Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EXPRL-95

Intrinsically Safe LED Light - Convenient Hanging Hook and Belt Ring - Spot & Flood - Rechargeable 9

Product ID: 1844

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-95 Intrinsically Safe
Lamp Type: LED Light Emitting Diode
Dimensions: Dia-1.75" Length-13.6 "
Weight: 27 Oz
Power: Rechargeable NiMH Batteries
Runtime: 9 Hours Flashlight, 6 Hours Dual Light

Lumens: 240 Spot Beam-155 Flood Beam-115 Dual Light

Lamp Life: 50,000 hrs
Operating Temp Range: 30°C to +60°C

Waterproof: Yes- Rated to 1 Meter

Explosion Proof Light Design Description

Spanish Spec Sheets for Two Way LED Explosion Proof Light

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

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in The USA

The EXPRL-95 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 produces a powerful 240 lumen spotlight light beam and 155 lumen 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 155 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 155 lumen floodlight beam. 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 trouble light offers up to 9 hours battery run time on a 6 hour charge from 12 volt vehicle source and US/International wall outlets. The EXPRL-95 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.



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

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 155 lumen flood beam of light and offer 50,000 hour lifespans. These high efficiency LEDs produce a 9 hour runtime when operating in flashlight mode and 6 hour runtime when operating in dual-light mode.
The housing is constructed of lightweight and chemical resistant Polycarbonate/ABS alloy 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 - 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
2. Momentary/Constant On Switches
3. Single or Tandem Light Beam Operation
4. Waterproof
5. Chemical/Impact Resistant
6. 9 hour Runtime
7. Intrinsically Safe Approval

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.

8. Wall outlet plug/vehicle cigarette plug included
9. Convenient Belt Ring and Hanging Hook
10. No fragile glass used in construction.
12. Vibration/impact resistant.

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Frequently Asked Questions (FAQ)









EXPRL-95

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**