

# PISTOL LED FLASHLIGHT

U n l e a s h T h e G l o w



NEW GEN

# PISTOL LED FLASHLIGHT

U n l e a s h T h e G l o w

**OWNER'S MANUAL**

For Models: LT-ELP223Q  
LT-ELP116Q



# CAUTION!

If you need to mount the flashlight onto a firearm, make sure firearm is not loaded before installation. Remove magazine and examine chamber. Use safe handling procedures at all times.

UTG flashlights produce substantial heat during operation. Do not leave activated flashlight unattended. Do not set activated flashlight face down. Do not place activated flashlight against combustible material or material that could be damaged by heat. Do not hold bezel or lens of activated flashlight against any portion of human body. Keep away from children.

Ensure that the flashlight cannot be turned on when stored or being transported. If the lamp is activated while in a case or any container, the lamp could overheat and cause damage to surrounding materials.

Do not touch a hot lamp assembly. Allow it to cool before handling. Avoid touching reflector surface. Always wear safety glasses when handling.

Examine battery quality and appearance before use each time and make sure that there is no leaking or any deformation. Dispose appropriately if there is a problem.

The batteries are pre-charged by the manufacturer, and cannot be recharged. Recharging can cause battery leakage or, in some cases, high-pressure rupture. Inadvertent charging can occur if a battery is installed backwards.

Install batteries by aligning the + and – signs marked on the battery with the + and – signs marked on the battery chamber in the light.

Turn off the light when not in use to conserve battery power.

Make sure to turn off the light or disconnect the pressure switch before inspecting bulb and battery if the light cannot be turned on.

Keep batteries cool and dry. Always remove batteries from light after use. Leaving battery in the light without use for long period of time may cause damage or danger.

Never use non-rechargeable and rechargeable batteries together in a light. Always replace batteries with the exact type and size specified for the light.

Always replace the whole set of batteries at the same time. Never mix new and used batteries in the same light.

Never deliberately short circuit batteries. Prolonged short circuit will cause the battery to lose energy and result in significant temperature increase.

Do not carry light with batteries installed in the car trunk while driving.

Keep battery compartment clean and keep any metallic object away from the battery.

Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in a pocket, purse, or other container containing metal objects. Do not mix new with used batteries or mix required batteries with other types of battery. Do not store batteries with hazardous or combustible materials. Store in cool, dry, ventilated area. Follow applicable laws and regulations for disposal.

# Component Illustration



\*IRB - Integrated Reflector and Bulb



The purpose of this diagram is to provide a better understanding of the structure of the Flashlight (and Laser) System. Please do NOT disassemble the product which will void its warranty.

## Operating LT-ELP223Q

### Battery Installation

1. Press down the grooved area on the Quick Release Tail Cap Locking Lever, and pull the Tail Cap to open (Fig. 1.1).
2. Insert two 3-volt lithium batteries. Press down the Locking Lever and push Tail Cap toward the main body until Locking Lever is securely engaged into position (Fig. 1.2).

### On/Off Operations

#### 1. Tail Cap Ambidextrous On/Off Switch

The flashlight can be turned on permanently by pushing the Ambidextrous On/Off Switch upward, and can be turned off by setting the Ambidextrous On/Off Switch in the middle (Fig. 1.3). The ambidextrous design makes it convenient for right-handed and left-handed users.

#### 2. Momentary On/Off Switch

The laser/flashlight can be temporarily turned on by pushing down the Ambidextrous On/Off Switch.



Fig. 1.1



Fig. 1.2



Fig. 1.3



Fig. 1.4



Fig. 1.5

## Operating LT-ELP116Q

### Battery Installation

1. Unscrew the Flashlight Head.
2. Install one 3-volt lithium battery, following the direction in Fig. 1.4.

### On/Off Operations

The Ambidextrous Finger Adjustable On/Off Switch has 3 horizontal positions. In the middle position, the light is off. To turn the light on, push the On/Off Switch either to the left or to the right position. (Fig. 1.5)

## Quick Locking Operation

### NOTE:

Photo illustrations in this section show LT-ELP116Q as an example. The lever lock mechanism on LT-ELP223Q works in opposite directions from LT-ELP116Q.



Fig. 2



Fig. 3



Fig. 4

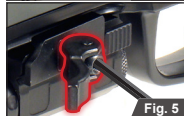







Fig. 5



Fig. 6

1. Turn the Cam Lever to its unlocked position. Place the grip light on the Picatinny rail at a desired position. (Fig. 2) Seat the locking cross bolt on the mounting deck into a selected Picatinny slot. (Fig. 3)
2. Turn the Cam Lever to begin locking the grip light on the rail, but do not complete the locking motion, leaving some travel distance to allow for adjustment. (Fig. 4)
3. Use the included Allen wrench to adjust the Hex Screw at the side of the cam for proper tension and fit against the rail. Adjust clockwise to increase the tension and tighten the clamping width. Adjust counter-clockwise to decrease the tension and increase the clamping width. (Fig. 5)
4. The optimal tension is achieved when the side plate first makes contact with the Picatinny rail while the Cam Lever still has enough travel left for you to securely snap into its locking position. Once you achieve the optimal tension, push the Cam Lever to the positive locking position. (Fig. 6) You may repeat Step 3 and 4 if needed to find the best clamping tension and locking position for your grip light on the rail.
5. After use of the grip over time, adjust the clamp tension with the Allen wrench if needed to always ensure the most secured installation.

Specifications			IRB* Replacement
Item Number	LT-ELP223Q	LT-ELP116Q	1. Unscrew the Front Head Cap counterclockwise to expose the IRB*. 2. Pull out IRB* from the Flashlight Head. 3. Follow the above step in reverse order to install a new IRB*.
Battery Operating Time	2hrs+	2hrs+	
Bulb Type	23mm LED IRB	16mm LED IRB	
Weight with Batteries	4.9 oz	3.1 oz	
Voltage	6V	3V	
Length	3.38"	3.15"	
Max. Lumen	150 lumens	90 lumens	
Focus	Preset	Preset	 <p>Front Head Cap</p> <p>LED IRB</p>
Battery/Qty	CR123A x 2	CR123A x 1	
<b>Replacement Parts</b> (Contact your flashlight distributor for the following replacement parts:)			
			
<b>BAT-LIT880</b>	<b>IRB-ELS016</b>	<b>IRB-EL023</b>	<b>IRB-ELS023</b>
2pc Set of CR123A Lithium Batteries	16mm 5-function LED IRB for LT-ELP116Q	23mm LED IRB for LT-ELP223Q	23mm 5-function LED IRB for LT-ELP223Q

\*IRB - Integrated Reflector and Bulb

## Maintenance

1. Maintain the metal surface of the flashlight by removing any dirt or sand with a soft brush to avoid scratching the finish.
2. Store the flashlight in a cool dry place when not in use. Be careful to avoid contact with acid, alkaline or corrosive chemicals.
3. Replace the batteries in your flashlight every few months if it was not used for long period of time. This insures good working batteries for your light and prevents battery leakage.
4. Keep a fresh package of batteries next to your flashlight. This gives you back-up power for your light.
5. Do not store your flashlight in high temperatures. This would damage your flashlight and may result in battery leakage.
6. Do not put the flashlight head against any surface especially paper or human skin for it has heat and may result in accidents.
7. Do not leave your flashlight under the seat in your car, or in direct sunlight to avoid overheating.
8. Do not attempt to lubricate any part of the flashlight.
9. Do not disassemble the flashlight other than replacing light bulb or pressure switch. Do not loosen or remove screws or parts. Any such or similar actions will void the warranty.

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