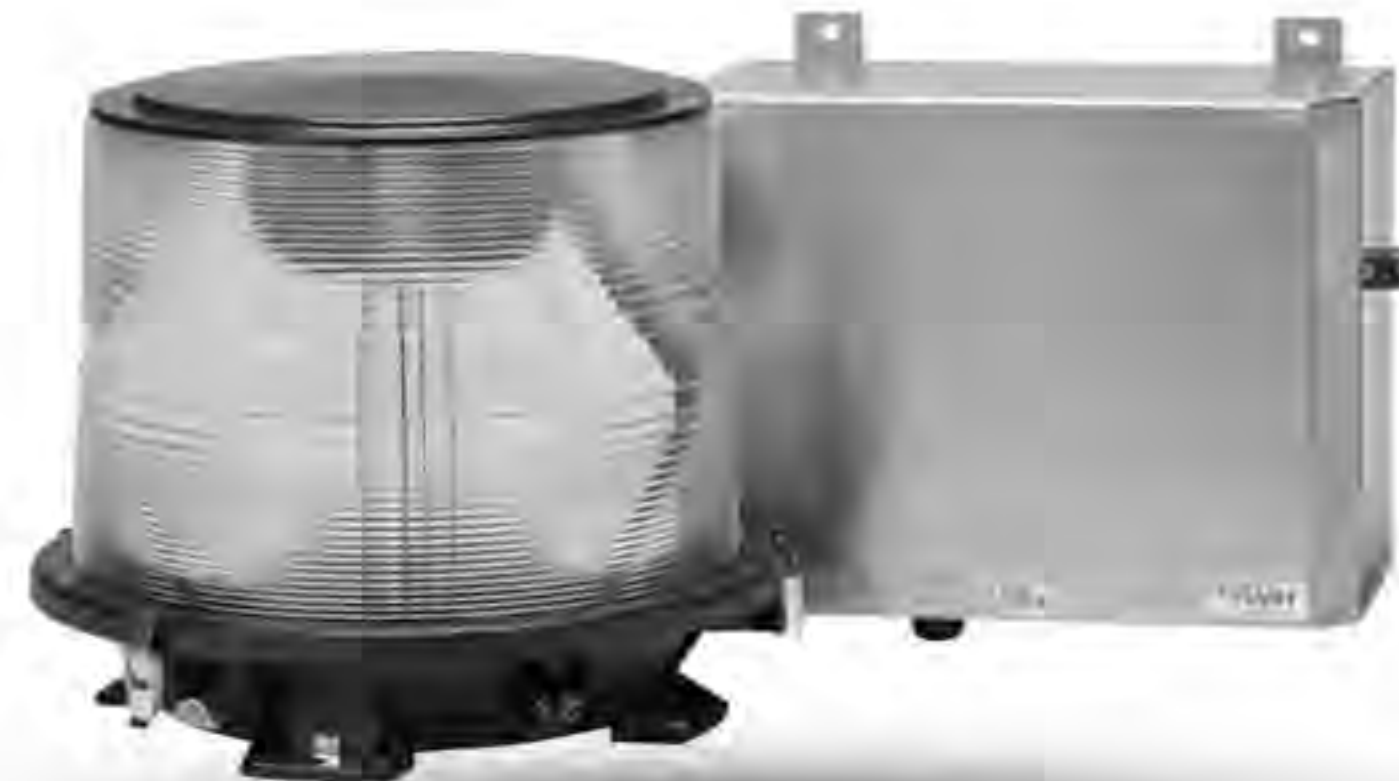
The Vanguard™ II is a split system with multiple features and options to create the most versatile lighting system on the market today.

Features

- Combined single flashhead cable for power and communication
- LED By-pass circuitry
- IEC 61000-4-5 Surge Immunity to 25kA
- Single enclosure for power, control, and monitoring with no interlock switch
- Dry Contact Monitoring (Day, Night, Marker, PEC, GPS, Comm, Mode)
- Future Compatibility - Future LED designs require no controller modification for proper monitoring
- Radar Interface

Options

- SMART card enables several options for monitoring and controlling the system remotely while providing full diagnostic information
- *Options available with SMART installed:
 - Cellular (3G AT&T or Verizon), Ethernet, SNMP, Modbus, or Eagle Monitoring options
 - Wi-Fi provides wireless connectivity onsite for diagnostics and lighting inspections
 - GPS Synchronization
 - Upgradeable firmware - remote or onsite
 - Infrared (IR) for night vision goggle compatibility
 - DC Input Option



FTB 310 Medium Intensity White
L-865 Xenon Tower Light

Description

The FTB 310 is an FAA L865 system that includes a white xenon flashing light for day and night to create an FAA tower type D1 or D2 for structures between 200' and 500' AGL.

