



Instruction Manual

EXP-LED-FX2A

Please read these instructions before using your EXP-LED-FX2A Intrinsically Safe Dual-Light Flashlight. They include important safety information and operating instructions.

THE EXP-LED-FX2 IS APPROVED FOR USE

TESTED FOR INTRINSIC SAFETY IN METHANE-AIR MIXTURES ONLY

- WARNINGS:**
- 1) MSHA approved for use with three AA Duracell Type PC1500, Energizer Type EN91, and Energizer Type L91 batteries only.
 - 2) Replace the batteries in fresh air only and replace all batteries at the same time. Do not mix batteries from different manufacturers or of different types.
 - 3) Energizer Lithium (Type L91) batteries are to be replaced by a qualified technician only.
 - 4) The Model EXP-LED-FX2A must not be opened in areas where permissibility is required.



INTRINSICALLY SAFE
SECURITE INTRINSEQUE

CE 0359



CLASS I DIV 1 GRPS A-D T3 Ex ia I Ma
CLASS II & III DIV 1 GRPS E-G T135C Ex ia IIC T3 Ga
CLASS I ZONE 0 AEx ia IIC T3 Ga Intertek ITS 13 ATEX27837X
CLASS I ZONE 0 Ex ia IIC T3 Ga IECEx ETL 13.0026X
Ⓜ I M 1 Ex ia I Ma -20°C ≤ Tamb ≤ +40°C
Ⓜ II 1 G Ex ia IIC T3 Ga 1.5V/Cell AA Alkaline

Conforms to:

ANSI/UL STD 913, ANSI/UL
60079-0, ANSI/UL 60079-11
ANSI/ISA 60079-26

Certified to:

CAN/CSA STD C22.2 No 157
CAN/CSA STD C22.2 No 60079-0
CAN/CSA STD C22.2 No 60079-11
CSA STD C22.2 No 25

Duracell PC1500, Energizer EN91 or Energizer L91 batteries.

⚠ Do not attempt to use any other brand or model of AA batteries with this light.

⚠ Do not attempt to use any type of rechargeable AA batteries with this light.

Warning: To prevent ignition of a hazardous atmosphere, do not remove the lens bezel or the reflector / battery carrier in the hazardous environment. This task must **ONLY** be done in an area known to be non-hazardous.

⚠ Loosen the locking screw located on the side of the lens cap. **NOTE:** Do NOT attempt to completely remove the locking screw. Doing so is not necessary and may damage the threads. The screw simply needs to be loosened enough to allow the lens bezel to unscrew.

⚠ Unscrew the lens bezel from the housing in a counter-clockwise direction.

⚠ Turn the light upside down and carefully shake the light in order to remove the reflector / battery carrier. Allow the reflector / battery carrier to slide into your hand. **WARNING:** Do NOT touch the reflector surface with your finger. Doing so may damage the reflector surface.

⚠ Using 3 – AA Duracell PC1500, Energizer EN91 or Energizer L91 batteries (make sure that all 3 batteries are of the same model), install the batteries in the carrier paying close attention to the markings on the battery carrier for proper battery terminal polarity alignment.

⚠ Align the reflector / battery carrier so that the switches on the carrier are aligned with the switches on the housing. Carefully insert the reflector / battery carrier back into the flashlight housing until it is fully seated in the housing. **WARNING:** Be careful to not touch the reflector surface with your finger. Doing so may damage the reflector surface.

⚠ Replace the lens bezel by screwing it onto the housing in a clockwise direction.

⚠ Tighten locking screw. **CAUTION:** Do not over-tighten. Doing so may damage the threads and impact the light's Intrinsic Safety.

OPERATION

THE EXP-LED-FX2A HAS FOUR SEPARATE LIGHTING MODES:

MOMENTARY FLASHLIGHT MODE

Lightly press the top body switch for momentary operation. Release the switch to turn the light off.

CONSTANT-ON FLASHLIGHT MODE

Press the top body switch until it clicks and then release for constant-on mode. Press and release the top body switch again to turn the light off.

FLOODLIGHT MODE

Press the bottom body switch until it clicks and then release for floodlight mode. Press and release the bottom body switch again to turn the light off.

DUAL-LIGHT MODE

Dual-Light allows the user to turn on both the Flashlight and the Floodlight, at the same time. Press the top body switch until it clicks and then release for constant-on mode Flashlight Mode. Next press and release the bottom switch to activate the Floodlight. Both the Flashlight and the Floodlight are now running. Press and release both the top and bottom body switches to turn the lights off.

WARRANTY

For a complete copy of the warranty, go to www.larsonelectronics.com. Retain your receipt for proof of purchase.

WARNINGS - INTRINSICALLY SAFE

⚠ Warning: Use only the approved non-rechargeable batteries listed below.

⚠ Warning: Do NOT attempt to use rechargeable AA batteries with this light.

⚠ Warning: To prevent ignition of a hazardous atmosphere, do not open the lens bezel in the hazardous environment. This task must **ONLY** be performed in an area known to be non-hazardous.

⚠ Warning: When exchanging batteries, use only Duracell PC1500, Energizer EN91 or Energizer L91 batteries.

⚠ Warning: To prevent ignition of a hazardous atmosphere, the AA batteries must only be exchanged in an area known to be non-hazardous.

⚠ Warning: To reduce the risk of explosion, do not mix new non-rechargeable batteries with used non-rechargeable batteries, or mix non-rechargeable batteries from different manufacturers.

⚠ Warning: Substitution of components may impair intrinsic safety.

SPECIAL INSTRUCTIONS FOR INTRINSIC SAFETY

⚠ For personal safety, always confirm the rating of any known hazardous or potentially hazardous location where the light is to be used.

BATTERY INSTALLATION

WARNING: In order to maintain the EXP-LED-FX2A's Intrinsically Safe rating, the only AA batteries certified for use with this light are the