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## EPL-STRB-10-LED-PND-BLU-M1

# Explosion Proof Blue LED Strobe Light - 60Hz Flash Rate - 10 Watts - Class I, Div. I - IP67

**Product ID: 257508**

**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.**

**EPL-STRB-10-LED-PND-BLU-M1 Explosion Proof Red LED Strobe Light**

**Lamp Type:** LED

**Dimensions:** from specs

**Weight:** 9 lb

**Voltage:** 120-277V AC 50/60 Hz or 11-25V AC/DC

**Total Watts:** 10W

**Lumens:** 1050

**Joule:** 10

**Luminous Efficacy:** 105 Lm/W

**Lamp Life Expectancy:** 50,000+ Hours

**Color:** Blue

**Beam Angle:** 110º

**Lighting Configuration:** Strobing Flash

**Strobe Rate:** 60 Flash per Minute

**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

**Label:** PUMP ON

**Housing Material:** Copper Free Cast Aluminum

**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

CSFM Compliant

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

**Housing Finish:** Epoxy Powder Coated

**Lens Material:** Hardened Borosilicate Glass

**Mounting:** Pendant

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

**Toll Free:** 1-800-369-6671

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## Made in Texas

**The EPL-STRB-10-LED-PND-BLU-M1 from Larson Electronics is an Explosion Proof Blue LED Strobe Light that is rated Class I Division 1, Groups C, D, paint spray both approved, and produces 60 flashes per second. This strobe is designed for use in potentially explosive atmospheres and harsh environments, including onshore and offshore locations. Water proof and IP67 rated , this LED equipped light is pendant or ceiling mounted, and available with several color and voltage options. This explosion proof strobe is great for utility gas plants, wastewater treatment centers, pteroleum refineries, mining sites, and many other hazardous locations.**

The powerful and durable EPL-STRB-10-LED-PND-BLU-M1 explosion proof blue 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. This LED stobe is ideal for condition signaling, security alerts, equipment obstruction warning and emergency evacuation signaling. 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 has a blue flash color and can be ordered with different voltages including - 120 Volts, 60hz AC, 277 Volts AC, 24 Volts DC, and 12 Volts DC.



Click Photo to Enlarge

This hazardous area strobe light carries a T3C temperature rating and is listed for Class I, Groups C and D, Class II, 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 10 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. This unit shown is pendant mount.



Click Photo to Enlarge

**Voltages:** 11-25V AC/DC draws 0.4A average @ 11VDC tapering to 0.05A average @ 25VDC.
16–24VAC draws 0.35A average.
120VAC draws 0.04A average.
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)







**EPL-STRB-10-LED-PND-BLU-M1**

**Product ID: 257508**

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

**Options:**

**EPL-STRB-10-LED-PND-BLU-M1-Voltage**

**Example: EPL-STRB-10-LED-PND-BLU-M1-1227**

| Voltage | |
|---|---|
| 120-277V AC | -1227 |
| 12V DC | -12VDC |
| 24V DC | -24VDC |

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**