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EXPRL-96-220V

Class I, Div. I & II Rechargeable LED Flashlight - Spot&Flood Combo - 18hr. Runtime - 220VAC Charger

Product ID: 47500

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.

EXPRL-96-220V Intrinsically Safe
Lamp Type: LED Light Emitting Diode
Dimensions: Dia-1.75" Length-13.6 "
Weight: 28 Oz
Power: Rechargeable NiMH Batteries
Runtime: 18 hrs High Mode, 9 Hours Low Mode
Lumens: 240 Spot Beam- 320 Flood Beam 560 Total Dual Mode
Lamp Life: 50,000 hrs
Operating Temp Range: 30°C to +60°C
Waterproof: Yes- Rated to 1 Meter
Charging unit: 12VDC Vehicle- 120-277-220 Int Wall Charger

Spanish Spec Sheets for Two Way LED Explosion Proof Light

Explosion Proof Light Design Description

NTRL Listing
Class 1, 2, 3 Div 1, 2
Groups C,D
Explosion Proof/Intrinsically Safe
Waterproof to 1 Meter
FCC approved Part 15 and 18
No EM interference with communication or acute care medical electronics

Special Orders - Special Requirements
Contact us for special requirements

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Made in The USA

The EXPRL-96-220V Explosion Proof-Intrinsically Safe LED Trouble Light is designed to handle the demands of working within hazardous locations and environments where potentially explosive vapors, gases and other volatile compounds may be encountered. This intrinsically safe LED trouble light comes a with a lifetime warranty and produces a

powerful 240 lumen spotlight light beam and 320 lumens in floodlight mode. This LED trouble light adds extra functionality and utility through the inclusion of an independently operable secondary flood type beam. The main beam from this compact and lightweight LED trouble light is tightly focused to produce a beam of bright white light capable of reaching up to 110 feet in length. A secondary flood beam can be operated independently of the main light to produce a 320 lumen flood pattern of light covering approximately 90 square feet useful for close work and general illumination.
Either beam can be operated alone to produce a 240 lumen spotlight or floodlight beam, or in combination to produce a total of 560 lumens of light. This light can also be switched between half power mode for maximum runtime and full power mode for maximum light output when in floodlight mode. Made in the USA, this explosion proof LED can be charged from 12 volt vehicle sources and US/International wall outlets. Versatile configuration works with 12 VDC and 100 VAC to 240 VAC at 50/60 HZ - wall outlet plug and vehicle cigarette plug included. This includes domestic 120VAC and international 220VAC currents. The EXPRL-96 comes with a quick release charging cradle, ceiling hook and belt ring. This LED trouble light is versatile, rugged and can serve in industrial, public and commercial applications with ease. The charger on this unit is designed to operate with 220 50/60Hz current.



Spot beam at 50 feet
Click Photo to Enlarge



Flood beam at 50 feet
Click Photo to Enlarge



Combination Flood/Spot
Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

Both the flood and spot beams of this trouble light are actuated via their own momentary or constant on switches. The high intensity LEDs used in this trouble light can produce a 240 lumen spot beam or a 320 lumen flood beam of light or a 560 lumen combination of each and offer 50,000 hour lifespans. These high efficiency LEDs produce a 18 hour runtime when operating in low mode and a 9 hour runtime when operating in full power mode.
The housing is constructed of lightweight and chemical resistant polymer that offers non slip grip and high durability. This LED trouble light is impact and vibration resistant, waterproof to one meter, and comes with an included ceiling hook and belt ring for easy positioning and carrying convenience. This intrinsically safe trouble light is approved Class 1, 2, 3 Div 1, Class 1, 2, 3, Div 2 and offers users the highest level of hazardous location protection available while providing the safety and efficiency of brilliant LED illumination.

Charging System:
Versatile configuration works 12 VDC and 100 VAC to 240 VAC at 50/60 HZ- 220 VAC International - wall outlet plug and vehicle cigarette plug included.
Single quick release cradle can be desk or wall mounted and vehicle mounted with DC connection provided.
Fast charge rate - full charge in 3 hours from fully depleted state - overcharge protection and LED indicators to show battery status.
Energy and function management system assures maximum energy capacity with no risk of over-charge and lower operating cost.
Battery Pack:
Medical grade, rechargeable NiMH.
Full charge every charge with no capacity degradation due to recharge memory.

1000+ recharge cycles.
Earth Friendly NiMH battery does not pollute the environment.

High Quality Construction

1. High Intensity LEDs- 560 Total Lumens
2. Momentary/Constant On Switches
3. Single or Tandem Light Beam Operation
4. Waterproof
5. Chemical/Impact Resistant
6. 18 hour Runtime
7. Intrinsicallyy Safe Approval
8. Ceiling Hook/Belt RingCarry
9. Wall outlet plug/vehicle cigarette plug included

Superior LED Benefits

1. Extreme long life.
2. High efficiency and low amp draw.
3. High durability and reliability.
4. Small size and light weight.
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.

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Frequently Asked Questions (FAQ)

EXPRL-96-220V

Product ID: 47500

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **SpecSheetArabic**
- **SpecSheetFrench**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**