



Certified to:
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 ICAO Aerodromes Design Manual, Chapter 18
 IP 66

Qualified by:
 Interek ETL
 CSA

Compliant to:
 Canadian Aviation Regulation
 CAR 621 (Transport Canada)
 DGAC Mexico

Features

- 5 year warranty; 10+ year life expectancy
- Easy access, color labeled terminal blocks for quick and easy installation.
- Hinged Flash Head with color labeled terminal block for secure cable install.
- Strategically placed control components to simplify troubleshooting.
- “No-Fault” current limiters built in to protect system from incorrect installs.
- No high voltages as found in Xenon systems
- Patented optics eliminate ground scatter
- No moving or serviceable parts in Flash Head, all replacement components located at tower base.
- Resistant to shock and vibration
- Tested and passed surge tests up to 1.9 Million Volts
- No EMI or RF
- Optional GPS Sync device for unique obstructions
- Improved surge suppression in controller and Flash head

Application

The all LED Medium Intensity White Lighting System is designed for the lighting of communications towers, chimneys, smoke stacks, wind generators and other obstructions to aerial navigation as specified by the FAA. The White L865 uses LED technology for light output for the White LED Strobe. Unlike conventional Xenon flashtube technology, little or no maintenance is required during its lifetime. Working voltages of less than 200 VDC are significantly less than those of Xenon flashtube designs. Therefore, this system represents an advance in safety. The L-865 LED beacon operates from a 48V DC supply.

Specifications

Unit Weight:	21 lbs (9.5 kg)	
Operating Voltage:	100/277 VAC, 50/60 Hz power factor corrected supply (see below for options)	
Wattage:	White Day	90W
	White Night	35W
Candela:	White Day	20,000 cd
	White Night	2,000 cd
Power Factor:	> .9	
Operating Temperature:	-40° F to +131° F (-40° C to +55° C)	
Synchronization:	Multiple unit sync from single controller	
Warranty:	5 years	

Mechanical Dimensions

