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EXPRA-07-LED

Intrinsically Safe LED Flashlight - C1D1 / C2D1 - 820' Beam - IP54 - ATEX /IECEx Approved

Product ID: 147763

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.

EXPRA-07-LED Intrinsically Safe LED Flashlight
Listing: United States, Canada, Europe, Asia
Lamp Type: LED
Dimensions: 7.2" x 2.7" x 2.4"
Weight: 8.8 Oz
Voltage: 12V DC
Watts: -
Beam Distance: 590` (Low), 820` (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: 13 Hrs (Low), 6.5 Hrs (High)
Color: Black/Red

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 Ex II 1G Ex ia IIC T4 Ga
ATEX Ex I M1 Ex ia I Ma
IECEx Ex ia IIC T4 Ga
IECEx Ex ia Ma
Air-free Heat Sink Design
IP54

Special Orders - Special Requirements
Contact us for special requirements

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The EXPRA-07-LED Intrinsically Safe LED Flashlight 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 mining flashlight is capable of illuminating distances up to 820` (high beam setting). This battery-powered unit runs on 4 AA batteries and features an air-free heat sink, as well as a unique valve design to prevent

the accumulation of hydrogen gas.

The intrinsically safe LED flashlight offers intense illumination in hazardous locations, which includes mining sites and gas processing facilities. The portable luminary supports the following beam settings: low or high. In low beam mode, the unit emits 135 lumens of white light, reaching 590` with a runtime of 13 hours. In high beam mode, the flashlight emits 279 lumens of white light, reaching 820` with a runtime of 6.5 hours. Weighing 8.8 ounces, this luminary is extremely lightweight. Operators may attach the unit to a belt, slot or cord for hands-free illumination (via a belt clip located at the back of the light).

The EXPRA-07-LED comes with several safety features for use in rugged, unpredictable hazardous locations. An air-free heat sink design 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 IP54 rated 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)









EXPRA-07-LED

Product ID: 147763

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**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**