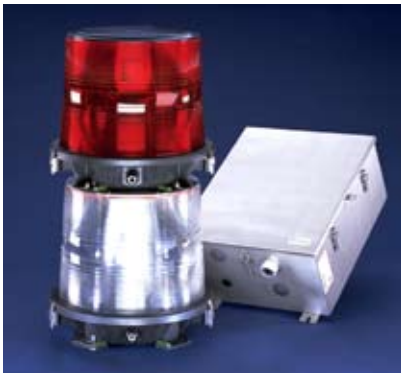


# *XENON DUAL RED/WHITE BEACON - Medium Intensity*

## *(L-865 / L-864)*

**Certified to:** FAA AC 150/5345-43F: L-864 & L-865

**Compliant to:** FCC Rules & Regulations  
 Canadian Standards Association (CSA)  
 ICAO Type A (white) or B (red)



### APPLICATION

The FTB-324 is a medium intensity Red/White dual beacon system that provides a white beacon for day operation and a red beacon for night operation. This system is designed to light structures up to 500' high. A single beacon provides 360 degree coverage for structures up to 350'. Three beacons provide proper marking for structures between 351' and 500' high. The beacon is available in 60 Hz or 50 Hz power options. Power consumption is 90% less than conventional incandescent beacons.

The beacon is operated on a continuous 24-hour basis generating 20,000 effective candelas during the white daytime/twilight period and automatically reduces to 2,000 effective candelas during the red night period.

### FEATURES / BENEFITS

- FAA approved L-864 & L-865
- Meets or exceeds ICAO specifications
- Power consumption is 90% less than conventional incandescent beacons
- Low operating and maintenance costs with long life flashtubes
- Power supply includes 12 LED indicators to convey operating status
- NEMA 4X stainless steel enclosure
- Special circuitry eliminates the lens failure due to ozone corrosion common to other beacons
- Horizontal 360° and vertical 5° beam spread
- Very narrow, controlled beam
- Smallest size and wind loading
- AC or DC operation available
- Remote alarm indication

### OPTIONS

- A - Standard system, including full alarm capabilities:
- White (L-865) alarm after three consecutive missed flashes
  - Red (L-864) alarm after three consecutive missed flashes; incorrect intensity; photoelectric control (PEC) failure; mode status
  - Red (L-810) side marker light alarm

### ELECTRICAL RATINGS

| MODE           | FLASH RATE<br>(FLASHES PER MINUTE) | POWER USED |
|----------------|------------------------------------|------------|
| Day / Twilight | 40                                 | 130 W      |
| Night          | 20                                 | 145 W      |

### ORDERING INFORMATION

| PART NUMBER  | DESCRIPTION   | VOLTAGE* |
|--------------|---|----------|
| FTB-324-LITE | Medium Intensity Dual Beacon - Standard                       | 120 VAC  |
| FTB-324 A    | Medium Intensity Dual Beacon with Enhanced Alarm Capabilities | 120 VAC  |
| PEC 510      | Photocell   | N/A      |
| 6340         | Strobe Cable  | N/A      |

\* Specify when ordering if voltage required is other than 120 VAC