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

Product ID: 105683

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



Image:

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-MX2 Intrinsically Safe
Listing: United States - Canada
Lamp Type: CREE LED
Dimensions: 2.1"-L 2.6"-W 1.8"-D
Weight: 3.3 oz
Power: (3) AAA Alkaline Batteries
High Spotlight Lumens: 115
Low Spotlight Lumens: 60
High Floodlight Lumens: 120
Low Floodlight Lumens: 60
Dual-Light Lumens: 160
Candela High: 1,668
Candela Low: 882
Lamp Life: 50,000+ Hours
High Spotlight Runtime: 5 Hours
Low Spotlight Runtime: 16.25 Hours
High Floodlight Runtime: 5.25 Hours
Low Floodlight Runtime: 16.75
Dual-Light Runtime: 3.5 Hours
Waterproof: Yes- Rated to 1 Meter
Waterproof Rating: IP-X7
Drop Rating: 2 Meters
Switch Functions: Dual Switches - High/Low Spotlight, High/Low Floodlight, High/Low Spotlight and Floodlight Combo
Case Material: Engineered Polymer

cETLus Approval
Classified Class I, Division 1, Groups A, B, C, D
Class II,III Groups E,F,G
CLASS I ZONE 0 AEx ia IIC T3 Ga
CLASS I ZONE 0 Ex ia IIC T3 Ga
Ex ia IIC T3 Ga
Intertek ITS 13 ATEX27928X
IECEx ETL 13.0045X
IP-X7 Waterproof To 1 Meter

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Mounting: Elastic Head Strap or Rubber Hard Hat Strap
Available Colors: Green

Fax: 1-903-765-7664
E-mail:sales@larsonelectronics.com

Buy American Compliant

The Larson Electronics EXP-LED-HL-MX2 Intrinsically Safe Multi-Function LED 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. Two high intensity CREE LED emitters mounted within a lightweight housing and provides up to 16 hours of useable light and can be either worn on the head or attached to a hard hat with the included elastic head strap with a non-slip lining and a heavy-duty rubber head strap for use on the headlight for maximum safety.

The EXP-LED-HL-MX2 explosion proof LED headlight produces an intense light beam while providing up to 16 hours of illumination. Two high intensity CREE LEDs mounted within an impact resistant housing is powered by 3 AAA batteries to produce a long lived light beam of up to 160 lumens in output. Included with this explosion proof headlight are an elastic headstrap 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.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

Featuring a housing constructed of impact resistant engineered polymer that has been drop test verified from 2 meters, an unbreakable polycarbonate lens with a scratch resistant coating, and an IPX7 waterproof rating tested at 1 meter. This headlight provides users with a highly convenient and safe light source that leaves their hands free for work operations. This headlight features two high output CREE LED emitters for up to five modes of illumination. The adjustable rubber straps allow this unit to be mounted to hard hats without slipping, and will fit all head sizes.

Two rubber dome push button switches allows easy operation between modes even when wearing gloves. The right push button operates the spotlight, whereas the left switches between high/low spotlight, high/low floodlight and high/low for spot and flood combined. The full power spotlight produces 115 lumen and a beam reaching over 250 feet in distance with an 5 hour runtime. The half power spotlight produces 60 lumen with an 16 hour runtime. The full power floodlight produces 120 lumens with a 5.25 hour runtime. The half power floodlight produces 60 lumens with a 16 hour runtime. The spot and flood combined produces 160 lumens with a 3.5 hour runtime. Operators can activate both spotlight and floodlight beams for up to 160 lumens and a 3.5 hour runtime.

ETL Classified Class I, Division 1, Groups A, B, C, D, Class 2 and Class III Groups E, F, G, Class III Temperature Code: T3, this light is safe for use in environments containing gases, vapors and various dusts. This unit will operate for to 16 hours on a fresh set of AAA batteries, and as battery

power drops, output declines to 25% at the end of battery life.

Note: Hard hat shown not included.

High Quality Construction

1. 2 High Intensity CREE LEDs- 160 Lumens
2. Dual switches located on top of light.
3. Single or Tandem Light Beam Operation
4. Waterproof
5. Chemical/Impact Resistant
6. 16 hour Runtime
7. Intrinsically Safe Approval
8. Lightweight

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.

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

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



Image:

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



Image:



Image:



Image:

Product ID: 105683

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/105683.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com//images/product/SpecSheetSpanish/105683.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/105683.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/105683.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/105683.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/105683.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/105683.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/105683.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/105683.JPG)
- **HigResPic8**(https://www.larsonelectronics.com//images/product/HigResPic8/105683.JPG)
- **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)