

# LONESTAR FAA MEDIUM INTENSITY OBSTRUCTION LIGHT

FAA-L864/865 Dual Red/White with IR



## Overview

The LONESTAR is an FAA Type L864/865 medium intensity flashing LED obstruction beacon when utilized with our LC-STAR controller meets and exceeds FAA requirements and is designed for reliable day and night time marking of structures. This light integrates a robust mechanical structure and modular electronics with the most advanced LED optics and controls creating the cleanest installation by only requiring a single controller and cable, making this the easiest lighting system to maintain and operate in the industry.

The modular electronics allow for field repairs. This medium intensity flashing beacon is capable of accepting AC or DC input power and offers the first ever optional power supply available in the beacon or in the controller.

## Performance

- Effective intensity 2000cd white, 2000cd red and 246mW/sr IR Radiant
- Horizontal beam coverage 360 degrees
- Vertical beam coverage 3 degree
- Form "C" failure alarm
- LED Temp Comp

General Specifications	
Operating Voltage	120-240 VAC
Frequency	50/60 Hz
Beacon Dimensions LxWxH	18.5" x 18.5" x 8.5" in. (469.9 x 469.9 x 215.9 mm.)
Beacon Weight	36 lbs. (16.3 kg.)
Controller Dimensions LxWxH	15.75" x 15.75" x 7.8" in. (400 x 400 x 198mm.)
Controller Weight	25 lbs. (11.4 kg.)
Protection Rating	NEMA 4 IP66
Operating Temperature Range	-67°F to +130°F (-55°C to +55°C)
Power Consumption	Night > 15 watts Day > 35 watts

## Key Features

- Five-year warranty
- Electronics available in light fixture or at ground level
- Modular design, easy access to all components
- Simpler cable installation
- Low power consumption
- 15-20 years of operation
- Infra-red (IR) included
- Transient protection per IEEE c62.41-1991
- Optional GPS synchronization
- Optional DC power supply

## Standards and Certifications

- FAA AC70/7460-1M
- ICAO Annex 14 Volume 2
- CAR 621
- DGAC

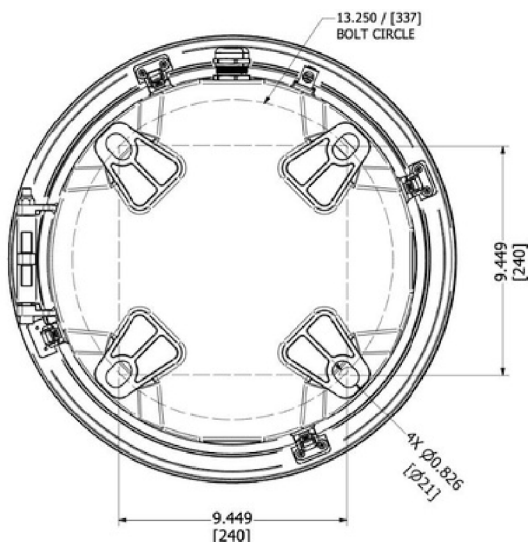


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## Lonestar Mounting Dimensions



## Flashes Per Minute

Product	Night	Day
L864-IR (Red)	30	-
L865-IR (White)	40	40
L864-IR/L865 (Red/White)	30	40

## Power Consumption @ 20°C

Product	Night	Day
L864-IR (Red)	12.5 W	1 W
L865-IR (White)	7.5 W	32 W
L864-IR/L865 (Red/White)	12.5 W	32 W

## Optional Monitoring Features

### Monitoring Features

- 10 additional alarm inputs
- Cabinet access alarm
- SNMP programming Get/Sets
- SNMP traps for alarms
- System operation event history record
- Manual control override of connected lights
- Cabinet temperature
- Backup battery discharge protection
- Real-time clock / Eprom for configuration
- 0-30 VDC analog monitoring ports

### Monitoring Options

- GPRS/CDMA wireless modem
- Ethernet TCP/IP modem

### Monitoring Services

- FCC QLI Compliant
- TWR Web Portal provides online access to review your monitored sites
- Automatic email notification of NOTAM status changes.
- TWR NOC full reporting monitoring service
- HIMS (Hark Independent Monitoring Service) (Client-monitored)

### Installation

- Installation and Maintenance services available