An optional upgrade to provide Eagle allows for 24/7/365 monitoring.

Features

- ARM™ – Advanced Relay Monitoring – (7) dry contact data points
- ETL Certified
- Eagle 1.0 interface via laptop on-site programming, diagnostics and alarm notification
- Data available for compliance with QLI waiver
- Automatic fail safe to day mode and notification if system has not changed states in 19 hours
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) Year parts warranty on all Xenon system components including tubes
- RS485 bus for plug and play install to Flash FTW Series Monitoring Systems
- NEMA 4X stainless steel outdoor rated enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 Monitoring & Call Center services
- Wireless synchronization available
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 302 Medium Intensity L-865
Xenon AOL Strobe for High
Intensity Applications

Description

The FTB 302 is an FAA type L-865 medium intensity white xenon strobe that provides a white flashing light for day and night for structures over 500' AGL. For appurtenances on FAA tower types C3 to C6 that are taller than 40' above the main guyed structure.

Features

- Interfaces with the FTC 121 and the FTC 140 controllers
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) year parts warranty on all xenon system components including tubes
- ETL certified for FAA applications
- NEMA 4X stainless steel outdoor rated enclosure
- Available in multiple input voltages
- Custom installation kits and stamped drawings
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring Call Center services
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry

HIGH INTENSITY OBSTRUCTION AND TOWER

LED & Xenon Lighting Systems - L-864, L-865, and L-856

High intensity tower lighting is referred to by the FAA as C-type or F-type towers. C-type towers refer to high intensity systems utilizing white lighting for day and night. C-type towers utilize a white AOL L-865 beacon and multiple white L-856 high intensity strobes depending on tower height. F-type towers refer to high intensity systems utilizing white lighting during the day and red lighting during the night. F-type towers utilize a dual AOL L-864/L-865 beacon, multiple red L-864 beacons and multiple white L-856 high intensity strobes depending on tower height. We offer red and white Xenon and LED systems that can be used in high intensity applications. Catenary systems are also available.



FTB 302D Medium Intensity Dual L-864/L-865 AOL Strobe for High Intensity Applications

Description

The FTB 302D is an FAA type L-864/L-865 medium intensity dual xenon strobe that provides a white flashing light for day and a red flashing light for night for structures over 500' AGL. For appurtenances on FAA tower types F3 to F6 that are taller than 40' above the main guyed structure.

Features

- Interfaces with the FTC 121 controller
- Integrates with Flash dual High Intensity systems
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) year parts warranty on all xenon system components including tubes
- ETL certified for FAA applications
- Individual strobe tubes for day and night
- NEMA 4X stainless steel outdoor rated enclosure
- Available in multiple input voltages
- Custom installation kits and stamped drawings
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring & Call Center services
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 204 High Intensity L-856 Xenon Obstruction Light - Split Enclosure

Description

The FTB 204 is an FAA type L-856 high intensity white xenon strobe system that provides a white flashing light for day, twilight and night for structures over 500' AGL. For FAA tower types B3 to B6 and C3 to C6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- 30' separation between PC and FH locates 90% of electronics in an ozone free environment resulting in extended component life
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring Call Center services
- TIA-222G certified for all mounting hardware



FTB 302R Medium Intensity L-864 Xenon AOL Strobe for High Intensity Applications

Description

The FTB 302R is an FAA L864 system that includes a red xenon flashing light for night. The FTB 302r is an AOL beacon for high intensity applications where a red flashing beacon is needed to compliment a high intensity system.

Features

- Fresnel optics minimizes light scatter
- (2) Year parts warranty on all Xenon system components including tubes
- (5) Year warranty on LED marker fixtures
- NEMA 4X outdoor rated stainless steel enclosure
- Accommodates 120-240 VAC 50/60 Hz
- 24/7/365 Monitoring & Call Center services
- TIA-222 certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 302 Medium Intensity L-865
Xenon AOL Strobe for High
Intensity Applications

Description

The FTB 302 is an FAA type L-865 medium intensity white xenon strobe that provides a white flashing light for day and night for structures over 500' AGL. For appurtenances on FAA tower types C3 to C6 that are taller than 40' above the main guyed structure.

