

# Dialight



## Certified to:

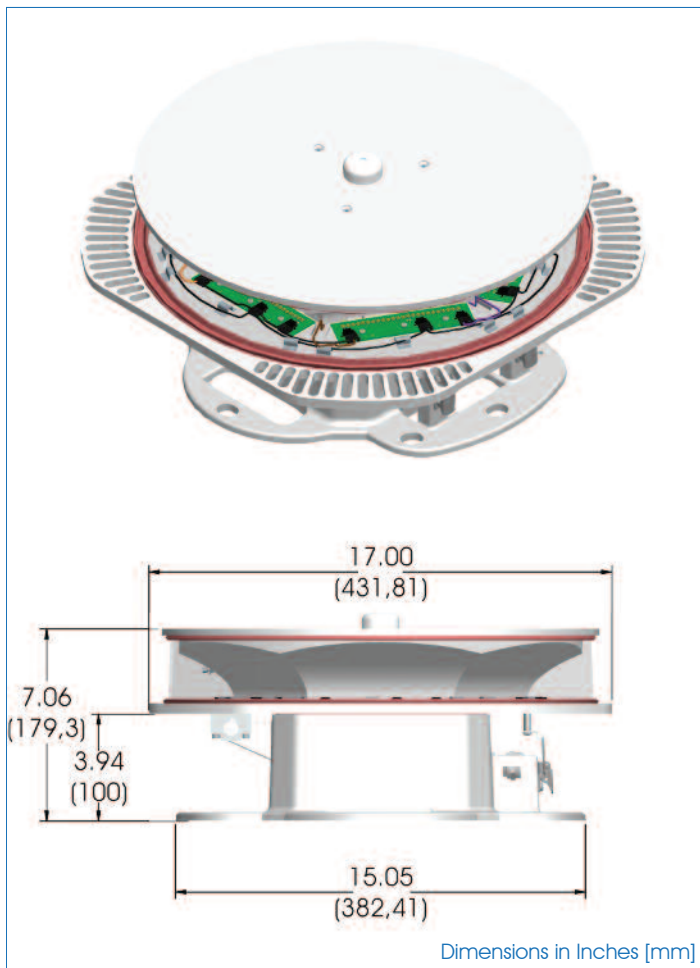
FAA AC NO: 150/5345-43F  
FAA Engineering Brief No. 67

## 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°F to +131°F (-40°C to +55°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.

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