Larson Electronics LLC
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Product ID: 1984

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



Image:

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.

EXP-LED-PL1 Explosion Proof LED Pen Light
Lamp Type: LED
Dimensions: 6.21"L x 0.375"Diameter
Watts: -
LED Life Expectancy: 100,000 hours
Lumens: 11
Candela: 140
LED Light Color: White
Lighting Configuration: Pen Light
Beam Length: 24 Meters
Weight: 1.1oz (With Batteries)
Power: 3 "AAAA" Alkaline Batteries
Run Time: 24 Hours Continuous
Water Resistance: IPX4
Housing Material: Machined Aluminum Case w/ Anodized Finish
Housing Color: Black

Ratings/Approvals
Class I Division 1 Groups A, B, C & D
T3C Temperature Rating
II 1G EEx ia IIC T1
2 Meter Impact Resistance
CE Certified
IPX4 Water Resistant
Convenient Removeable Pocket Clip
Hazardous Location Classifications

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The EXP-LED-PL1 from Larson Electronics is an Intrincically Safe LED Pen Light that can run for up to 24 hours continuously and provides a convenient task light solution for use in hazardous locations. This LED pen light is rated for Class I Division 1 Groups

A, B, C and D hazardous areas. The EXP-LED-PL1 produces 11 lumens of high-intensity white LED light that is capable of illuminating objects up to 24 meters (~48 feet) away.

This LED pen light produces 11 lumens and can run for up to 24 hours continuously on a single set of batteries. This light is rated for use in Class I Division 1 Groups A, B, C and D hazardous locations. The EXP-LED-PL1 has a compact size and long run time that gives operators in hazardous locations a ready source of light any time it is needed. This penlight has momentary blink and constant on operation capability and includes a durable pocket clip for easy carrying in any shirt pocket.

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.

Power for this penlight comes from 3 "AAAA" alkaline batteries and the high intensity 5mm LED is impervious to shock while providing an operational lamp life of 100,000 hours. The housing on this unit is black in color.

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)

There are no Faqs

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Product ID: 1984

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

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/1984.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/1984.PDF)
- **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)