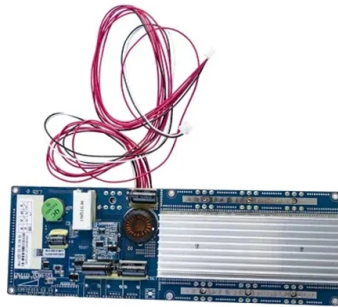


# Airport-grade red light source is heat-resistant



## Overview

Heat-resistant LEDs incorporate oversized aluminum heat sinks, ceramic circuit boards, and in some cases, active cooling fans or liquid-cooled channels. These design elements ensure the LED's junction temperature stays within operational limits, even when ambient temperatures soar. This Advisory Circular (AC) contains the Federal Aviation Administration (FAA) specifications for light fixtures to be used on airport runways and taxiways. Heat-resistant (up to 65°C) and sensor-pluggable for adaptive. MIL-C-7989 Our L810LED omni-directional, red, steady-burning obstruction light is designed for marking tall structures such as buildings, towers, masts, cranes, meteorological towers, chimneys and other hazards to aircraft. This energy-saving LED light is a direct replacement for incandescent. This engineering brief provides additional requirements for "Light Sources Other Than Incandescent and Xenon for Airport and Obstruction Lighting Fixtures" subject to certification under AC 150/5345-53, Airport Lighting Equipment Certification Program, and/or other applicable documents. One standard goes as following (From FAA AC 150/5345-43H):

4. The equipment must be subjected to a constant temperature of +130F.

## Article Content

### 360 Degree Red Solar Dual Function Airport Lights

Buy red solar dual function airport lights. These 360 degree red dual function solar lights offer flashing and constant burn options. Purchase red solar dual function

Model 601 Airport Lights | Purchase Model 601 Red Solar 360 Degree ...

Buy Model 601 airport lights in bulk and online. These red solar airport lights offer 360 degree illumination with a flashing or constant burn option. Purchase Model 601 airport lights today from

### Comprehensive Guide to Airport LED Lighting

Airport LED lighting is a vital component in ensuring the safety, efficiency, and functionality of modern airports om guiding aircrafts on takeoff

### Alrouf Medium Intensity Airport Warning Light ARTX-MI

The Alrouf ARTX-MI (TYPE-B) is a compact and highly durable medium-intensity red flashing aircraft warning light designed for medium-height obstacles. Compliant

### Airport Barricade Hazard Light

Hazard lights are a general requirement for airfield projects, especially when construction is on or near active aircraft in low visibility conditions. Engineered with a slightly angled lens which directs light

### F A A Engineering Brief No. 98: Infrared Specifications for Aviation ...

Aviation red obstruction lights are used to increase conspicuity of obstructions during nightttime. The red obstruction light system is composed of flashing omnidirectional lights (L-864 and L-885) and/or

### L-810 Obstruction Light

This Avlite light fixture is a steady burning, low intensity LED obstruction light designed to comply with FAA L-810 requirements. The model can be used for marking obstacles which pose a threat to

### 360 Degree Red Solar LED Airport Light | PP-562

360° Red LED Airport Light, use with our Lo-Pro Airport Barricade.

### FAA Engineering Brief 67D, Engineering Brief No.67D Light Sources

The Federal Aviation Administration (FAA) recommends the guidelines and standards in this Engineering Brief (EB) for light sources other than incandescent and xenon for use in airport and

### SP-102 Portable Obstruction Light

SP-102 Portable Obstruction Light portable obstruction light SP-102 obstruction light is red, omnidirectional aviation light compliant with ICAO, Annex 14 for Type A,

ICAO FAA L810 32cd LED Red Low intensity aircraft

Built to Last: Many low-intensity obstruction lights are constructed with robust, weather-resistant materials that can endure the elements. Whether

Alrouf Low-Intensity Airport Warning Light ARTX-LI (TYPE-B)

The Alrouf ARTX-LI (TYPE-B) is a highly durable, compact low-intensity red aircraft warning light designed for steady-light marking of fixed obstacles. Compliant with major international standards

Stable Light in Unstable Environments: The Power of Heat-Resistant

Heat-resistant LEDs were installed with dust-proof and high IP65 ratings, ensuring consistent lighting for 24/7 monitoring and maintenance tasks. Operators reported an increase in safety compliance and

High Temperature Lighting

High temperature LED lighting for industrial processes such as metal processing, paper drying, chemical reactions and refining, glass manufacturing and more.

High Temperature / Heat Resistant Light Fittings | Kellwood

High temperature resistant lights, fittings and fixtures. These high bay LEDs operate in high temperature industrial environments from -30°C to 80°C.

Infrared Specifications for Aviation Obstruction Light

FAA Airports Infrared Specifications for Aviation Obstruction Light Compatibility with Night Vision Goggles (NVGs) 1. Purpose. This Engineering

AC 150/5345-46F, Specification for Runway, Taxiway, Heliport, and ...

The light fixture must consist of two alternately illuminated, unidirectional light sources. These light sources must be circular, 8 inches (203.20 mm) in diameter, and in the same horizontal plane.

L-810 LED Steady-Burning Red Obstruction Light

Our L810LED omni-directional, red, steady-burning obstruction light is designed for marking tall structures such as buildings, towers, masts, cranes, meteorological

Light source that withstands extreme conditions

I am designing an aircraft obstruction light, and Federal Aviation Administration (FAA) requires crazy requirements for their standards. One

Heat Resistant LED Lights

Heat resistant LED lights are designed to deliver reliable performance in extreme-heat settings such as steel mills and manufacturing facilities. To qualify as heat

LED\_Red\_Obstruction\_Light\_l810.pdf

The 860 Series is the FAA type L-810 red LED obstruction light. Designed for steady burning, this fixture is used to mark any obstacle that may present hazards to aircraft navigation.

Google Translate

Google's service, offered free of charge, instantly translates words, phrases, and web pages between English and over 100 other languages.

Low Intensity Red LED Obstruction Light for Airport and

The SP-700 is a low-intensity obstruction light designed to mark obstacles with heights up to 150 meters. It is commonly used at airports and

Best Heat-Resistant LED Lights

These industrial-grade fixtures are IP66 rated for wet locations, IK10 impact resistant, and 3G or 5G for vibration. Featuring custom optics for

Airport Lighting Regulations and Standards

CHB Series High Mast Light: Provides up to 210,000 lumens of powerful, uniform lighting ideal for large aprons and obstruction zones. Heat

Product Data Sheet (PDF): L-810 LED Steady-Burning Red

This energy-saving LED light is a direct replacement for incandescent fixtures, providing years of reliable and maintenance-free operation. Available in single, double, and retrofit configurations; optional solar

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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