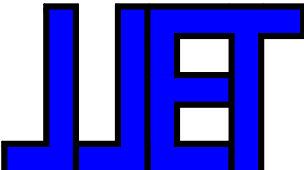


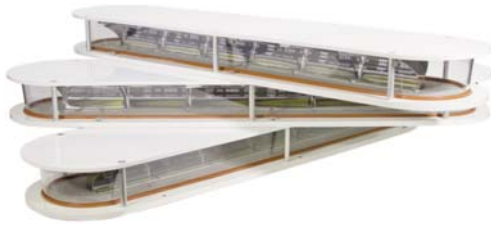
**LIGHT KIT:**

- 1 - L-865 WHITE LED BEACON
- 9 - L-856 WHITE LED FLASHHEADS
- 1 - LIGHT SYSTEM CONTROLLER
- PHOTOCELL
- WIRING DIAGRAM
- INSTALLATION MANUAL

**COMPLETE KIT:**

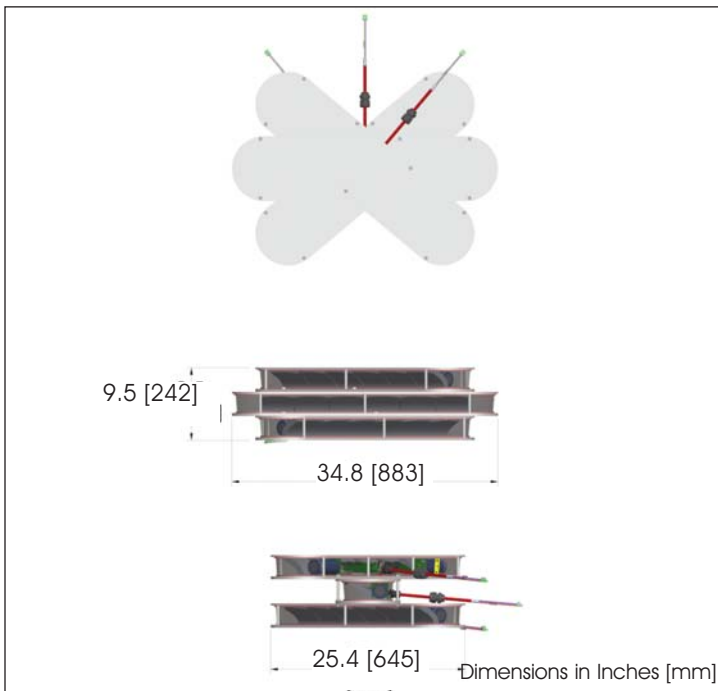
DUE TO THE SIZE AND AMOUNT OF VARIABLES FOR THIS LIGHTING SYSTEM, PLEASE CONTACT US WITH YOUR STRUCTURE DETAILS TO BE ABLE TO GIVE YOU THE BEST KIT AND PRICING TO MEET YOUR NEEDS. CONDUIT AND CABLE RACEWAY KITS BOTH AVAILABLE.

	<b>C3 WHITE TOWER LIGHTING KIT</b>	
	JJ ELECT TECH, LLC.	
	109 STATE STREET FRANKLIN, KY 42134 270-253-5050 WWW.JJELECTTECH.COM	
	TOWER HEIGHTS 70'-1050' SCALE: NTS DATE: 5-28-20 DRAWING NO.	
	<b>C3-JJET</b>	



US Patent #7,281,821 other patents pending

## LED Based L-856 High Intensity White Strobe



### Application:

The High Intensity White Strobe is the first all LED L-856 unit designed for the lighting of communication towers, 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 will provide 360 degrees of coverage.

Unlike conventional Xenon flashtube technology, 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.

