

EXP-LED-RL-FX5R

Explosion Proof Rechargeable LED Flashlight - 405 Lumens - 5 Light Patterns - Intrinsically Safe
Product ID: 48629

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



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-RL-FX5R Intrinsically Safe

Lamp Type: LED
Dimensions: 12.25" - L, 5.5" - OD
Weight: 6.5 lbs - 9 lbs w/ Charging Dock
Voltage: 120V or 240V AC
Amps: 1170mA
Lumens: 405
Lamp Life: 50,000+ Hrs
Beam Configuration: Wide Spot
Rotation/Pivot: 340° Rotating Head, 70° Pivoting Angle
Operational Modes: On, Off, Flash, Rotating and SOS
Lens Material: Unbreakable Lexan
Battery Type: Rechargeable Nickel Metal Hydride (6V)
Color: Green, Black
Runtime: 10 Hrs
Charge Time: 8 Hrs

Ratings / Approvals

Class I Division 1, Groups A, B, C & D
Class II , Groups E, F & G
Class III
cUL Listed
UL Certified
T4 Temp Rating
Induction Charging
Intrinsically Safe
Built-In Emergency Mode

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
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The Larson Electronics EXP-LED-RL-FX5R Explosion Proof Rechargeable LED Flashlight is designed for handheld lighting in hazardous locations and environments where potentially explosive vapors, gases and other volatile compounds may be encountered. This unit features five operational modes and a runtime of 10 hours. Operators may position the light by rotating and pivoting the head. The intrinsically safe portable light comes with a charging rack that powers the battery without charge contacts using induction charging

technology, and features a built in emergency mode that turns the light on automatically when power is cut.

The EXP-LED-RL-FX5R produces a powerful white beam of 405 lumens with extra functionality and utility through the inclusion of secondary rear-mounted LEDs. A trigger-style switch allows operators to cycle through five possible light modes (On, Off, Flash, Rotating and SOS) for the six rear blue signaling lights. Operators may choose to utilize rear mounted LEDs independently or in tandem with the main forward LEDs. Positioning of the intrinsically safe unit includes vertical or horizontal, as well as 340° rotation with a 70° pivoting angle (light head).

The explosion proof flashlight comes with the following ratings: Class I, Division 1 Groups A, B, C & D; Class II, Groups E, F & G; and Class III.

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.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

Durability: The EXP-LED-RL-FX5R housing is constructed of lightweight and impact resistant ABS plastic, offering a non-slip ergonomic grip design and high durability. This explosion proof LED flashlight is impact and vibration resistant, water resistant and has no exposed metal or contacts. The light head on this unit is adjustable and can be pivoted through a wide range of directions to improve functionality and versatility, allowing users to use the unit as a hand carried flashlight or stationary area light as needed.

Charging/Power: Powering the explosion proof flashlight is a rechargeable nickel metal hydride battery at 6V. The power cell offers over 500 charging cycles. Charging is done via an included induction charging rack, which takes up to 8 hours for a full charge. Runtime for the EXP-LED-RL-FX5R is up to 10 hours. This flashlight includes a built in emergency mode that automatically turns the light on when power is cut. The light will automatically switch to battery power and turn on when the power goes out, making it easy to find in the dark.

Applications: Hazardous locations, confined spaces, inspections, chemical processing plants, food processing facilities, mining, law enforcement, shipyards, oil and gas, remote illumination, agricultural operations, grain storage facilities, detailed tasks 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.

High Quality Construction

1. High Intensity LEDs- 405 Lumens
2. Trigger-activated Switches
3. Single or Tandem Front Rear Light Operation
4. Water Resistant
5. Chemical/Impact Resistant
6. 12 hour Runtime
7. Explosion Proof UL / Atext Approval
8. Unbreakable Lexan Lens
9. High impact ABS Plastic Housing

Superior LED Benefits

1. Extreme long life.
2. High efficiency and low amp draw.
3. High durability and reliability.
4. Small size and light wieght.
5. 100% recyclable.
6. No toxins-lead, mercury.
7. High light output.
8. Consistent color over time.
9. High Versatility.
10. No fragile glass used in construction.
12. Vibration/impact resistant.

Frequently Asked Questions (FAQ)









EXP-LED-RL-FX5R

Product ID: 48629

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EXP-LED-RL-FX5R-Charger

Example: EXP-LED-RL-FX5R-120V

Charger	
USA	-120V
SCHUKO	-SCHUKO
UK BS1362	-BS1363

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [Certificate 1, Misc](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [HigResPic10](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)