

## EXP-LED-HL-1W

### Explosion Proof Headlight - Class 1 Division 1 Headlight

Product ID: 64290

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-HL-1W LED Headlight

Lamp Type: Luxeon® LED

Dimensions: Face cap diameter: 1.88" Housing W-2.50" L-3.08

Watts: 1

Mounting: Elastic Head strap or Rubber Hard Hat Strap

Lumens: 120

Runtime: 11 Hours, Declining to 25% Output

LED Life Expectancy: 50,000 hours

Materials: Impact Resistant Resin Housing, Polycarbonate Lens

Power: BATTERY: Three (3) "AA" size alkaline cells

#### Approvals

Class I, Division 1, Groups A, B, C, D

Class 2 Division 1 Groups E, F, G

Class III Temperature Code: T4

European Community Directives

ATEX: II 1G EEx ia IIC 115C- DEMKO 07 ATEX 0613960

[Explosion Proof Light Design Description](#)

[Light Temperature Rating Table](#)

[Hazardous Location Classifications](#)

CE Certified

#### Special Orders - Special Requirements

Contact us for special requirements

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#### **Buy American Compliant**

The EXP-LED-HL-1W Explosion Proof Headlight is ideal for a wide variety of uses including Industrial Safety, Public Works & Utilities, Law Enforcement, Hardware/Tool, Automotive, Marine, Sporting Goods and Consumer applications. A single high intensity Luxeon LED emitter mounted within a lightweight housing provides up to 11

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**hours of useable light and can be either worn on the head or attached to a hard hat with the included elastic or rubber straps.**

The EXP-LED-HL-1W explosion proof LED headlight from Larson Electronics produces an intense light beam while providing up to 11 hours of illumination. A single 1 watt Luxeon® high intensity LED mounted within an impact resistant housing is powered by 3 AA batteries to produce a long lived light beam of up to 120 lumens in output. Included with this explosion proof headlight are an elastic head strap and a rubber hard hat strap to allow users to either wear the unit directly or mount it to their hard hats for ease of operation.

Featuring a housing constructed of impact resistant engineering resin that has been drop test verified, an unbreakable polycarbonate lens, and a single 1 watt Luxeon® high intensity LED rated at 50,000 hours of operating life, this headlight provides users with a highly convenient and safe light source that leaves their hands free for work operations. Rubber O-ring sealed and weather resistant, this headlight has a rubber dome push button switch that allows easy operation even when wearing gloves.

UL Classified Class I, Division 1, Groups A, B, C, D, Class 2 Division 1 Groups E, F, G, Class III Temperature Code: T4, this light is safe for use in environments containing gases, vapors and various dusts. This unit will operate for up to 11 hours on a fresh set of AA batteries, and as battery power drops, output declines to 25% at the end of battery life.

[Click Photo to Enlarge](#)

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## Frequently Asked Questions (FAQ)









**EXP-LED-HL-1W**

**Product ID: 64290**

**Harmonized System (HS) Code:** 9405.41.84.10

**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)