

EPL-TL-XRL91-100

Adjustable Explosion Proof LED Turn Flashlight - Rechargeable LED Light - 100ft Cord Reel

Product ID: 64285



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.

EPL-TL-XRL91-100 Adjustable Explosion Proof LED Light

Lamp Type: LED Light Emitting Diode
Dimensions: Dia-1.25" Length-9.6"-Light
Weight: 10 Oz
Power: Rechargeable NiMH Batteries
Runtime: 2 hrs Spot Mode, 2 Hours Dual Beam Mode
Lumens: 160 Spot Beam- 200 Flood Beam 360 Total Dual Mode
Lamp Life: 50,000 hrs
Operating Temp Range: 30°C to +60°C
Waterproof: Yes- Rated to 1 Meter
LUX Measurements:-Flood At lens: 64,600 At 10 ft: 23
LUX Measurements-Spot: At lens: 166,800 At 10 ft: 111

NTRL Listing

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

Special Orders - Special Requirements

Contact us for special requirements
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Made in The USA

The EPL-TL-XRL91-100 Adjustable Explosion Proof Intrinsically Safe LED Turn Flashlight 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 flashlight is designed to drop down into 2 inch diameter holes to provide lighting to areas where larger and more bulky fixtures will not fit. The light is mounted to a bracket that can be adjusted via the push/pull handle at the end of the cable. This handle provides operators 90 degrees of tilt. 100 foot of push/pull cable within an industrial grade reel is equipped with this light.

The main beam from this compact and lightweight LED flashlight is designed to produce a

beam of bright white light capable of reaching over 25 feet in length. A secondary flood beam can be operated independently of the main light to produce a 200 lumen flood pattern of light covering approximately 15 square feet, useful for close work and general illumination. Either beam can be operated alone to produce a 160 lumen spotlight or 200 lumen floodlight beam, or in combination to produce a total of 360 lumens of light. Made in the USA, this explosion proof LED adjustable turn flashlight offers 6 hours of runtime in flashlight mode, 5 hours in floodlight mode, and 2 hours with both spot and flood beams engaged. This intrinsically safe flashlight comes with a 100 VAC to 240 VAC at 50/60 HZ - wall outlet plug and 12 VDC vehicle cigarette plug for versatile charging options. This LED flashlight is versatile, rugged and ideal for industrial, public and commercial applications where an intrinsically safe source of illumination is required.



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The housing is constructed of lightweight and chemical resistant polymer that offers a checkered non slip grip and high durability. This LED flashlight is impact and vibration resistant, waterproof to one meter, and comes with an included 120-240 VAC and 12 VDC vehicle plug charging unit for convenient recharging. This intrinsically safe flashlight is approved Class 1, Div 1 & 2, Class 2, Div 1 & 2 and offers users the best hazardous location protection available while providing the safety and efficiency of brilliant LED illumination.

Charging System:

Versatile configuration works on 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- 360 Total Lumens
2. Momentary/Constant On Switch
3. Single or Tandem Light Beam Operation
4. Waterproof
5. Chemical/Impact Resistant
6. 6 hour Runtime
7. Intrinsically Safe Approval
8. Non slip polymer housing.
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)