

EPL-PL-LED-24V

Explosion Proof LED Pilot Light - 24V AC/DC - C1D1, C2D1

Product ID: 148220

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



Image: EPL-PL-LED-24V

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-PL-LED-24V Explosion Proof Pilot Light

Lamp Type: LED

Dimensions: 3.87" L x 1.56" Diameter

External Length: 1.125"

Internal Length: 2.75"

Voltage: 24V AC/DC

LED Lifespan: 50,000+ Hours

Materials: Aluminum and Stainless Steel

LED Color Options: Red, Green, Amber, Blue, White or White Frosted

Hub Size: 3/4" 14 NPSM Threaded

Ratings/Approvals

Class I, Divisions 1 & 2, Groups C,D

Class I, Zones 1 & 2 Groups IIB,IIA

Class II, Division 1 & 2 Groups E,F,G

Class III

NEMA 3, 4, 4X, 7 (BCD), 9 (EFG)

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The EPL-PL-LED-24V from Larson Electronics is an Explosion Proof Pilot Light that is rated for Class I, Divisions 1 & 2; Class I, Zones 1 & 2; Class II, Divisions 1 & 2; and Class III hazardous areas. This unit comes with a 24V AC/DC low voltage LED light for illuminated notification. Color options include the following: red, green, amber, blue, white or white frosted (make selection below).

The EPL-PL-LED-24V explosion proof pilot light features a low voltage LED lamp that is available in an assortment of colors (make selection when ordering below). This unit measures 3.87" long (1.125" external length and 2.75" internal length), with a 3/4" 14 NPSM threaded hub. The EPL-PL-LED-24V is constructed of aluminum and stainless steel.

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.

Applications: Chemical processing facilities, food processing plants, oil refineries, agricultural sites, grain storage facilities, metal processing 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

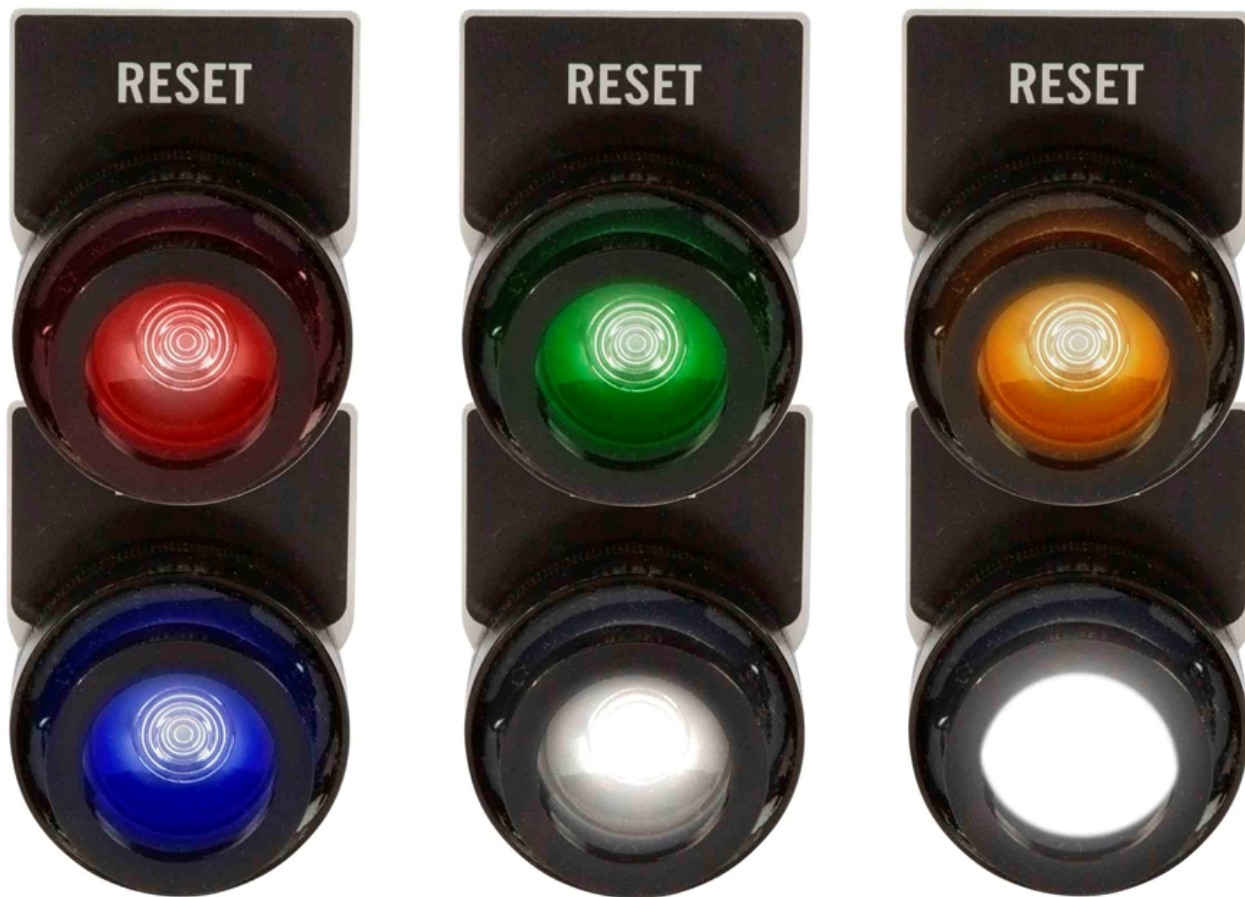


Image: EPL-PL-LED-24V



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EPL-PL-LED-24V

Product ID: 148220

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-PL-LED-24V-Color

Example: EPL-PL-LED-24V-RED

Color	
RED	-RED
GREEN	-GRN
AMBER	-AMB
BLUE	-BLU
WHITE	-WHT
WHITE FROSTED	-WHTFR



Links (Click on the below items to view):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/148220.PDF>)
- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/148220.PDF>)
- **STEP File (3D CAD Model)** (<https://www.larsonelectronics.com/images/product/Step/148220.ZIP>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/148220.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/148220.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/148220.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/148220.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/148220.JPG>)
- **HigResPic6** (<https://www.larsonelectronics.com/images/product/HigResPic6/148220.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>)