Features

- Interfaces with the FTC 121 and the FTC 140 controllers
- Fresnel optics minimizes light scatter
- (12) LED indicators to convey operating status
- (2) year parts warranty on all xenon system components including tubes
- ETL certified for FAA applications
- NEMA 4X stainless steel outdoor rated enclosure
- Available in multiple input voltages
- Custom installation kits and stamped drawings
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring Call Center services
- TIA-222G certified for all mounting hardware
- Listed on the FAA Buy American Act registry



FTB 204X High Intensity L-856 Xenon
Tower Light - Split Enclosure (High
Separation)

Description

The FTB 204X is an FAA type L-856 high intensity white xenon strobe system that provides white flashing lights for day, twilight and night for structures over 500' AGL. For FAA tower types B3 to B6 and C3 to C6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120° horizontal beam
- Extended separation between PC and FH allowing antenna operation during most maintenance
- 90% of electronics including capacitors are in ozone free environment resulting in extended component life
- Power converter can be located outside RF field
- Full System includes EagleSmart controller, handheld programmer & software
- NEMA 4X stainless steel outdoor rated enclosure
- Custom installation kits and stamped drawings—see flip side
- 24/7/365 Monitoring & Call Center services
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- (2) year warranty on all parts including tubes
- Listed on the Buy American Act registry



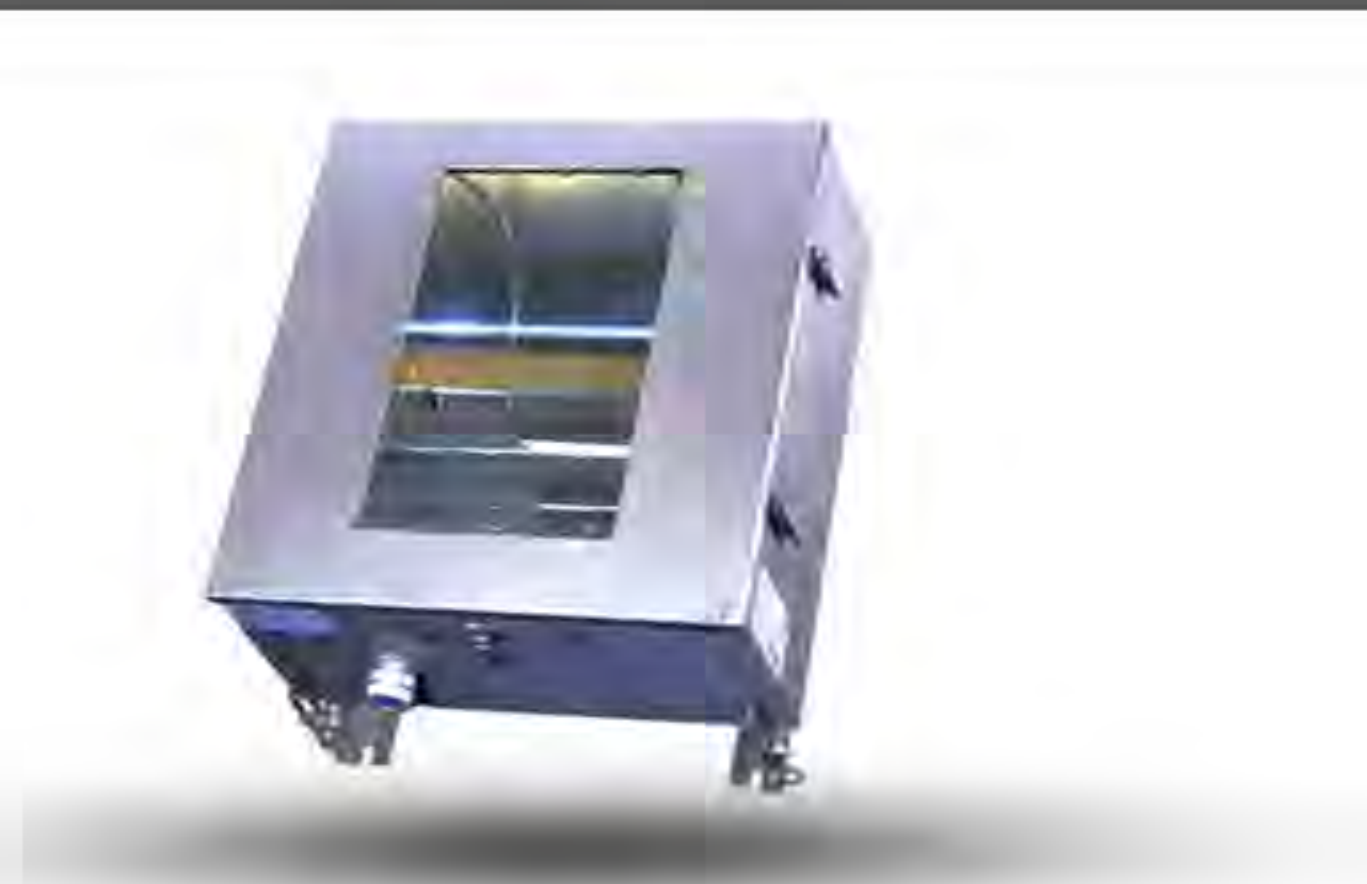
FTB 205 High Intensity Xenon L-856
Tower & Obstruction Light - Single
Enclosure

