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AVL-L867-CPR

12.5W Medium Intensity Obstruction LED Light - 220V, Flashing - Type AB - FAA compliant - White/Red

Product ID: 154239

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: AVL-L867-CPR

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

The Larson Electronics AVL-L867-CPR is a Type AB Medium Intensity LED Light for the aviation sector and harsh outdoor environments. This FAA compliant unit offers white and red light output in a flashing configuration. The IP66-rated LED lamp offers protection from electrical surges and lightning. Constructed of aluminum and polycarbonate, the LED obstruction light comes with a lightning rod and a circular base plate for mounting on flat surfaces and walls.

The AVL-L867-CPR is a medium-intensity LED obstruction light for airports and aviation-related operations. This 12.5-watt flashing unit operates with an input of 100V-250V AC (220V) 50/60 Hz. During use, the LED lamp emits a flashing white and red beam with 50-500 cd/m2 adjustable light control settings. Adjustable flash rate ranges between 20-60 per minute. Robust optics ensure minimal light spillage and efficient light projection. Suitable for marking structures and notifying aircrafts in the surrounding environment, the LED light is wind resistant at 60 m/s and features a lightning rod at the top of the lamp. For additional controls, the unit can be connected to light control systems, GPS synchronous controller systems,

automatic control switches and control boxes.

The Type AB LED obstruction light is constructed of aluminum/polycarbonate and features a lightweight design. Equipped with anti-surge and lightning protection, this unit offers constant current output for increased reliability and smooth operation. The IP66-rated and corrosion resistant LED lamp is designed to operate in environments with ambient temperatures ranging between -40°C to +55°C. This FAA Compliant unit complies with the following standards: ICAO: Annex 14, FAA: AC150/5345-43G and CAAC: MH/T 6012.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Mounting: This LED medium intensity light is secured on a circular base plate for mounting on flat surfaces and walls. Three slots on the plate can be used to mount the LED light during installation.

Applications: Aviation, obstruction lighting, airports, military, airfield clearance zones, visual aircraft notification, commercial flying spaces, pilot safety, aviation safety and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

AVL-L867-CPR Medium Intensity LED Light	Ratings
Lamp Type: Type AB Obstruction LED Light	FAA Compliant
Dimensions: 7.48" x 10.62"	ICAO: Annex 14
Weight: 9.92 lbs	CAAC: MH/T 6012
Watts: 12.5W	FAA: AC150/5345-43G
Input Voltage: 100-250V AC (220V) 50/60 Hz	IP66

Effective Light Intensity (cd): White- 20,000 ± 25% (w/ >50cd/m2 Background Darkness); Red- 2,000 ± 25% (w/ <50cd/m2 Background Darkness)

LED Life Expectancy: 50,000 hours

LED Light Color: White/Red

Beam Pattern: Flashing

Flashing Rate: 20-60 per Minute (Adjustable)

Light Control Environment: 50-500 cd/m2

Ambient Operating Temp: -40°C to +55°C

Environment Humidity: 0 - 95%

Wind Resistance: 80 m/s

Materials: Aluminum, Polycarbonate

Mount: Surface/Wall via Base Plate

Housing Color: Yellow

Constant Current Output

Anti-surge/Lightning Protection

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

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Frequently Asked Questions (FAQ)

There are no Faqs



Image: AVL-L867-CPR

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