

EPL-STK-24-3C

Explosion Proof LED Stack Light - 360° - Red, Amber, Green - Surface Mount - Flying Leads

Product ID: 148371

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



Image: EPL-STK-24-3C

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-STK-24-3C Explosion Proof Stack Light

Lamp Type: Explosion Proof LED Stack Light

Dimensions: W-26.82" L-6.00" H-30.12"

Weight: -

Voltage: 12V, 24V, 120V or 240V

Watts: 24W Max

Max Amperage: 0/2A @ 120V, 0.1A @ 240V, 2A @ 12V, 1A @ 24V

Lumens: 400 Lumens per lamp

LED Lamp Life Expectancy: 50,000+ Hours

Beam Angle: Full, 360 Degrees

Ambient Operating Temp: -40°C to +65°C

Materials: Tempered Glass (Lens), Aluminum

Mounting: Surface Mount via T-bracket

Wiring: Individual Flying Leads Per Light Color (3)

Colors: Red, Amber and Green

Lighting Configuration: Steady Burn or Strobe

Ratings/Approvals

United States & Canada

Class I, Division 1 Groups C and D

Class II, Division 1 Groups E and F

Class III

Waterproof

Compact, Cylindrical Design

360° Light Output

NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-STK-24-3C explosion proof LED stack light from Larson Electronics is suitable for warning systems in hazardous locations. Consisting of red, amber and green colors, the cylindrical unit provides full, 360° light output. Individual flying leads for each colored light offers customized signaling and control. The LED luminary is surface mount compatible and features the following voltage options: 12V, 24V, 120V or 240V.

The EPL-STK-24-3C is designed for real-time, visual notification in hazardous locations and industrial facilities. This LED stack light features red, amber and green colors. Taking on a compact, cylindrical design, the unit incorporates all three colors into a single assembly. For comprehensive notifications, the luminary offers 360° illumination. Operators may control each colored light individually, using different sets of flying leads for every light. The waterproof, explosion proof stack light comes with a polycarbonate lens for robust protection. Lighting configuration options include the following: steady burn or strobe.

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.

Mounting/Wiring: This explosion proof stack light is compatible with surface mounting configurations. During installation, operators can use the included T-bracket to secure the luminary on compatible flat surfaces, such as the top of equipment. The colored LED lights come with their own flying leads inside the junction box for separate control of every colored light. When connecting or syncing the stack light, operators can wire the system with individual colors, allowing the connected system to trigger specific colors, depending on the preferred configuration and signal sent to the unit.

Applications: Petroleum refineries, chemical and petrochemical plants, paint spray booths, food manufacturing buildings, woodshops, warehouses, hazardous locations, warning systems 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 Fags



Image: EPL-STK-24-3C



Image: EPL-STK-24-3C



Image: EPL-STK-24-3C



Image: EPL-STK-24-3C

EPL-STK-24-3C

Product ID: 148371

Export Control Classification Number (ECCN): EAR99

Options:

EPL-STK-24-3C-Voltage-Light Pattern

Example: EPL-STK-24-3C-12V-STB

Voltage		Light Pattern	
12V	-12V	STEADY BURN	-STB
24V	-24V	STROBE	-STRB
120V	-120V		
240V	-240V		

Links (Click on the below items to view):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/148371.PDF>)
- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/148371.PDF>)
- **STEP File (3D CAD Model)** (<https://www.larsonelectronics.com/images/product/Step/148371.ZIP>)
- **Wiring Diagram** (<https://www.larsonelectronics.com/images/product/WiringDiagram/148371.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/148371.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/148371.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/148371.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/148371.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/148371.JPG>)
- **HigResPic6** (<https://www.larsonelectronics.com/images/product/HigResPic6/148371.JPG>)
- **HigResPic7** (<https://www.larsonelectronics.com/images/product/HigResPic7/148371.JPG>)
- **HigResPic8** (<https://www.larsonelectronics.com/images/product/HigResPic8/148371.JPG>)
- **HigResPic9** (<https://www.larsonelectronics.com/images/product/HigResPic9/148371.JPG>)
- **HigResPic10** (<https://www.larsonelectronics.com/images/product/HigResPic10/148371.JPG>)
- **Video1** (<https://www.youtube.com/watch?v=SIRvzFxXV78>)
- **Video2** (<https://www.youtube.com/watch?v=VT9I4XTQdhw>)
- **Video3** (<https://www.youtube.com/watch?v=OGbw09xDtqI>)
- **Video4** (<https://www.youtube.com/watch?v=ZEWSEBXdzYE>)
- **Video5** (https://www.youtube.com/watch?v=12Quu_Q_Hml)
- **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>)