Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

LEDLB-50W-24E-IR850-STRB-24V-M1

50W Infrared LED Strobe Light - 24V - 850nm - Stud Mount - (1) M12 Hubs - IP67

Product ID: 265587

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



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.

LEDLB-50W-24E-IR850-STRB-24V-M1 Infrared LED Light

Unit Type: Infrared LED Strobe Light
Lamp Technology: Infrared LED
Dimensions: 8.25"L x 5.25"H x 3.56"D
Weight: 7.4 lb
Operating Voltage: 24 V
Control Voltage (Strobing Frequency): 0-24 V
Total Watts: 50 W
Luminous Efficacy: -
Lamp Life: 50,000+ Hours
IR Wavelength: 850nm
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 10°, 25°, 40°, or 60°
Lighting Configuration: Strobe
LED Drive: 80%
Optics Efficiency: 90%
Amps: -
Operating Temp Rating: -
Materials: Aluminum Housing, Polycarbonate Lens
Mounting: Adjustable U-Bracket
Hubs: (1) M12

Ratings

EN50155
EN50121-3-2
EN50125-1
EN61373
REACH / ROHS
EN 45545 EL10 R22
IP67

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364

Color: Black

E-mail: sales@larsonelectronics.com

The LEDLB-50W-24E-IR850-STRB-24V-M1 is an ultra compact and powerful infrared LED light emitter that projects an infrared beam for use in rugged environments. This LED light is compatible with low voltage 24 V and emits an infrared wavelength of 850nm. This infrared light produces a beam that can only be seen through the use of night vision goggles or equipment.

The LEDLB-50W-24E-IR850-STRB-24V-M1 is a durable infrared lighting solution for industrial facilities. This 50-watt unit operates on 24 V. Syncing between units is possible to keep the strobe consistent. The control voltage for strobe frequency is 0-24 V. During use, the infrared LED light provides 850nm wavelength output. This unit is offered with the following beam configuration: 10°, 25°, 40° or 60°. The LEDLB series LED lights are waterproof to 3 meters, sealed against intrusion by dust and dirt and very ruggedly constructed to withstand the most demanding environments, conditions and applications. A small profile, low power requirements, high durability and versatile mounting makes these LED lights ideal for commercial use as well as a wide array of applications including but not limited to: military, industrial manufacturing, machine visioning and non-destructive testing, security and law enforcement, and boating.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED light bars utilize an extruded aluminum housing that incorporates an advanced heat radiating design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Seoul Z-Power Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Hubs: The LEDLB-50W-24E-IR850-STRB-24V-M1 contains one M12 hubs for connections.

Mounting: Suspended on top of an adjustable u-bracket, this LED light can be adjusted and tightened into any position to suit your application. A single stud protrudes from the bottom of the u-bracket mount, enabling the operator to install the light using a simple through hole mount. In other words, the light can be installed anywhere a 1/4 inch hole can be drilled.

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.

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Frequently Asked Questions (FAQ)

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LEDLB-50W-24E-IR850-STRB-24V-M1

Product ID: 265587

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LEDLB-50W-24E-IR850-STRB-24V-M1-Configuration

Example: LEDLB-50W-24E-IR850-STRB-24V-M1-10DB

Configuration	
10 DEGREE	-10DB
25 DEGREE	-25DB
40 DEGREE	-40DB
60 DEGREE	-60DB

Links (Click on the below items to view):

- **CE Certificate**
- **Eye Safety Information/Certificate**
- **Military Specification Certificate 1**
- **MSDS (Material Safety Data Sheet**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**