



1AVL-L810-CPR-24V Low Intensity LED Light

- 1Lamp Type:1 Type B LED Light
- 1Dimensions:1 4.09" x 6.88"
- 1Weight:1 1.76 lbs
- 1Watts:1 8W
- 1Voltage:1 24V DC
- 1Effective Light Intensity:1 32 cd
- 1LED Life Expectancy:1 50,000 hours
- 1LED Light Color:1 Red
- 1Beam Pattern:1 Steady Burn
- 1Horizontal Azimuth Angle:1 360°
- 1Light Control Environment:1 50-500 cd/m2
- 1Ambient Operating Temp:1 -40°C to +55°C
- 1Environment Humidity:1 0 - 95%
- 1Wind Resistance:1 80 m/s
- 1Materials:1 Aluminum, Polycarbonate
- 1Mount:1 Surface/Wall via Base Plate
- 1Housing Color:1 Yellow

1Ratings

- 1FAA Compliant
- 1ICAO: Annex 14
- 1CAAC: MH/T 6012
- 1FAA: AC150/5345-43G
- 1IP66
- 1Constant Current Output
- 1Anti-surge/Lightning Protection

1Special Orders- Requirements

- 1Contact us for special requirements

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The Larson Electronics AVL-L810-CPR-24V is a Type B Low Intensity LED Light for the aviation sector and harsh outdoor environments. This FAA compliant unit offers red light output in a steady burn 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-L810-CPR-24V is a low-intensity LED obstruction light for airports and aviation-related operations. This 8-watt steady burn unit operates on low voltage 24V DC. During use, the LED lamp emits a red beam with 50-500 cd/m2 adjustable light control settings. 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 80 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 B 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 low intensity light is secured on a circular base plate for mounting on flat surfaces and walls. Four 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 [2sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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