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EPSLED-80-ITG-TRN-M-G-25-EPP

Explosion Proof LED Strobe Light - 120-277V - Green, Adjustable Magnetic Trunnion Mount - 25' SOOW Cord

Product ID: 272727

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-80-ITG-TRN-M-G-25-EPP Explosion Proof LED Strobe Lamp with Magnetic Mount

Listing: NRTL Listed for United States and Canada
Lamp Technology: LED
Dimensions: -
Weight: -
Voltage: 120-277V AC
Total Watts: 7W
Total Lumens: -
Luminous Efficacy: -
Lamp Life: 50,000+ Hours
Light Color: Green (Strobes and Lens)
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: 360º
Light Configuration: Strobe (4 per Second)
Power Efficiency: -

Ratings/Approvals

Class I, Divisions 1 & 2, Groups C, D
Class II, Divisions 1 & 2, Groups E, F
Class III
T3C Temperature Rating

Power Factor: -

Amps: 0.05A @ 120V, 0.03A @ 240V, 0.25A @ 277V

Temperature Rating: T3C

Materials: Non-sparking Aluminum

Mounting: Trunnion Mount w/ Magnetic Base - 200 lb Magnet

Wiring: 25` 16/3 SOOW Cord w/ EXP Cord Cap

Cord Cap: 5-15P, 5-20P or 6-20P

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

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Made in the USA

The EPSLED-80-ITG-TRN-M-G-25-EPP Adjustable Magnetic Mount Explosion Proof LED Strobe Light from Larson Electronics is approved for Class I, II and III rated combustible sites. This green LED strobe light operates on 120-277V AC and comes with 25` of 16/3 SOOW cord and an explosion proof cord cap. The lamp features an adjustable trunnion mount with a magnetic base.

The EPSLED-80-ITG-TRN-M-G-25-EPP 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 non-sparking aluminum, minimizing the possibility of ignition. This LED unit emits a green strobe light (colored lens and strobes). Alternatively, the fixture can be configured with a steady burn lamp.

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.

Voltage: This unit provides the ability to automatically monitor and adjust input current to maintain the correct LED voltage level 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. 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



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof LED light is equipped with 25 feet of 16/3

chemical and abrasion resistant SOOW line-in cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets.

Mounting: The EPSLED-80-ITG-TRN-M-G-25-EPP consists of an adjustable trunnion mount with a 200 lb grip magnet attached to the base. Operators mount the light fixture to any ferrous surface, and can adjust the light fixture after mounting to the desired position.

Suggested Applications: Paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, chemical manufacturing, waste treatment plants, gas processing plants 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: 272727

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-ITG-TRN-M-G-25-EPP-Cord Cap

Example: EPSLED-80-ITG-TRN-M-G-25-EPP-1523

Cord Cap	
5-15	-1523
5-20	-2023-125V
6-20	-2023-250V

Links (Click on the below items to view):

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