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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

RUL-10-EP

Explosion Proof LED Light - Rechargeable Lithium Ion Battery - 16 hours run time - RUL-10-EP EXP Lan

Product ID: 1622

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



Image: RUL-10-EP

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.

RUL-10-EP Hazardous Location Portable Light

Lamp Type: LED
Dimensions: 9.5"-L 3.125"-Dia 5.125"-H
Weight: 2 Lbs.
Power: Rechargeable Lithium-Ion Batteries
Runtime: 8 Hours Hi / 16 Hours Low
Lumens: 225 Hi / 100 Low
Candela: 120,000 CP
Beam Type: Spot
Operating Temp Code: T1 (Div 1) / T5 (Div 2)
Charging unit: 120V or 240V AC 50/60 Hz, or 12/24V DC
Cord Cap: 5-15P (120V), Schuko (240V), or Cigarette Plug (12/24V DC)
Ambient Temp Rating: -20°C to +50°
Waterproof: Yes- Tested 24 hrs. @ 1 foot
Explosion Proof Light Design Description

UL Approval

Class I, Division 1, Groups C & D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1 & 2, Groups E, F, G
UL 913
CSA 22.2 No. 157
Intrinsically Safe
Ingress Protection IP67
Tested to 1` Submersion @ 24hrs

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in The USA

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

The RUL-10-EP Explosion Proof Portable LED Light is Class 1 Divisions 1 & 2 and Class 2 Divisions 1 & 2 approved and provides up to 16 hours of runtime on a single charge. A high output LED assembly, versatile charging options, lithium ion batteries, and articulating head are only a few of this lights` features. The durability and power of this rechargeable portable light make it ideal for applications including emergency services, utility work, hazardous locations and more.

This portable explosion proof lantern is rechargeable and produces a 120,000 candela peak beam intensity reaching over 1,400` in length. This lightweight unit weighs only 2 pounds and is powered by lithium ion batteries that require no special charging procedures and have no charge memory issues. Using the latest lithium ion battery technology allows this unit to be recharged regardless of current charge levels, so there is no need to fully discharge the light before recharging. The battery will hold its charge for 18 months, even when on the shelf. However, the smart charging technology enables the operator to leave the light on the docking station indefinitely.

The docking station can be placed on a table, mounted to a wall or vehicle mounted. Included is an LED battery status indicator light. The battery status indicator activates when there is 30 minutes of light remaining. This feature compliments the lithium ion technology by monitoring battery status, allowing the user to effectively manage their time. The lithium ion battery pack in this unit also helps this unit a achieve a 33% lighter weight than its competitors, an important consideration for firefighters whose basic equipment can already weigh 65-70 lbs.

Available in the following colors



Black



Yellow



Orange



Click Image to Enlarge



Click Image to Enlarge



Click Image to Enlarge

This light is waterproof to provide all weather durability and has an articulated head which allows the user to position the lamp head through 90 degrees of movement for the most convenient handling. The durable housing is constructed of impact resistant nylon and has a rubberized coating and ribbed handle for added durability and improved grip. The high output LED package in this unit is combined with a high quality reflector to produce 225 lumen (120,000 candela) high beam and 100 lumen low beam. The high powered LED assembly provides a strong beam that is comparable to the output of more powerful and higher priced flashlights. This unit also includes a pair of flashing red and white LEDs located on the tail of the unit that can be used as warning or

indicator lamps. Control of the RUL-10-EP operating modes is via a three way toggle switch which allows the main light to be operated alone or in tandem with the flashing tail lights, producing an ideal emergency services or utility light that can serve in a wide variety of situations.



Road lit by street light.



The RUL-10-EP illuminating the road 500 feet away.

The Lithium-Ion, 6600mAH, 7.8V batteries in this unit are charged via an included 120 Volt AC wall charger and charging cord that is suitable for domestic use. Also available is an optional DC charger for 12V DC and 24V DC charging. This unit is charged in approximately 4.5 hours and has a runtime of 5 hours on a single charge. This light is waterproof and tested to 24 hours of submersion at 1 foot. Also included with this light is a carrying strap for easy carrying and a choice of black, yellow and orange colors are available. .

Class Ratings include:
Class I, Division 1, Groups C and D - T1 Operating Temperature Rating
Class I, Division 2, Groups A, B, C, D - T5 Operating Temperature Rating
Class II, Division 1, Groups E, F, G - T1 Operating Temperature Rating
Class II, Division 2, Groups E, F, G - T5 Operating Temperature Rating
UL 913
CSA 22.2 No. 157
Intrinsically Safe
Ingress Protection Level IP67 Waterproof

This light is Made in the USA. We offer a country of origin certification that is available upon request. This lamp also comes with a limited lifetime warranty so you can be assured of quality and service with your purchase of this unit.

High Quality Construction

1. High Power Lamp- 225 Total Lumens 120,000 candlepower.
2. Heavy duty nylon housing with rubberized coating.
3. Single beam or tandem light and flashing tail light operation.
4. IP67 Waterproof
5. Chemical and impact resistant housing
6. 16 hour Runtime on single charge.
7. Class 1 Division 1&2, Class 2 Division 1&2 Approval.
8. Lithium Ion battery pack.
9. 120 VAC or 240 VAC Wall outlet charger / Optional 12/24 VDC charger
10. LED Battery status indicator light.

11. 90 Degree articulating head.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs



Image: RUL-10-EP



Image: RUL-10-EP



Image: RUL-10-EP



Image: RUL-10-EP

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

RUL-10-EP

Product ID: 1622

Export Control Classification Number (ECCN): EAR99

Options:

RUL-10-EP-Finish-Charger Voltage
Example: RUL-10-EP-BLK-120VAC

Finish	
BLACK	-BLK
YELLOW	-YELL
ORANGE	-OR

Charger Voltage	
120VAC WALL	-120VAC
220V SCHUKO WALL	-INTL
12/24 VDC CAR	-1224VDC

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/1622.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/1622.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/1622.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/1622.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/1622.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/1622.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/1622.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/1622.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/1622.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/1622.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/1622.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/1622.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/1622.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/1622.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/1622.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/1622.JPG)
- **Video1**(https://www.youtube.com/watch?v=skqqsOh52-M)
- **Video2**(https://www.youtube.com/watch?v=-b65nsdzUcs)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)