Larson Electronics LLC
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EXP-LED-HL-405-MHL

Intrinsically Safe LED Mining Headlamp - C1D1 / C2D1 - 282' Beam - ATEX /IECEx - Twist Activation

Product ID: 147772

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



Image: EXP-LED-HL-405-MHL

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-405-MHL Intrinsically Safe LED Headlamp

Unit Type: Intrinsically Safe LED Headlamp
Dimensions: 2.75" x 2.3" x 2.3"
Weight: 3.8 Oz
Voltage: 12V DC
Watts: -
Lumens: 132
Beam Distance: 282`
LED Lamp Life Expectancy: 50,000+ Hours
Ambient Operating Temperature: -20°C to +45°C
Temperature Code: T4
Switch Type: Rotary Twist Activation
Battery Size: (3) AAA
Run-time: 6 Hrs
Color: Black/Yellow

Ratings/Approvals

Class I, Divisions 1 & 2, Groups A,B,C,D
Class II, Divisions 1 & 2, Groups E,F,G
Class III, Divisions 1 & 2
ATEX (M1/M2) /IECEx
Specially Designed for Mining
Screw Battery Compartment Design
Adjustable Headband
IPX7 Waterproof

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
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The EXP-LED-HL-405-MHL Intrinsically Safe LED Headlamp from Larson Electronics is a compact, portable unit that is suitable for Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 hazardous locations. The specially designed mining headlamp is capable of

illuminating distances up to 282`. Running on 3 AAA batteries, this unit features a rotary switch for quick activation with gloved hands. The luminary is offered in the following light color options: white or amber.

The intrinsically safe LED headlamp offers intense illumination in hazardous locations, which includes gas processing facilities and mining sites. The portable luminary emits 132 lumens of light, reaching 282` with a runtime of 6 hours. The white light version is ideal for general, bright illumination, while the amber light variant is suitable for illuminating dark fog or thick smoke. Weighing 3.8 ounces, this luminary is extremely lightweight. Operators may activate the light using a rotary switch that is easily accessible with gloved hands.

The EXP-LED-HL-405-MHL comes with several safety features for use in rugged, unpredictable hazardous locations. A screw design protects the battery component, giving operators safe and easy access to the compartment. The luminary features an adjustable headband for secure fittings on helmets or directly on heads. This intrinsically safe unit is ATEX/IECEx approved and IPX7 waterproof with a T4 temperature code. The portable headlamp is not MSHA-rated, but meets ATEX M1/M2 regulations for overseas mining operations.

Applications: Overseas mining, hazardous locations, chemical processing plants, refineries, oil and gas, construction, gas facilities, agricultural sites, fire fighting, task lighting, confined spaces, portable lighting, temporary lighting, emergency lighting 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)

There are no Faqs

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EXP-LED-HL-405-MHL

Product ID: 147772

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

Options:

EXP-LED-HL-405-MHL-Light Color
Example: EXP-LED-HL-405-MHL-WHT

Light Color	
WHITE	-WHT
AMBER	-AMB

Links (Click on the below items to view):

- **SpecSheetFrench**(https://www.larsonelectronics.com/images/product/SpecSheetFrench/147772.PDF)
- **SpecSheetRussian**(https://www.larsonelectronics.com/images/product/SpecSheetRussian/147772.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/147772.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/147772.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/147772.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/147772.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/147772.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/147772.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/147772.JPG)
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