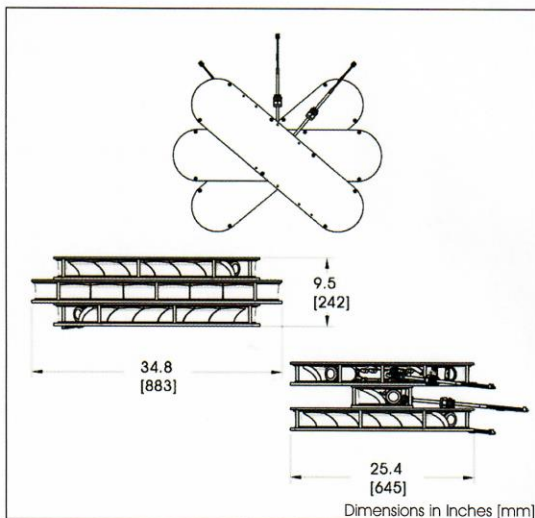


US Patent #7,281,821 (other patents pending)

## Vigilant® LED Based L-856 / L-864 High Intensity (White / Red) Strobe



### Certifications & Ratings

- FAA AC 150/5345-43G
- IP 66

### Qualified By

- Intertek ETL

### Compliant To

- Transport Canada CAR 621.19
- ICAO Annex 14
- DGAC Mexico



### Application:

The Dialight Vigilant® High Intensity White / Red Strobe is the first all LED L-856 / L-864 units designed for the lighting of communication towers, chimneys, smoke stacks, broadcast towers and other tall obstructions to aerial navigation, as specified by the FAA. A high intensity system consists of 3 flash heads, 3 power supplies per level and 1 controller for the entire system. The flash heads will be placed on up to six levels of the structure for a maximum of 18 synchronized flash heads for a single tower. The 3 flash heads per level will provide 360 degrees of coverage.

Unlike conventional Xenon flashtube technology, Dialight's LED system provide years of maintenance free service, drastically reducing costs associated with tower climbs. Working voltages of less than 200V DC are significantly less than those of Xenon flashtube designs and use of LED technology also provides a more shock and vibration resistant design ensure consistent flash intensity every time.

Flash head Weight:	63 lbs (30 kg)
Operating Voltage:	208 - 277V AC 50/60Hz
Effective Intensity:	White Day 270,000 cd White Twilight 20,000 cd White Night 2,000 cd Red 2,000 cd
Wattage:	White Day 220W White Twilight 40W White Night 30W Red Night 30W
Power Factor:	>0.9
Ambient Temp:	-40°F to +131°F (-40°C to +55°C)
Synchronization:	Multiple units sync from single controller

Part Number	Description	Voltage	Certification / Compliance
D266-A57-270	Flash Head and Power Supply	208-277V AC	FAA (TC) L-864 / L-856
D266-A57-CTR	Base Controller with Display (for use with DC side markers)	208-277V AC	FAA (TC) L-864 / L-856
D266-A57-CTRAC	Base Controller with Display (for use with AC side markers)	208-277V AC	FAA (TC) L-864 / L-856
D256-6000-PEC	Twilight / Night Photocell with Enclosure and 3/4 inch Conduit Entry		FAA (TC) L-864 / L-856
D156-6001JBX	Level Junction Box		FAA (TC) L-864 / L-856
D1RW-C13-009	Antenna Obstruction Light (AOL) Flash Head and Power Supply - 8 Conductors	120-277V AC	FAA (TC) L-864 / L-865
D1RW-C13-009CVT	Antenna Obstruction Light (AOL) Flash Head and Power Supply - 4 Conductors	120-277V AC	FAA (TC) L-864 / L-865