

C1D2 L-864/L-865

UNI-HAZ™ LED Dual Medium Intensity Red/White Beacon L-864/L-865 Class I, Div. 2, Groups B, C, D for hazardous locations

Complies To: FAA AC 150/5345-43H | FAA Engineering Brief No. 67
Class I Div.2 Groups B, C, D | ICAO (Annex 14 - Fourth Edition, July 2004)
ICAO Aerodromes Design Manual, Chapter 18. Qualified by: Interlek ETL



Application

The UNI-HAZ™ all LED medium intensity White Strobe and Red Beacon for hazardous locations is designed for the lighting of chimneys, silos, flarestacks and other obstructions to aerial navigation as specified by the FAA and FCC.

The UNI-HAZ™ Dual L864/L865 uses LED technology for light output for both the Red Beacon and the White Strobe.

Unlike conventional Xenon Flashtube technology, no purging is required, resulting in little or no maintenance during its lifetime. Working voltages of less than 200 VDC are significantly less than those of Xenon flashtube designs. Therefore, this system represent an advance in safety. The UNI-HAZ™ Dual L-864 / L-865 LED Beacon operates from a number of different voltages.

The power supply/control box can be located up to 550 Ft away from the light engine, such as at the base of the tower.

System Component Parts

Dual Flashead	Cable (Optional)
12004-DHZBH4DC	9802-004

Key Features

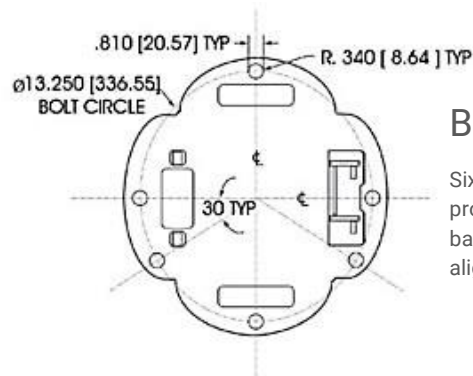
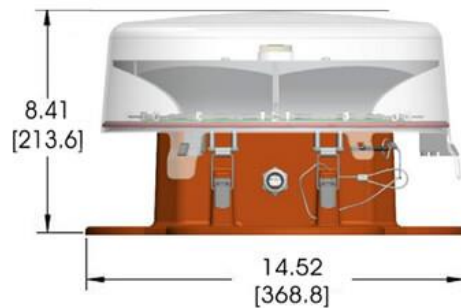
- No purging required
- 20,000cd nominal daytime white; 2,000cd nighttime red
- Designed to replace Dual Xenon Strobe Units: FAA type L865/L864; ICAO Medium Intensity Type A/B
- Resistant to shock and vibration
- Universal 100/230 VAC input; 50/60 Hz
- Can be controlled and monitored by Unimar DLS1 lighting control system
- Eliminates high voltage parts and issues associated with traditional strobes
- Dramatically reduces cable sizing requirements
- Innovative Temperature Management System (TMS) to ensure longevity of LEDs
- Meets or exceeds industry EMI/RFI standards
- Flashhead: IP66 / NEMA 4X, Class I, Div.2
- Controller: IP66 / NEMA 7/ 4 rated; NEMA 4x Optional

Meets US Fish & Wildlife Services recommendation for proposed rule meeting the FCC standards (WT Docket No 03-187, FCC 06-164) regarding the protection of migratory birds

Specifications

Operating Voltage:	120VAC, 240VAC, -48VDC 50/60 Hz power factor
Wattage:	White Day 90W White Night 35W Red Night 25W
Candela:	White Day 20,000 cd White Night 2,000 cd Red Night 2,000 cd
Power Factor:	> .9
Operating Temp:	-40° F to +131° F (-40° C to +55° C)
Temperature Code:	T5*
Synchronization:	Multiple unit sync from single controller (see Unimar Synchronized Flasher Control-SFC)
Warranty:	5 years

Light Engine - Mechanical Dimensions



Base (Bottom View)

Six (6) mounting holes are provided on the Light Engine base. These mounting holes will align with most tower pedestals.