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EXP-LED-HL-404-DFX

Intrinsically Safe LED Headlamp - C1D1 / C2D1 - 328' Beam - IP67 - ATEX /IECEx - High/Low Beam

Product ID: 147771

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-404-DFX Intrinsically Safe LED Headlamp
Unit Type: Intrinsically Safe LED Headlamp
Dimensions: 3.1" x 1.9" x 1.7"
Weight: 4.5 Oz
Voltage: 12V DC
Watts: -
Lumens: 100 (Low), 200 (High)
Beam Distance: 246` (Low), 328` (High)
LED Lamp Life Expectancy: 50,000+ Hours
Ambient Operating Temperature: -20°C to +45°C
Temperature Code: T4
Light Settings: Low, High and Off
Battery Size: (3) AAA
Run-time: 4.5 Hrs (Low), 2.5 Hrs (High)
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 /IECEx
Rotational Light Head
Locking Battery Compartment
Dual Beam Settings (Low or High)
IP67 Waterproof

Special Orders- Requirements
Contact us for special requirements

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The EXP-LED-HL-404-DFX 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 robust headlamp is capable of illuminating distances up to 328` (high beam setting). Running on 3 AAA batteries, this unit features a rotational light head (up to 90 degrees) and low/high dual beam settings for various lighting requirements on the work site.

The intrinsically safe LED headlamp offers intense illumination in hazardous locations, which includes gas processing facilities and agricultural sites. The portable luminary supports the following beam settings: low or high. In low beam mode, the unit emits 100 lumens of white light, reaching 246` with a runtime of 4.5 hours. In high beam mode, the headlamp emits 200 lumens of white light, reaching 328` with a runtime of 2.5 hours. Weighing 4.5 ounces, this luminary is extremely lightweight. Operators may adjust the light head up to 90 degrees for illuminating nearby targets.

The EXP-LED-HL-404-DFX comes with several safety features for use in rugged, unpredictable hazardous locations. A locking mechanism protects the battery component, giving operators safe and easy access to the compartment. The luminary features a sturdy, impact-resistant construction and an adjustble headband for secure fittings on helmets or directly on heads. This intrinsically safe unit is ATEX/IECEx approved and IP67 waterproof with a T4 temperature code.

Applications: Hazardous locations, chemical processing plants, refineries, oil and gas, mining, 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)


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EXP-LED-HL-404-DFX

Product ID: 147771

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetFrench**
- **SpecSheetRussian**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**