

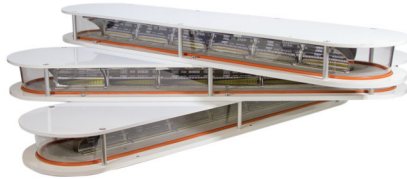
# Vigilant® LED Based L-856/L-864 High Intensity (White/Red) Strobe



3195 Vickery Rd. North Syracuse NY 13212 | (315) 699 4400 | Unimar.com

## Certifications & Ratings

- FAA AC NO: 150/5345-43G | FAA Engineering Brief No. 67 | (Check FAA Website for current certification) | IP 66
- Qualified By Intertek ETL | Compliant to
- DGAC Mexico | Canadian Aviation Regulation CAR 621.19 (Transport Canada)



## Features

- 5 year full performance warranty
- Resistant to shock and vibration
- High impact polycarbonate lens, UV, scratch & chemical resistant lens coating
- Reduction in expensive tower climbs and maintenance costs / unplanned site visits
- Requires smaller gauge wire
- Smallest Flash Head in the Industry
- Community friendly lighting system

## Application

The Dialight Vigilant® High Intensity Red/White dual strobe is the first all LED L-864/L-856 lighting system designed for the lighting of broadcast towers, utility stacks and other tall obstructions to aviation navigation. Typically, a high intensity system consists of 3 flash heads and 3 power supplies per level and 1 controller for the entire system. The flash heads can be placed on up to six levels of lighting for a maximum of 18 synchronized flash heads on a single structure. Each level of lights provides 360 degrees of lighting coverage. Unlike conventional Xenon flashtube technology, Dialight's LED system requires little or no maintenance during its lifetime, drastically reducing costs associated with tower climbs. Working voltages of less than 200VDC are significantly less than those of Xenon flashtube designs; therefore, this system represents an advance in safety. Use of LED technology also provides a more shock and vibration resistant design, ensuring consistent flash intensity every time.

## Specifications

<b>Unit Weight:</b>	63 lbs
<b>Power Factor:</b>	>0.9
<b>Ambient Temp:</b>	-40°F to +131°F (-40°C to +55°C)
<b>Synchronization:</b>	Multiple unit sync from single GPS controller
<b>Operating Voltage:</b>	Universal 120 - 277V AC 50/60Hz
<b>Effective Intensity:</b>	White Day 270,000 cd White Twilight 20,000 cd White Night 2,000 cd Red 2,000 cd
<b>Wattage:</b>	White Day 220W White Twilight 40W White Night 30W Red Night 30W

## Ordering Information

Part Number	Description
D266-A57-270	(1) - L-856/L-864 flash head and supply
D266-A57-CTR	(1) - Controller
D256-6000-PEC	Twilight / Night photocell 3/4 conduit entry
D156-6001JBX	(1) - Junction box
D1RW-C13-AL8	(1) - L-856/L-864 antenna obstruction light and AOL interface boards

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