

EPSL-80

Explosion Proof Strobe Light - 80 Flashes Per Minute - Class 1 Division 1 - IP67

Product ID: 1860

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.

EPSL-80 Strobe

Lamp Type: XENON

Lamp Dimensions: 7.25"-Wide, 15" Height

Voltage: 120 Volts 60hz AC, 240 Volts AC, 24 Volts DC, and 12 Volts DC

Lamp Colors: Red, Green, Blue, Amber, or White

Lighting Configuration: Strobing Beacon or Steady On

Candela: 50

Strobe Count: 60-80 Per Minute

Power Supply Output: 2.7 Watts 2.3 joules per flash

Lamp Life: 10,000 Hours

Mounting: Wall, Ceiling, or Pendant

Wiring: 3/4" Threaded Hub

Lamp Weight: 9 lbs

Temp Rating: T3C

Ratings/Approvals

Class 1, Groups C and D

Class 2, Groups E and F

Class 3, Groups E, F and G

IP67 (water proof)

Suitable for Paint Spray Booths

T3C Temperature Rating

Listed for USA and Canada

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPSL-80 Explosion Proof Strobe Light from Larson Electronics is UL rated Class 1 Division 1, Groups C, D, paint spray both approved, and produces 60-80 red flashes per minute. Water proof and IP67 rated , this Xenon Strobe equipped light is pendant mounted and available with several color and voltage options.

The powerful and durable EPSL-80 explosion proof strobe light 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, purple and white flash colors as well as different voltages including 120 Volts 60hz AC, 240 Volts AC, 24 Volts DC, and 12 Volts DC.

This hazardous area strobe light carries a T3C temperature rating and is approved Class 1, Divisions 1 & 2, Groups C and D, Class 2, Divisions 1 & 2, Groups E and F, and Class 3, Divisions 1 & 2. 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 a 3/4" hub.

The spring loaded lamp socket is a medium base glazed porcelain design with heavy gauge nickel plated copper components and the socket leads pass through sealing compound that separates the lamp chamber from the wiring compartment. The bulb and socket assembly is protected by an impact and heat resistant clear prismatic globe with heavy gauge aluminum reflector that affords excellent light control. The Xenon bulb in this strobe light offers a 10,000 hour lifespan and 1.75 joules/flash at 50 candela. This unit can be ordered in flash configuration which produces 60-80 flashes per minute, or a steady ON configuration for low level general illumination.

Voltages: 12-80VDC draws 0.4A average @ 12VDC tapering to 0.05A average @ 80VDC.

16-24VAC draws 0.35A average.

120VAC draws 0.04A average.

Temp Code: Class 1 T2C 230° C (Do not install where the operating temperature exceeds the ignition temperature of the hazardous atmosphere.)

Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Options:

EPSL-80-Voltage-Strobe Color-Mount

Example: EPSL-80-120VAC-R-PND

Voltage	
120 VOLTS AC	-120VAC
240 VOLTS AC	-240VAC
12/24 VOLTS	-1224VDC

Strobe Color	
RED	-R
GREEN	-GR
BLUE	-BLU
AMBER	-AMB
WHITE	-WH

Mount	
PENDANT	-PND
CEILING	-CLG
WALL	-WALM

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [SpecSheetArabic](#)
- [SpecSheetFrench](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)