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EXP-LED-402-FFHL

Intrinsically Safe LED Spotlight for Fireman Helmet - C1D1 / C2D1 - 564' Beam - IP67 - ATEX/IECEx

Product ID: 147778

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-402-FFHL Intrinsically Safe LED Spotlight for Fireman Helmet
Unit Type: Intrinsically Safe LED Spotlight for Fireman Helmet
Dimensions: 6.8" x 1.8" x 1.8" - Lamp
Weight: 1 lb
Voltage: 12V DC
Watts: -
Lumens: 31 (Low), 120 (High)
Beam Distance: 278` (Low), 564` (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: (4) AA
Run-time: 9.15 Hrs (Low), 6 Hrs (High)
Mount: Clip-on Fireman Helmet Mount
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
Valve Design Releases Hydrogen Gas
Removable and Portable
Lockable On/Off Switch
IP67 Waterproof

Special Orders - Special Requirements
Contact us for special requirements

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The EXP-LED-402-FFHL Intrinsically Safe LED Spotlight for Fireman Helmet from Larson Electronics is designed to protect firefighters by providing illumination in Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 hazardous locations. The heavy-duty helmet accessory is capable of illuminating distances up to 564` (high beam setting). Running on 4 AA batteries, this battery-powered unit features an aluminum heat sink and a

lockable on/off switch to prevent unwanted activation in hazardous locations.

The essential fireman accessory offers intense illumination during operation in hazardous locations, which includes gas processing facilities and agricultural sites. The portable lighting gear supports the following beam settings: low or high. In low beam mode, the unit emits 31 lumens of white light, reaching 278` with a runtime of 9.15 hours. In high beam mode, the unit emits 120 lumens of white light, reaching 564` with a runtime of 6 hours. Weighing 1 lb, this helmet light is extremely lightweight. Operators may use a fastener to lock the switch, ensuring that the attached light remains off in hazardous locations.

The handheld fireman helmet spotlight is supported by a sturdy clip-on mount located on the right side of the helmet. Operators can easily access the light for toggling, positioning and more. The spotlight is also removable, allowing the component to be used as a standalone, portable spotlight.

The EXP-LED-402-FFHL comes with several safety features for use in rugged, unpredictable hazardous locations. An aluminum heat sink improves heat dissipation during operation, while reducing the possibility of malfunction from overheating. A valve design prevents the buildup of hydrogen gas. This intrinsically safe unit is ATEX/IECEx approved and IP67 waterproof with a T4 temperature code. A high impact lens cover protects the LED chip from debris and rough handling. To prevent accidental dropping the unit comes with a non-slip handle.

Applications: Fire-fighting operations, fireman lighting, hands-free lighting, 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-402-FFHL

Product ID: 147778

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- SpecSheetFrench
- SpecSheetRussian
- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
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- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map