

EPSLED-80-SVS-DC

8W Explosion Proof LED Strobe Light - low voltage - 30 Flash Patterns - Sync Capable

Product ID: 147609

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



Image: EPSLED-80-SVS-DC

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.

EPSLED-80-SVS-DC Explosion Proof LED Strobe Light

Lamp Type: LED

Dimensions: 7.25" x 15"

Weight: 7 lbs

Voltage: 12V DC or 24V DC

Amps: 0.6A @ 13.8V DC

Watts: 8W

Life Expectancy: 50,000+ Hours

Light Color: Red, Blue, Amber or White

Operating Modes: Synchronous and Non-Synchronous

Operating Temp: -30°F to 150°F

Housing Material: Copper-Free Aluminum

Housing Finish: Baked Powder Epoxy Finish, Electrostatically Applied

Mounting: Bracket Mount

Wiring Hub: 3/4" NPT

Ratings/Approvals

Class I, Div 1 & 2 Groups C,D

Class II, Div 1 & 2 Groups E,F,G

Class III

(9) High Powered LEDs

30 Flash Patterns

NEMA 3, 4, 4X

Sync w/ Alarm Systems

Factory Sealed

Compatible w/ Edwards Signals EG1M

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The Larson Electronics EPSLED-80-SVS-DC is a powerful explosion proof LED strobe light that is suitable for installation in hazardous locations. This 8-watt unit operates on 12V DC or 24V DC and features a total of 9 high-intensity LEDs. Equipped with 30 flash patterns, the LED beacon can be synchronized with other strobe lights on fire alarms and compatible warning systems for simultaneous operation. This unit is offered in the following light colors: red, blue, amber and white.

The EPSLED-80-SVS-DC is a compact, versatile lighting solution for warning and advanced notification systems, such as fire alarms. This explosion proof unit runs on 12V DC or 24V DC while drawing 8 watts. Operators may choose from a total of 30 different flash patterns. Features for syncing with compatible alarm systems and other strobe lights is available. Nine high-intensity LEDs produces superior illumination in the hazardous location.



Two Units Synced Together

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.

Durability: The explosion proof lamp housing is waterproof and constructed of copper-free aluminum. Factory sealed with a baked epoxy powder finish, this luminary can be ordered to emit the following light colors: red, blue, green, amber or white. Unlike typical beacons, this unit produces colored illumination without colored lenses or optics that can fade or discolor over time. The LED is solid state and uses no filaments or glass in its construction, resulting in an extremely durable light that can withstand far more abuse than regular filament based beacons.

Applications: Hazardous locations, industrial sites, oil and gas facilities, processing plants,



warning systems, notification lighting, fire alarms, agricultural sites, warehouses 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.



Frequently Asked Questions (FAQ)

There are no Faqs



Image: EPSLED-80-SVS-DC



Image: EPSLED-80-SVS-DC

7



Image: EPSLED-80-SVS-DC

EPSLED-80-SVS-DC

Product ID: 147609

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-SVS-DC-Color-Voltage-Mount

Example: EPSLED-80-SVS-DC-AMB-12VDC-CLG

Color	
AMBER	-AMB
WHITE	-WHT
BLUE	-BLU
RED	-RED

Voltage	
12V DC	-12VDC
24V DC	-24VDC

Mount	
CEILING	-CLG
WALL	-WLM
PENDANT	-PND
STANCHION	-STNCH

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/147609.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/147609.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/147609.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/147609.PDF>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/147609.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/147609.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/147609.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/147609.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/147609.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/147609.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/147609.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/147609.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/147609.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=CCpba4K1qk>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)