

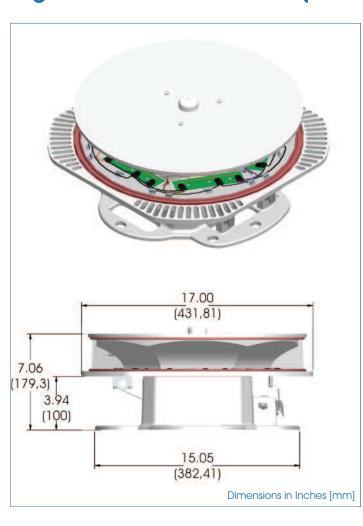
## Certified to:

FAA AC NO: 150/5345-43F FAA Engineering Brief No. 67

**Qualified By:**Intertek ETL

US Patent #7,281,821 other patents pending

## Vigilant™ L-866/L-885 LED (White/Red) Catenary Strobe



## **Application:**

The Dialight Vigilant™ L-866 / L-885 Catenary White Strobe and Red Beacon is designed to be incorporated into medium intensity L-866 and flashing red obstruction L-885 systems. Applications include the lighting of structures supporting overhead cables above canyons, valleys and waterways as specified by the FAA. The Dual L-866 / L-885 uses LED technology for light output for both the Red Beacon and White Strobe.

Unlike conventional Xenon flashtube technology, little or no maintenance is required during its lifetime. Working voltages of less than 200VDC are significantly less than those of Xenon flashtube designs; therefore, this system represents an advance in safety. The Dialight Dual L866 / L885 LED beacon operates from a 120/240 VAC, 50/60 Hz supply. The power supply / control box can be located up to 550 ft away.

## Order code:

D1RW-L13-008 120 - 240 VAC FAA Catenary Strobe

Flashhead Weight: 28 lbs

**Operating Voltage:** Universal 120/240 VAC, 50/60Hz

power factor corrected supply

Candela: White Day 20,000 cd White Night 2,000 cd

Red Night 2,000 cd

Wattage: White Day 120W

White Night 20W Red Night 45W

Power Factor: >0.9

**Ambient Temp:**  $-40^{\circ}\text{F to } +131^{\circ}\text{F } (-40^{\circ}\text{C to } +55^{\circ}\text{C})$ 

Max. Flash rate: 60FPM

**Synchronization:** Multiple unit sync from single controller (Operates with other manufacturers of GPS sync devices)

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

http://www.dialight.com/Assets/Brochures And Catalogs/Signaling/MDTFD1RWLX001.pdf

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