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EPSLED-80-AM-100

Adjustable Magnetic Mount Explosion Proof LED Strobe Light - 7 Watts - 100' Cord - EXP Plug

Product ID: 321218

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



Image: EPSLED-80-AM-100

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-AM-100 Explosion Proof Strobe Light

Lamp Type: LED
Lamp Dimensions: 7.25"-Wide, 21" Height
Lamp Weight: 9 lbs
Hub: 3/4" Threaded
Voltage: 120-277V AC, 12V DC or 24V DC
Lighting Configuration: Strobing Flash or Steady Burn
Mounting:400 lb magnetic grip base
Temp Rating: T3C
LED Watts: 7W
Strobe Count: 4 Per Second
Wiring: 100` cable w/ EXP Plug
Cord Cap: 5-15 or 6-20 (C1D1) or flying leads
Lamp Life: 50,000+ Hours

U.L Ratings

Class 1, Groups C and D
Class II, Groups E and F
Class III, Groups E, F and G
IP67 (water proof)
Suitable for Paint Spray Booths
T3C Temperature Rating

Special Orders - Special Requirements

Contact us for special requirements
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Made in the USA

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The EPSLED-80-AM-100 Adjustable Magnetic Mount Explosion Proof LED Strobe Light from Larson Electronics is approved for Class 1 Division 1, Groups C and D, paint spray booth approved, and produces 4 flashes per second. Water proof and IP67 rated, this LED equipped light is magnetically mounted for temporary use and is available in several different color options and operates on 120-277V AC, 12V DC or 24V DC.

The powerful and durable EPSLED-80-AM-100 adjustable magnetic mount explosion proof LED strobe light from Larson Electronics is approved for use in paint spray booths and is ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and a powerful and durable strobe light solution is needed. The lamp housing is waterproof, constructed of heavy cast aluminum, and UL tested to withstand 1490 lbs. per square inch of hydrostatic pressure. Factory sealed and finished in a durable polyester powder coating, this lamp can be ordered with red, blue, green, amber, and white strobing colors. Alternatively, this fixture can be configured with a steady burn lamp with the same light color options. This temporary explosion proof signal light is equipped with 100` of SOOW cable and terminated in a explosion proof plug.



Click Photo to Enlarge

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

This hazardous area strobe light carries a T3C temperature rating and is UL Listed Class 1, Groups C and D, Class 2, Groups E and F, and Class III, Groups E, F and G. This strobe light is IP67 rated waterproof and suitable for use in paint spray booths and areas where flammable gases, vapors and chemicals may be encountered as well as approved for exposure to combustible dusts. The cast aluminum housing is fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment.

Mounting: The EPSLED-80-AM-100 explosion proof strobe light from Larson Electronics consists of two 200 lb grip magnets attached to an adjustable trunnion mounting bracket at the base of the light fixture. Operators mount the light fixture to any ferrous surface, and can adjust the light fixture after mounting to the desired position by loosening the set screws on the side of the the trunnion mounting bracket. Once the desired angle is set, simply re-tighten the set screws. The light fixture can easily be moved from location to location, making this portable strobe light ideal for inspection and temporary maintenance

Voltage: The LED bulb in this unit provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These strobe lights can operate on current ranging from 120 to 277V AC without any modifications necessary as a result. We also offer 12V DC or 24V DC versions for low voltage applications. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it.

Click Photos to Enlarge



5-15 Straight Blade Plug



6-20 Straight Blade Plug

Wiring and Plug: This adjustable magnetic mount explosion proof LED signal light is equipped with 100 foot of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a Class 1 Division 1 rated 5-15 15 amp straight blade plug for 110V explosion proof outlets with ground or 6-20 20 amp straight blade plug for 220-240V explosion proof outlets with ground. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

The 7 watt LED lamp in this unit offers exceptional power and a 50,000+ hour life span and is energized by leads which pass through a sealing compound that separates the lamp chamber from the wiring compartment. The LED lamp assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control. The LED lamp in this low voltage strobe light offers a 50,000+ hour lifespan and a 4hz flash rate. Mounting consists of a 400lb adjustable magnetic base for temporary mounting on any ferrous surfaces.

