

Intrinsically Safe LED Penlight - 30 Lumens - 18 Hr. Runtime - C1D1 & C2D1 - Takes (2) AAA Batteries

EXP-LED-PL2

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



EXP-LED-PL2 Explosion Proof Pen Light

Lamp Type: LED

Dimensions: 5.8"L x 0.9" Head Diameter, 0.7" Handle Diameter

LED Life Expectancy: 50,000 Hours

Operation: Momentary Flash or Constant On

Lumens: 30

Weight: 1.9 oz With Batteries

Power: 2 "AAA" Alkaline Batteries

Run Time: 18 Hrs Continuous

Candela: 107

Beam Length: 40 Meters (131 Feet)

Waterproof Rating: IP67

Ambient Operating Temperature: -20°C to +40°C

Housing Material: Engineered Polymer

Housing Color: High-Vis Green

Mounting: Built-In Belt/Pocket Clip

[Hazardous Location Classifications](#)

Ratings/Approvals

Listed United States, Canada, IECEx, ATEX

Class I Division 1 Groups A, B, C and D

Class II Division 1 Groups E, F and G

Class III Division 1 Groups E, F and G

Class I, Zone 0, AEx ia IIC T3 Ga

Class I, Zone 0, Ex ia IIC T3 Ga

ATEX I M 1 Ex ia op is I Ma

ATEX II 1 G Ex ia op is IIC T3 Ga

IECEx Ex ia op is I MA

IECEx Ex ia op is IIC T3 Ga

T3 Temperature Ratings

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The EXP-LED-PL2 from Larson Electronics is an Intrinsically Safe LED Pen Light that can run for up to 18 hours continuously and outperforms similar penlights with a 30 lumen light output and a beam reaching 120 feet in length. The bright green housing of this pen light offers great visibility and an additional layer of safety.

This LED pen light produces 30 lumens and can run for up to 18 hours continuously on a single set of 2 AAA batteries. This light is rated for Class I Division 1 Groups A, B, C and D, Class II Division 1 Groups E, F and G and Class III Division 1 Groups E, F and G hazardous areas. This light features 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 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 pen light comes from 2 "AAA" alkaline batteries, and the high intensity LED produces 30 lumens resulting in a light beam up to 120 feet long. This explosion proof penlight carries an IP67 waterproof tested to 1 meter and a drop test rating of 2 meters. 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)





Warranty: 12 Months

Links (Click on the below items to view):

- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)