

EPSLED-RPS-80-SVS-M-HV

8W Rechargeable Explosion Proof LED Strobe Light - 30 Flash Patterns - Magnet Mount

Product ID: 149845

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.

EPSLED-RPS-80-SVS-M-HV Battery-powered Explosion Proof LED Strobe Light

Lamp Type: LED

Dimensions: 7.25" x 15"

Weight: -

Voltage: 120V or 240V AC

Watts: 8W

Life Expectancy: 50,000+ Hours

Light Color: Red, Blue, Amber or White

Operating Temp: -30°F to 150°F

Housing Material: Copper-Free Aluminum

Housing Finish: Baked Powder Epoxy Finish, Electrostatically Applied

Mounting: Magnetic Mount

Battery: 8.8aH Lithium-ion, Rechargeable

Runtime: 8 Hours per Charge

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

NEMA 3, 4, 4X

Factory Sealed

Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics EPSLED-RPS-80-SVS-M-HV is a powerful explosion proof LED strobe light that is rechargeable and suitable for installation in hazardous locations. This 8-watt unit operates on an internal, self contained battery and features a total of 9 high-intensity LEDs. Equipped with 30 flash patterns, the LED beacon is powered by an 8.8aH lithium-ion power cell and features a magnetic mounting system. This unit is offered in the following light colors: red, blue, amber and white.

The EPSLED-RPS-80-SVS-M-HV is a compact, versatile lighting solution for warning and advanced notification systems, such as fire alarms. This battery-powered explosion proof unit is rechargeable and runs on 11-30V DC while drawing 8 watts. Operators may choose from a total of 30 different flash patterns. Nine high-intensity LEDs produces superior illumination in the hazardous location.

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.

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.

Batteries/Charging: This explosion proof LED light is powered by a rechargeable 8.8aH lithium-ion battery. When fully charged, the luminary offers up to 8 hours of runtime. Operators can charge the power cell using an included wall charger for general-area outlets. The charger is offered in the following voltage options: 120V or 240V.

Mounting: The EPSLED-RPS-80-SVS-M-HV features a magnetic mount system, which is suitable for overhead installations. After charging the explosion proof unit, individuals may setup the LED strobe light on the mounting component without tools.

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)

EPSLED-RPS-80-SVS-M-HV

Product ID: 149845

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-RPS-80-SVS-M-HV-Color-Cord Cap

Example: EPSLED-RPS-80-SVS-M-HV-AMB-1523

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

Cord Cap	
5-15P (120V)	-1523
5-20P (120V)	-2023-125V
6-20P(240V)	-2023-350V

Links (Click on the below items to view):

- [SpecSheetSpanish](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)