

REDSTAR LED Beacon

"The only beacon you'll need"

Medium Intensity Obstruction Light:

REDSTAR - FAA-L864 Red w/IR

TWR



Overview

The REDSTAR Series are medium intensity flashing LED obstruction beacons designed for reliable night time marking of Wind Turbines and MET Towers. This light integrates a robust mechanical structure and modular electronics with the most advanced LED optics and controls creating the cleanest installation.

The modular electronics allow for field repairs. This medium intensity flashing beacon is capable of accepting AC or optional DC input power and offers ADLS functionality without the need for mounted controller within the wind nacelle.

Standards and Certifications

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

Performance

- Effective intensity 2,000cd 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 (Optional: 24-48 VDC)
Frequency	50/60 Hz
Beacon Dimensions LxWxH	11 x 11 x 8.5 in. (280 x 280 x 216 mm.)
Beacon Weight	13 lbs. (5.9 kg.)
Mounting Dimensions	Every 90° on a 13 1/4 in. bolt circle
Operating Temperature Range	-67°F to +130°F (-55°C to +55°C)
Power Consumption	Night <15 watts

Key Features

- Five-year warranty
- Electronics in light fixture
- Modular design, easy access to all components
- Built in ADLS function
- Low power consumption
- 15-20 years of operation
- Infra-red (IR) included
- Transient protection per IEEE C62.41-1991
- GPS synchronization
- DC power supply

