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LEDSB-3XQF12V-1227-WF-3XKT-8CH

Remote Controlled LED Strobe Light Kit - (3) LED Strobe Lamps - 120-277V AC to 10-30V DC - Amber - Single Remote

Product ID: 236475

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.

LEDSB-3XQF12V-1227-WF-3XKT-8CH LED Strobe Kit

Lamp Type: LED
Dimensions: 4.75"H x 5"D (Lamp)
Weight: 1 lb. 8 oz. (per Lamp)
Voltage: 120-277 V AC Stepped Down to 10-30V DC
Total Watts: 84 W (28 W per Lamp)
LED Expected Lifespan: 50,000+ Hours
Light Color: Amber
Lighting Configuration: Strobing Quad-Flash
Amp Draw: 2.34A @ 12V DC - 2.05A @ 13.7V DC - 1.67A @ 24V DC
Lens Material: Polycarbonate
Mounting: Magnetic Mount in Rubber Base
Wiring: Straight Blade Plug w/ Cable to Transformer, Deutsch Connector from LED Strobe Light to Transformer
Remote: Yes - Wireless, ON/OFF, 100' Range, Single Remote Controls All 3 Lights

Features

(3) LED Strobe Lights
100-pound Grip Magnet
120-277 V AC to 10-30V DC
4 Strobes per Second (Quad Flash)
Wireless, Remote Controlled
Waterproof, Shock/Impact Resistant
360° Visibility
Includes (1) Wireless Remote

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The LEDSB-3XQF12V-1227-WF-3XKT-8CH from Larson Electronics is a Remote Controlled LED Strobe Light Kit that offers advanced warning of obstructions and activities in industrial facilities. This system consists of

three, LED strobe lamps with full, 360-degree coverage and quad-flashing functionality. The units individually plug into compatible 120-277V AC outlets for power, which is stepped down to 10-30 V DC via an inline transformer. All three LED strobe fixtures are equipped with 100-pound grip magnetic bases. This unit features a single remote that controls all three strobe lights on the fixture.

The LEDSB-3XQF12V-1227-WF-3XKT-8CH is a robust LED strobe light kit for low voltage warning systems in industrial work sites. Consisting of three, remote-controlled LED strobe lights, the units are designed to be plugged into a 120-277 V AC outlet during operation. Input power is then stepped down to 10-30 V DC via the connected inline transformer, which provides low voltage power to the LED strobe lights through a detachable Deutsch connector.

All three LED strobe lights produce 360° of brilliant light without dark spots or uneveness and are protected by unbreakable polycarbonate lenses. These units are waterproof and extremely resistant to shock and rough impacts. The LED beacons offer quad-flashing functionality, which allows up to 4 strobes per second. The LED design of this unit provides low power draw over extended periods of use, making the luminaries an excellent upgrade alternative to less powerful and less reliable incandescent strobe light beacons.

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.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units contain advanced drivers which use pulse width modulation to control heat buildup rather than simple voltage regulators which are typically harsh on sensitive electronics and can contribute to early LED failure. These units automatically sense the temperature of each LED and adjust the energy frequency or "duty cycle" accordingly to maintain heat levels within acceptable ranges. This system in essence flashes current at an extremely fast on and off rate to each LED based upon the LED`s core temperature. This flash rate is too fast to detect with the human eye, but provides precise control of the current flowing to each LED and thus the heat it generates. This allows the LEDs to be driven at up to 100% capacity without overheating or visible loss of light output. The LEDs are always driven at the same voltage but the duty cycle, however, is changed to alter how long the LEDs are actually on or off. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 50,000 hours.

Wiring/Mounting: The LEDSB-3XQF12V-1227-WF-3XKT-8CH comes with a straight blade plug on the input lead and a two-pin Deutsch connector on the output lead, so that users can simply plug the unit into a standard 120-277V AC outlet to power the low voltage LED strobe lights. The LED strobing units are individually supported by 100-pound grip magnetic bases, allowing operators to seamlessly mount the unit on compatible surfaces. This mounting assembly provides secure attachement while protecting the paint and finish of surfaces from scratching and dulling often caused by magnetic mount accessories.

Remote Control: The LEDSB-3XQF12V-1227-WF-3XKT-8CH is a remote controlled unit that uses a single remote to control all three lights on the fixture

simultaneously. The remote operates on 433 MHz frequency, is wireless, features a range of 100`, and works through walls, structures, and vehicles.
The LEDSB-3XQF12V-1227-WF-3XKT-8CH also has the versatility to have additional remotes added to control all three lights. This allows remotes to be kept in multiple places or kept by several people who need to be able to control the lights. Remotes that control each light individually can also be added to the unit. A single remote can also be used to control more than three lights at a time.
The remote included with the LEDSB-3XQF12V-1227-WF-3XKT-8CH is equipped with a set of dip switches that allow the operator to select from 65,000 different channels to communicate with a specific remote control light. Each light can be programmed to a different remote channel.
Applications: Industrial facilities, warning systems, low voltage lighting, active notifications, warehouses, manufacturing plants, checkpoints 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.

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Frequently Asked Questions (FAQ)

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Product ID: 236475

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**