

# Dialight



## Certified to:

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

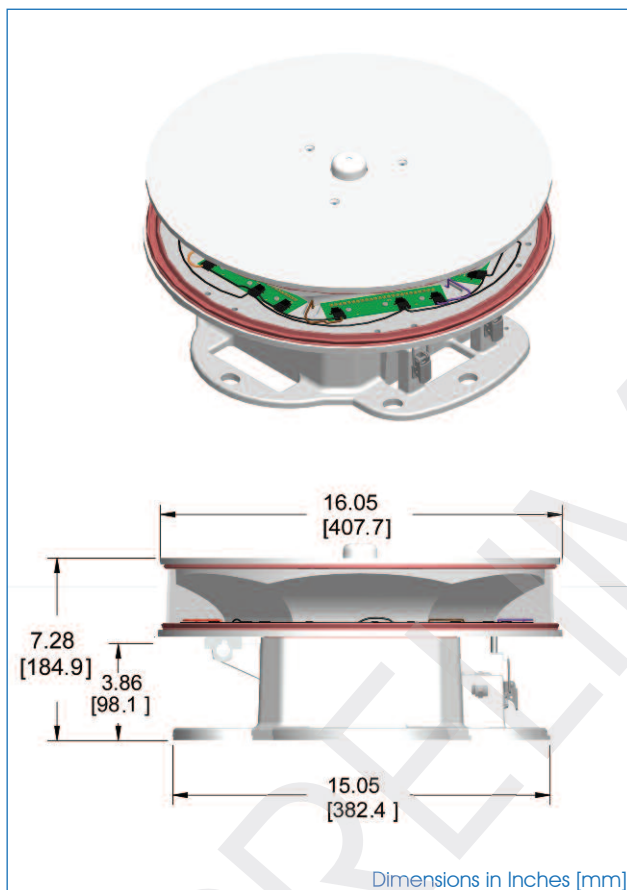
## Compliant to:

ICAO Annex 14, 4th Edition, July 2004  
ICAO Aerodromes Design Manual, Chapter 18

**Qualified By:**  
Intertek ETL

US Patent #7,281,821  
other patents pending

## LED Based L865 Flashing White Strobe > FAA



### Application:

The all LED Dialight Medium Intensity White Strobe is designed for the lighting of radio towers, wind generators and other obstructions to aerial navigation, as specified by the FAA and FCC. The L865 uses LED technology for light output from 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 L865 LED beacon operates from a 100/230VAC 50/60 Hz supply. 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.

### Order code:

D165-C13-008      FAA White only

**Flashhead Weight:**      26 lbs

**Operating Voltage:**      Universal 100/240 VAC 50/60Hz  
power factor corrected supply

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

**Wattage:**      White Day      90W  
White Night      35W

**Power Factor:**      >0.9

**Operating Temp:**      -40°F to +131°F (-40°C to +55°C)

**LEDs:**      130 1m Cree XPG x 120 (White)

**Number of strings:**      4 Strings White

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