10 Watt Explosion Proof LED Light - Stanchion Mount - 120-240VAC or low voltage - Class 1 Division 1
Part #: EPL-LED7W-STCHN
The powerful and durable EPL-LED7W-STNCH explosion proof LED light from Larson Electronics is paint spray booth approved and ideal for industrial applications, hazardous work spaces, and areas where gases, vapors and dusts may be present and a powerful and durable general purpose 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 light colors as well as different voltages including 120-277 Volts 60hz AC, 12 Volts DC, or 24 Volts DC. This lamp is also available in infrared IR850 or IR940nm wavelengths.

Click Photo to Enlarge

This hazardous area LED light carries a T3C temperature rating and is U.L. approved 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 a 1-1/4” hub. The LED lamp in this unit offers exceptional power and a 50,000+ hour life span and is energized by leads which pass through a sealing compound that separates the lamp chamber from the wiring compartment. The LED lamp assembly is protected by a heavy aluminum cage guard and 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 and 1050 lumen light output. Light output with this explosion proof LED light is 40% brighter than a 100W incandescent bulb when measured with an Extech light meter at 8 feet. The unit shown is pendant mount, and we offer ceiling and wall mount versions as well for added installation versatility.

**Voltages:**
- 120-277VAC 50/60Hz or 12VDC or 24VDC
- 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.)

**Specifications / Additional Information**

<table>
<thead>
<tr>
<th>EPL-LED7W-STNCH</th>
<th>U.L Ratings</th>
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<tbody>
<tr>
<td><strong>Lamp Type:</strong></td>
<td>Class 1, Groups C and D</td>
</tr>
<tr>
<td><strong>Lamp Dimensions:</strong></td>
<td>Class II, Groups E and F- T3 Temp Rating</td>
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<tr>
<td><strong>Lamp Weight:</strong></td>
<td>Class III, Groups E, F and G</td>
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<tr>
<td><strong>Hub:</strong></td>
<td>IP67 (water proof)</td>
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Larson Electronics LLC  
9419 E US HWY 175, Kemp, TX 75143  
Phone: 1 800-369-6671  
Fax: 903.498.3364  
Email: sales@LarsonElectronics.com

This product does not qualify for free shipping.

Part #: EPL-LED7W-STCHN (64310)

Lumens: 1050 (735 VDC)

Voltage: 120 Volts 60hz AC, 277 Volts AC, 12 Volts DC, or 24 Volts DC

Lighting Configuration: Steady Burn

Mounting: Stanchion

Temp Rating: T3C

Operating Temp: -55C to 85C

LED Lamp Watts: 10 Watts (7W for VDC)

Strobe Count: N/A

Wiring: 1-1/4 inch Hub

Lamp Life: 50,000+ Hours

Scroll Down to Purchase

Suitable for Paint Spray Booths

T3C Temperature Rating

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com
Options:

**EPL-LED7W-STCHN** - **BULB COLOR** - **VOLTAGE**

**Example:** EPL-LED7W-STCHN-WH-1227

<table>
<thead>
<tr>
<th>BULB COLOR</th>
<th>VOLTAGE</th>
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<tbody>
<tr>
<td>6000K WH</td>
<td>120-277</td>
</tr>
<tr>
<td>RED</td>
<td>12VDC</td>
</tr>
<tr>
<td>BLUE</td>
<td>24VDC</td>
</tr>
<tr>
<td>GREEN</td>
<td>-1227</td>
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<tr>
<td>AMBER</td>
<td>-12VDC</td>
</tr>
<tr>
<td>IR850</td>
<td>-24VDC</td>
</tr>
<tr>
<td>IR940</td>
<td>-24VDC</td>
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Links (Click on the below items to view):

- WiringDiagram
- Hi-Res Image 1 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 2 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 3 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 4 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 5 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 6 - 10 Watt Explosion Proof LED Light
- Hi-Res Image 7 - 10 Watt Explosion Proof LED Light