

4W Explosion Proof LED Flashlight - 100 Lumens - IP67 - Blue Lens - Ideal for Merchant Marines EXP-LED-F4W-BLU-MM



EXP-LED-F4W-BLU-MM Intrinsically Safe LED Flashlight w/ Blue Lens

Lamp Type: LED

Case Dimensions: 7.125"L x 1.75"W x 2"H

Weight: 7 Ounces

Battery Type: (3) AA Batteries

Battery Runtime: 26 Hours

Total Watts: 4

Lumens: 100

Candela: 7,500

Lux @ Lens: 145,400

Lux @ 10': 599

Lamp Life: 30,000+ Hours

Lens Color: Blue

Lighting Configuration: Single Beam

Ambient Operating Temp: -20°C to +40°C

Operating Temp Rating: T3

Housing Material: Polypropylene Nylon

Housing Color: Black, Green or Orange

Lens Material: Polycarbonate

Mounting: Handheld/Portable

Ratings/Approvals:

UL 913 CSA C22.2

Class I Divisions 1 & 2 Groups A, B, C, D

Class II Division 1 Groups E, F, G

Class II Division 2 Groups F, G

Class III

ATEX II1GD Ex ia IIC T3 Ga

ATEX Ex ia IIIB T195°C Da

IECEX Ex ia IIC T3 Ga

IECEX Ex ia IIIB T195°C Da

T3 Temperature Rating

1 Meter Drop Rating

Ideal for Merchant Marines

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The EXP-LED-F4W-BLU-MM from Larson Electronics is an Intrinsically Safe LED Flashlight with Blue Lens that is designed to handle the demands of working within hazardous locations and environments where potentially explosive vapors, gases and other volatile compounds may be encountered. The non-slip engineered polypropylene nylon case on this intrinsically safe LED flashlight is superior to standard aluminum or steel flashlights due to the fact that it will not become slippery or lose grip even when operators have greasy or oily hands. This ergonomic and tactical intrinsically safe LED flashlight features a knurled design to offer operators a superior gripping surface for maximum control of the approximately 560 foot long beam of blue light this flashlight is capable of projecting. The EXP-LED-F4W-BLU-MM is an ideal flashlight for use by Merchant Marine sailors, mariners and officers in operations both onboard and offboard merchant vessels.

This intrinsically safe LED flashlight produces a powerful 100 lumen blue light beam that can illuminate objects up to 560 feet away from the operator. The main beam from this compact and lightweight LED flashlight is tightly focused to produce a far reaching beam of bright blue light. This LED flashlight is versatile, rugged and can serve in industrial, public and tactical applications with ease.

Rated IP67 waterproof for submersion in up to one meter of water and a one meter drop rating make this intrinsically safe LED flashlight ideal for a wide range of rough use conditions and environments that may be hazardous or potentially explosive.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

The blue spot beam of this LED flashlight is actuated via a push button switch for easy accessibility. The high intensity LED used in this flashlight produces 100 lumens of light each and offers a 30,000 hour lifespan. The high efficiency LED produces a 26 hour runtime on a single set of three AA batteries when operating the light beam. The housing is constructed of lightweight and chemical resistant polypropylene nylon that offers superior chemical resistance and high durability. This LED flashlight is impact and vibration resistant and is IP67 waterproof. This intrinsically safe flashlight is approved Class I, Divisions 1 & 2, Groups A, B, C, D, Class II Division 1 Groups E, F and G, Class II Division 2 Groups F and G, and Class III.

Durability: The EXP-LED-F4W-BLU-MM LED flashlight features a durable polypropylene nylon housing and a knurled ergonomic design that offers operators a high level of grip and gives the flashlight a high degree of durability. This flashlight is impact resistant from heights up to 1 meter and vibration resistant so that if a drop does occur the light is unlikely to withstand any damage. An IP67 waterproof ratings further adds to the durability and versatility of this intrinsically safe LED flashlight.

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.

Options:

EXP-LED-F4W-BLU-MM-Finish

Example: EXP-LED-F4W-BLU-MM-BLK

Finish	
BLACK	-BLK
ORANGE	-ORG
GREEN	-GRN

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- [large](#)
- [medium](#)
- [SpecSheet](#)
- [HigResPic1](#)
- [HigResPic2](#)