Description

The FTB 205 is an FAA type L-856 high intensity white xenon strobe system that provides white flashing lights for day, twilight and night for structures over 500' AGL. For FAA tower types B3 to B6 and C3 to C6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- Single enclosure for power converter and flashhead for weight and wind load considerations
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121



FTB 208 High Intensity Xenon
L-857 Tower Light - Catenary

Description

The FTB 208 is an FAA type L857 that provides a white strobe for day and night for structures more than 500' AGL supporting overhead cables and wires suspended over canyons, valleys or waterways. The system is comprised of three lighting levels. The flash sequence is middle -- top -- bottom, with the interval between the top and bottom flashes equal to twice the interval between the middle and top flashes. The Flash Technology 121 system controller adds hardware which allows for Eagle SMART monitoring & diagnostics.

Features

- ETL certified for FAA applications
- Single enclosure for power converter and flashhead for weight and wind load considerations
- Available in multiple input voltages
- Complete system includes EagleSmart controller, handheld programmer & software
- NEMA 4X stainless steel outdoor rated enclosure
- Optional GPS Synchronization
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTS connection to FTC 121
- (2) year warranty on all parts including tubes
- Listed on the Buy American Act registry



FTB 204D High Intensity Dual LED &
Xenon L-856/L-864 Obstruction Light
System

Description

The FTB 204D is an FAA type L-856/L-864 high intensity strobe system that provides white flashing lights for day and twilight and red LED flashing lights for night for structures over 500' AGL. For FAA tower types F3 to F6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- Up to 30' separation between PC and FH locates 90% of electronics in an ozone free environment resulting in extended component life
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- (5) year warranty on LED fixtures
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTS connection to FTC 121
- 24/7/365 Monitoring & Call Center services
- TIA-222G certified for all mounting hardware



FTB 204XD Dual LED & Xenon
L-856/L-864 High Intensity Obstruction
Light - Split Enclosure

Description

The FTB 204X is an FAA type L-856/L-864 high intensity strobe system that provides white flashing lights for day and twilight and red LED flashing lights for night for structures over 500' AGL. For FAA tower types F3 to F6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120° horizontal beam
- Extended separation between PC and FH allowing antenna operation during most maintenance
- 90% of electronics including capacitors are in ozone free environment resulting in extended component life
- Power converter can be located outside RF field
- Full System includes EagleSmart controller, handheld programmer & software
- Available in multiple input voltages
- NEMA 4X stainless steel outdoor rated enclosure
- Custom installation kits and stamped drawings—see flip side
- 24/7/365 Monitoring & Call Center services
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTS connection to FTC 121
- (2) year warranty on all xenon parts including tubes
- (5) year warranty on LED fixtures



FTB 205D High Intensity Dual LED
& Xenon L-856/L-864 Obstruction
Lighting System - Single Enclosure

Description

The FTB 224 is an FAA type L-856/L-864 high intensity dual xenon strobe system that provides a white flashing light for day and twilight and a red flashing light for night for structures over 500' AGL. For FAA tower types F2 to F6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- Single enclosure for power converter and flashhead for weight and wind load considerations
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- (5) year warranty on LED fixtures
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring Call Center services



FTB 224 Dual High Intensity Xenon
L-856/L-864 Obstruction Lighting
System - Split Enclosure

Description

The FTB 224 is an FAA type L-856/L-864 high intensity dual xenon strobe system that provides a white flashing light for day and twilight and a red flashing light for night for structures over 500' AGL. For FAA tower types F3 to F6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- Up to 30' separation between PC and FH allowing antenna operation during most maintenance
- 90% of electronics including capacitors are in an ozone free environment resulting in extended component life
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121
- 24/7/365 Monitoring Call Center services
- TIA-222G certified for all mounting hardware



FTB 225 High Intensity Dual Xenon
L-856/L-864 Obstruction Lighting
System - Single Enclosure

Description

The FTB 225 is an FAA type L-856/L-864 high intensity dual xenon strobe system that provides a white flashing light for day and twilight and a red flashing light for night for structures over 500' AGL. For FAA tower types F3 to F6.

Features

- ETL certified for FAA applications
- Certified unidirectional 120 degree horizontal beam
- Single enclosure for power converter and flashhead for weight and wind load considerations
- Available in multiple input voltages
- System includes EagleSmart controller, handheld programmer and software
- Custom installation kits and stamped drawings
- NEMA 4X stainless steel outdoor rated enclosure
- (2) year warranty on all system components including tubes
- Component level technical support 7am-7pm CST M-F
- Remote diagnostics with POTs connection to FTC 121

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