Larson Electronics LLC
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EXP-LED-F4WA

Explosion Proof LED Flashlight - 4 Watt - Push Button Switch - MADE IN THE USA

Product ID: 50454

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-F4WA
Lamp Type: LED
Dimensions: 7.125 "-L 1.75 "-W 2"-H
Watts: 4
LED Life Expectancy: 30,000 hours
Lumens: 90
Lighting Configuration: Spot
Materials: Nylon Housing

Weight: 7 oz.

LUX: At 10 ft: 599

LUX: At the lens: 145,400
Burn Time: 80 hrs

Approvals
Intrinsically Safe - Zone Zero Rating
IECEx Exia IIC T4 iaD T135C Ga, Da
ATEX II1GD Exia IIC T4 iaD T135C
Class 1, Division 1 Groups A,B,C,D
Class II, Division 1 Groups E,F,G
T4 temperature rating
Watertight

Hazardous Location Classifications

Special Orders - Special Requirements
Contact us for special requirements

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Buy American Compliant

The Larson Electronics EXP-LED-F4W intrinsically safe LED flashlight has a 4 watt LED that produces a very tight, well focused pencil beam of light. Unlike many LED flashlights which produce a wide beam spread, this unit produces a tight round spot beam with clearly defined edges, giving it excellent range and intensity. The specially designed grip pattern provides secure handling, even in wet, oily and slippery

conditions. Weatherproof and intrinsically safe, this light produces a light beam that at 100 feet has a spread of only 9 feet.

This LED flashlight features a deep dish reflector that focuses the light from the high output LED into a tight round beam. An ergonomic tactical design adds great versatility and durability, allowing this light to be used in industrial or professional applications with equal effectiveness. A rubber push button switch provides easy operation while a knurled body design allows for maximum grip and control. Constructed of highly durable nylon, this unit is watertight and able to withstand the rigors of aggressive and heavy duty use and applications. Power for this light is provided by 3 AA-cell alkaline batteries which give this unit a runtime of 80 hrs. The high intensity LED in this light produces 90 lumens, almost 3 times that of halogen incandescent D cell flashlights, and has a lifetime of 30,000 hours, compared to the 50 hour average for an incandescent flashlight bulb.

This Led flashlight was tested by W. Thomas Smith on a 36 hour outing with the U.S. Counterterrorism Advisory Team. The results of this field testing led Mr. Thomas to call this LED flashlight: "perhaps the most-superbly designed flashlight I've ever owned, certainly the best all-weather, weapons-mountable, waterproof, explosion-proof, reasonably priced .... hard-plastic flashlight I've ever tested." You can view Mr. Thomas' review here.



The EXP-LED-F4W LED beam is intense, high quality, and tight even when hitting the back wall of this 40` container.

Click Photo to Enlarge



This particular snapshot shows a comparable Halogen flashlight. Notice the halogen is less bright and more yellowish.

Click Photo to Enlarge

Illumination of the EXP-LED-F4W at 225 feet. This LED flashlight meets the highest safety ratings for hazardous locations at a price below $50. However, this flashlight still delivers a strong beam to 250 feet.

Click Photo to Enlarge

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Frequently Asked Questions (FAQ)

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EXP-LED-F4WA

Product ID: 50454

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

Options:

EXP-LED-F4WA-Color

Example: EXP-LED-F4WA-BLK

Color	
BLACK	-BLK
ORANGE	-ORG
GREEN	-GRN

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**