

EPSLED-80

15W Explosion Proof LED Strobe Light - C1D1 - 4Hz Flash Rate - IP67

Product ID: 48569

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



Image: EPSLED-80

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 Explosion Proof LED Strobe Light

Listing: NRTL Listed for United States and Canada

Lamp Technology: LED

Dimensions: -

Weight: -

Voltage: 100-277V AC, 50/60Hz or 12-24V AC/DC

Watts: 15W

Lumens: 2,400 lms

Luminous Efficacy: 160 lm/w

Lamp Life Expectancy: 50,000+ Hours

Color: White - 6000K, 5000K, 4300K, 4000K, 3000K, Blue, Amber, Red or Green

Color Rendering Index: 82 (White)

Lamp Type: -

Lamp Base: E26

Replacement Lamp: -

Beam Angle: 300°

Lighting Configuration: Strob ing

Strobe Rate: 4 Hz

Power Efficacy: -

Ratings/Features

Class I, Divisions 1 & 2, Groups C,D

Class I, Zones 1 & 2, Groups IIB, IIA

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

Class III, Divisions 1 & 2

NEMA 3, 4, 4X, 7CD, 9EFG

Suitable for Wet Locations

Factory Sealed Light Fixture



Power Factor: >0.9

Amp Draw: 0.125A @ 120V, 0.06A @ 240V, 0.5A @ 277V

Ambient Operating Temp Range: -20°C to +85°C

Operating Temp Rating: -

Housing Material: Copper Free Cast Aluminum

Housing Finish: Epoxy Powder Coated

Lens Material: Borosilicate Glass

Mounting: Wall, Pendant, Ceiling or 25° Stanchion

Wiring Hub: 3/4" NPT (1-1/4" NPT Stanchion)

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

Made in Texas

The EPSLED-80 Explosion Proof LED Strobe Light from Larson Electronics is rated for Class I, II and III combustible sites and produces 4 flashes per second. This IP67 rated LED lamp features 2400 lumens of illumination and heavy-duty cast aluminum housing. Equipped with a 3/4" NPT hub, the explosion proof unit is offered in a selection of light colors and mounting options.

The EPSLED-80 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. This 15-watt LED lamp provides up to 2400 lumens of output, with a 300-degree beam angle. Equipped with an E26 base, the strobe-only light source can be ordered with red, blue, green, amber and white colors, as well as different voltages including: 100-277V AC, 50/60Hz or 12-24V AC/DC.

The lamp's housing is waterproof, constructed of heavy cast aluminum, and tested to withstand 1490 lbs. per square inch of hydrostatic pressure. The housing is also fully factory sealed and includes an integrated inspection hole for easy access to the splice compartment. The IP67 rated LED light is protected by an impact and heat resistant clear prismatic globe.

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.

Wiring: Operators may access a 3/4" hub on the unit for wiring connections. This LED light is energized by leads which pass through sealing compound that separates the lamp chamber from the wiring compartment.



Wall Mount



Ceiling Mount



Pendant Mount



25° Stanchion Mount

Mount: The explosion proof LED light is available in pendant, ceiling, wall or stanchion mount for added installation versatility.

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.



Frequently Asked Questions (FAQ)

There are no Faqs



Image: EPSLED-80



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Warranty: 12 Months.

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-Voltage-Bulb Color-Mount

Example: EPSLED-80-1227-60K-WALM

Voltage	
120-277V AC	-1227
12/24V AC/DC	-1224

Bulb Color	
WHITE 6000K	-60K
WHITE 5000K	-50K
WHITE 4300K	-43K
WHITE 4000K	-40K
WHITE 3000K	-30K
BLUE	-BLU
AMBER	-AMB
RED	-RED
GREEN	-GRN

Mount	
WALL	-WALM
CEILING	-CLGM
PENDANT	-PNDM
25° STANCHION	-STNM

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/48569.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/48569.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/48569.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/48569.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/48569.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/48569.ZIP>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/48569.PDF>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/48569.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/48569.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/48569.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/48569.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/48569.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/48569.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/48569.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/48569.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/48569.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/48569.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=aOrAVKWcNXE>)
- **Video2**(<https://www.youtube.com/watch?v=FC0IaCuMVdk>)
- **Video3**(<https://www.youtube.com/watch?v=V8QmJOWhzuU>)
- **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>)