

EXP-LED-51

Explosion Proof LED Flashlight - Rechargeable LED Flashlight - 3 Modes - Class 1 Division 1

Product ID: 48432

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



Image: EXP-LED-51

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-51 Explosion Proof Flashlight

Listing: United States & Canada

Dimensions: 6" X 2" X 2"

Rechargeable: YES

Battery: NiCd

Lamp: C4 LED

Max Lumens: 130- 15,000 candela

High Output Runtime: 4 Hrs- 130 lumens- 15,000 candela

Low Output Runtime: 12 Hrs- 50 lumens- 5,700 candela

Dim Output Runtime: 480 Hrs- 1 lumen- 120 candela

Recharge Time: 12 hours

Light Color: White

Mounting: Handheld Flashlight

Charging Hub: Wall- Flat Surface mount

Rating/Approvals

Class I, Division 1, Groups C & D

Class I, Division 2, Groups A,B,C,D

Class II, Division 1, Groups F & G

Class III

ANSI/UL 913

CAN/CSA No. 157-92

T3C Temperature Rated - +138°C

Intrinsically Safe / Non-Incendice C1D2

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

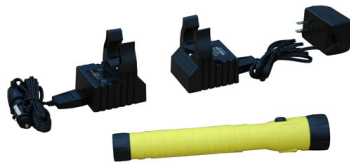
E-mail: sales@larsonelectronics.com

The explosion proof LED rechargeable LED flashlight is a highly versatile and effective lighting solution for operators who require a dependable source of powerful handheld illumination suitable for use in a variety of hazardous locations.

This rechargeable and explosion proof LED flashlight delivers high LED light output combined with rugged construction and a variety of lighting modes. This flashlight is rated Class 1 Division 1 and Class 2 Division 1 and produces 130 lumens of illumination using a C4 LED rated at 50,000 hours of operational life. A dual switch design allows users to toggle through three different light modes, "High", "Low" and "Dim". This LED flashlight has one of the lowest operating costs in the industry and provides an exceptional value for operators who need a portable explosion proof flashlight that is ready for use any time the need arises.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

This explosion proof LED flashlight can be toggled between light modes by holding the switch down for a predetermined amount of time. Simply pressing the switch once activates the light in high mode producing a far reaching 130 lumen light beam. Holding the switch down activates the light in low mode and produces a moderate 50 lumens of useable light that will last for 12 hours. Extreme runtime is produced by holding the switch down for ten seconds to activate the light in dim mode, producing 1.3 lumens of light at 120 candela that will last for up to 480 hours.

The charging unit for this LED flashlight can be mounted to a wall or flat surface, allowing the operator to place the entire light and charging unit in the most convenient location. The charging unit acts as a holder and the user simply snaps the light in and out of its charging base as needed. This is highly convenient in areas where operators regularly enter and exit hazardous locations to check on operations or conditions and need a portable source of illumination. This light is impact resistant, requires no cords or external connections, and its rechargeable batteries and C4 LED offer long runtimes and extreme overall unit life.

Included with this flashlight are 2 charging stands and two cords. Attach one of the charging cords to the stand to gain power, then snap the flashlight into the charging stand and the intrinsically safe flashlight will begin to charge. The 120V -240V wall plug cord (VAC) and 12V vehicle cigarette plug cord (VDC) are both included.



Frequently Asked Questions (FAQ)

There are no Fags



Image: EXP-LED-51



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EXP-LED-51

Product ID: 48432

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EXP-LED-51-Charger Voltage-Color

Example: EXP-LED-51-120-B

Charger Voltage		Color	
120V	-120	BLACK	-B
230V	-230	SAFETY YELLOW	-SY

Links (Click on the below items to view):

- **Dimensional Drawing 2D** (<https://www.larsonelectronics.com/images/product/DimensionalDrawing/48432.PDF>)
- **MSDS (Material Safety Data Sheet)** (<https://www.larsonelectronics.com/images/product/Msds/48432.PDF>)
- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/48432.PDF>)
- **SpecSheetSpanish** (<https://www.larsonelectronics.com/images/product/SpecSheetSpanish/48432.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/48432.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/48432.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/48432.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/48432.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/48432.JPG>)
- **HigResPic6** (<https://www.larsonelectronics.com/images/product/HigResPic6/48432.JPG>)
- **HigResPic7** (<https://www.larsonelectronics.com/images/product/HigResPic7/48432.JPG>)
- **HigResPic8** (<https://www.larsonelectronics.com/images/product/HigResPic8/48432.JPG>)
- **HigResPic9** (<https://www.larsonelectronics.com/images/product/HigResPic9/48432.JPG>)
- **HigResPic10** (<https://www.larsonelectronics.com/images/product/HigResPic10/48432.JPG>)
- **Video1** (<http://www.youtube.com/watch?v=rMLqO34GCjQ>)
- **Video2** (<http://www.youtube.com/watch?v=tkf8V2rGAug>)
- **ISO 9001 Certification** (<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate** (<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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