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Frequently Asked Questions (FAQ)

There are no Faqs

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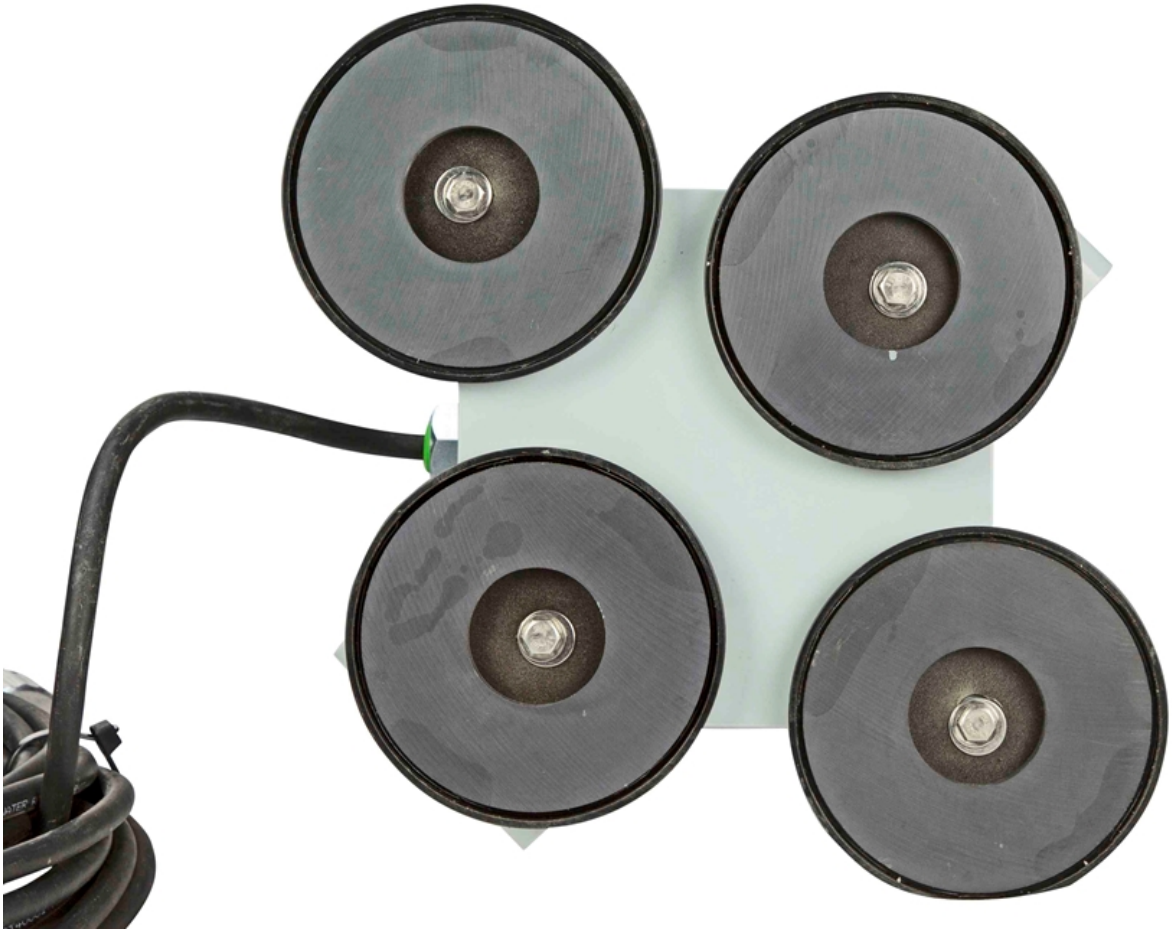

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EPSLED-80-AM-100

Product ID: 321218

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-AM-100-Voltage-Light Color-Light Config
Example: EPSLED-80-AM-100-1523-RED-STB

Voltage	
120V	-1523
220-240V	-2023-250V

Light Color	
RED	-RED
GREEN	-GRN
BLUE	-BLU
AMBER	-AMB
WHITE	-WHT

Light Config	
STEADY BURN	-STB
STROBE	-STROBE

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/321218.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/321218.JPG)
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