Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPSLED-80-110VDC

15W Explosion Proof LED Strobe Light - High Voltage DC - 110V DC - 4Hz Flash Rate - CIDI - IP67

Product ID: 223978

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



Image: EPSLED-80-110VDC

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-80-110VDC Explosion Proof LED Strobe Light

Lamp Type: LED
Dimensions: from specs
Weight: 9lbs
Voltage: 110V DC
Total Watts: 15W
Lumens: 2400
Luminous Efficacy: 105 lm/w
Lamp Life Expectancy: 50,000+ Hours
Color: Red, Blue, Green, Amber, Purple or White
Beam Angle: 110º
Lighting Configuration: Strobing Flash
Strobe Count: from specs
Power Efficacy: >95%
Power Factor: >0.9
Amp Draw: 0.08A @ 120V, 0.04A @ 240V, 0.8A @ 12V, 0.4A @ 24V
Ambient Operating Temp Range: -50°C to +65°C
Operating Temp Rating: T3C
Housing Material: Copper Free Cast Aluminum
Housing Finish: Epoxy Powder Coated

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
NRTL Certified to UL-844
NRTL Certified to UL-1598
NRTL Certified to UL Marine Type
Certified to CSA C22.2 no. 137-M1981
NEMA 3, 4, 4X, 7CD, 9EFG
Suitable for wet locations
Factory Sealed Light Fixture

Special Orders - Special Requirements

Contact us for special requirements

Lens Material: Hardened Borosilicate Glass
Mounting: Wall, Pendant, Ceiling, or Stanchion
Wiring Hub: 3/4" NPT (1-1/4" NPT Stanchion)

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in Texas

The EPSLED-80-110VDC Explosion Proof LED Strobe Light from Larson Electronics is rated Class 1 Division 1, Groups C, D, paint spray both approved, and produces 4 flashes per second. Water proof and IP67 rated , this LED equipped light is pendant, ceiling, or wall mounted, and available with several color and voltage options.

The powerful and durable EPSLED-80-110VDC 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 NRTL Certified to 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, purple and white flash colors and operates on 110V DC.



Click Photo to Enlarge

This hazardous area strobe light carries a T3C temperature rating and is NRTL Certified to 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. Wiring is through or 3/4" hub.



Bulb Included



Click Photo to Enlarge



Amber Bulb Configuration

The 15 watt LED lamp in this unit offers exceptional power and a 50,000+ hour life span and is energized by leads which pass through 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 strobe light offers a 50,000+ hour lifespan. The unit shown is pendant mount, and we offer ceiling and wall mount versions as well for added installation versatility.



Wall Mount



Ceiling Mount



Pendant Mount



Stanchion Mount

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Frequently Asked Questions (FAQ)

There are no Faqs



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EPSLED-80-110VDC

Product ID: 223978

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-110VDC-Bulb Color-Mouting
Example: EPSLED-80-110VDC-R-WALM

Bulb Color	
RED	-R
GREEN	-GR
BLUE	-BLU
AMBER	-AMB
PURPLE	-PRPL
WHITE 3000K	-WHT-30K
WHITE 4500K	-WHT-45K
WHITE 5600K	-WHT-56K

Mouting	
WALL	-WALM
CEILING	-CLGM
PENDANT	-PNDM
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/223978.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/223978.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/223978.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/223978.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/223978.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/223978.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/223978.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/223978.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/223978.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/223978.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/223978.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/223978.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/223978.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/223978.JPG)
- **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)