<b>Unit Weight:</b>	63 lbs
<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
<b>Wattage:</b>	White Day 220W White Twilight 40W White Night 30W
<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 controller (Operates with other manufacturers of GPS sync devices)

### Certifications & Ratings

- FAA Approved  
(Check FAA Website for current certification)
- IP 66

### Qualified By

- Intertek ETL

### Compliant To

- Canadian Aviation Regulation CAR 621 (Transport Canada)
- DGAC Mexico

Part Number	Description	Voltage	Certification / Compliance
D266-A57-SYS	Base System Configuration	120-277V AC	FAA (TC) L-864 / L-856
D266-A57-270	Flash Head and Power Supply	208-277V AC	FAA (TC) L-864 / L-856
D266-A57-CTR	Controller	120-277V AC	FAA (TC) L-864 / L-856
D256-6000-PEC	Twilight / Night photocell, 3/4" conduit entry		FAA (TC) L-864 / L-856
D156-6001JBX	Surge Junction box		
D1RW-C13-009	Antenna Obstruction Light and AOL interface boards with Enclosure		FAA (TC) L-864 / L-856

Accessory

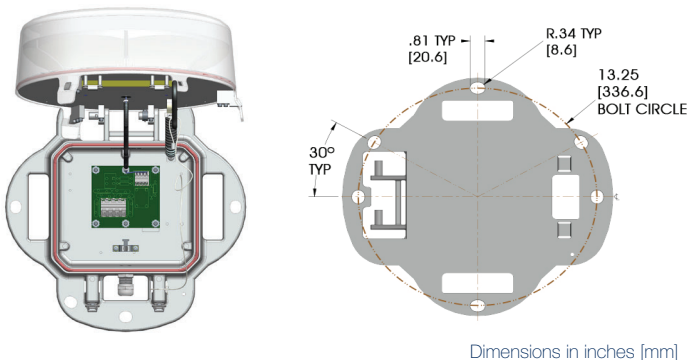
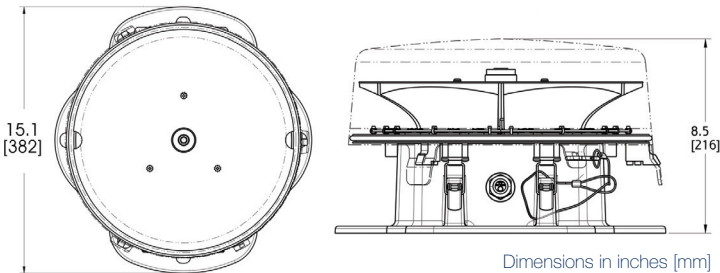
# LED Strobe

## Medium Intensity White



### Certifications & Ratings

- 5 year warranty
- FAA AC 150/5345-43H
- FAA AC 70/7460-1L
- FAA Engineering Brief 67D
- ICAO Annex 14
- Transport Canada CAR 621.19
- RCM
- CE



### FAA L-865

#### Mechanical Information:

<b>Weight:</b>	21 lbs (9.5 kg)
<b>Mounting Details:</b>	Standard FAA 3 hole & 4 hole pattern
<b>Impact Rating:</b>	IK10
<b>Protection Rating:</b>	IP66
<b>Included Hardware:</b>	1/2" NPT cable gland, mounting kit (bolts, nuts, etc.)
<b>Cable Entry Size:</b>	1/2" NPT
<b>Aerodynamic Wind Area:</b>	0.6 ft <sup>2</sup>

#### Electrical Specifications:

<b>Operating Temperature:</b>	-40°F to +131°F (-40°C to +55°C)
<b>Power Factor:</b>	> 0.9
<b>Power Consumption:</b>	
<b>Day (White):</b>	36 W (System = 75 W)
<b>Night (White):</b>	4 W (System = 10W)
<b>Input Current:</b>	120-277 VAC, 50/60 Hz (1.6 A peak) 48 VDC (2.2 A peak)
<b>Construction:</b>	Powder coated, copper-free,
<b>Housing Material:</b>	marine grade aluminum Polycarbonate, UV stabilized & hard coated
<b>Lens Hardware:</b>	Hot dipped galvanized & stainless steel
<b>Mounting (Two Sets):</b>	Stainless steel
<b>Latches:</b>	

#### Photometric Information:

<b>Flash Intensity (nominal):</b>	
<b>Day (White):</b>	20,000 cd
<b>Night (White):</b>	2,000 cd
<b>Flash Rate:</b>	
<b>Day (White):</b>	40 flashes per min.
<b>Night (White):</b>	40 flashes per min.
<b>Expected Lamp Life</b>	100,000 hours (approx. 10 years)

All values typical unless otherwise stated (tolerance +/- 10%)