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

EXP-LED-HL-HC-MX2

Intrinsically Safe Dual Headlamp - Five Modes, Battery Powered - C1D1 - Spot/Flood Beam - SS Clip

Product ID: 149034

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-HC-MX2 Intrinsically Safe LED Headlamp
Listing: United States - Canada
Lamp Type: CREE LED
Dimensions: 2.1"-L 2.6"-W 1.8"-D
Weight: 3.4 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 Hours
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

Ratings/Approvals
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
Strapless Mounting

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

Case Material: Engineered Polymer
Mounting: Integrated SS Clip w/ Adhesive Hard Hat Bracket
Color: Green

Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics EXP-LED-HL-HC-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 provides up to 16 hours of useable light. A stainless steel clip with an adhesive bracket base provides strapless mounting on hard hats and compatible surfaces.
******Note: Hard hat shown not included.******
The EXP-LED-HL-HC-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 is a clip mounting system with an adhesive bracket (no strap) for ease of operation.
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.
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.
LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.
Durability: 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.
Mounting: The EXP-LED-HL-HC-MX2 mounts onto hard hats and other preferred surfaces using a stainless steel clip on the back of the LED lamp and an adhesive bracket. When in use, operators can remove the unit seamlessly by pulling the light out of the mount. Compared to traditional hard hat mounting straps, which are prone to snagging, tearing and absorbing hazardous substances in the work site, this mounting method is considered to be sturdier and more reliable.
Applications: Inspections, hazardous locations, flammable work sites, oil and gas, chemical processing, repair, maintenance, confined spaces, detailed tasks, portable lighting, monitoring and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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3M VHB

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EXP-LED-HL-HC-MX2

Product ID: 149034

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**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**