



UTG[®]

**400 LUMEN
POLYMER GRIP LIGHT**

The right page features the UTG logo at the top, followed by the product name "400 LUMEN POLYMER GRIP LIGHT" in a bold, blue, outlined font.

OWNER'S MANUAL

MT-EL223GX

CAUTION!

- If you need to mount the flashlight onto a firearm, make sure the firearm is unloaded before installation.
- Always use safe handling practices at all times. Do not operate the flashlight if the unit is defective.
- Avoid direct eye contact with the flashlight beam and its potentially bright reflection as this may cause serious eye injury.
- Do not direct the flashlight at any aircraft, public transportation, or other objects of safety concern. This is very dangerous and may be considered a felony.
- Ensure the flashlight cannot be turned on when stored or being transported. If the flashlight is activated while in a case, container, etc. it can become a fire hazard and cause damages.
- Examine the battery quality and appearance before use and make sure no battery leakage or deformation is present. Dispose appropriately when necessary and replace with a new battery.
- In general, batteries are pre-charged by the manufacturer and cannot be recharged.
- Recharging can cause battery leakage and in some cases, cause a high-pressure rupture.
- Inadvertent charging can occur if a battery is installed backwards.
- Remove battery from the flashlight if storing away for a prolonged period of time. Leaving the battery in without use for a prolonged period may cause damages. Keep battery in a cool and dry environment.
- Do not use a rechargeable batteries unless explicitly specified in this manual.
- Never deliberately short circuit the battery. Prolonged short circuiting will cause the battery to drain and potentially result in a significant increase in temperature.
- Do not transport the flashlight with the battery installed enclosed in an environment that may experience high temperatures and or is not well ventilated, such as, the inside of a car trunk.
- Keep battery compartment clean from debris.
- Lithium batteries can explode and cause harm if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in pockets, purse, etc.
- Do not mix new and old batteries together and or use different battery types together
- Do not store batteries with hazardous or combustible materials. Store in a cool, dry, ventilated area.
- Follow all applicable laws and regulations for disposal.

MT-EL223GX		
Specifications	Length	2.13" (54.1mm)
	Width	1.38" (35.1mm)
	Height	4.09" (103.9mm)
	Weight with Battery	6.6oz (187.1g)
	Bulb Type	23mm IRB* with CREE LED
	Voltage	6V
	Max. Output	400 lumen
	Focus	Wide Angled Flood
	Waterproof	Rated to IPX7 Standards; Will Perform at 1 Meter Depth for 30 Minutes
	Battery Operating Time	High - 3 Hours / Low - 24 Hours
Accessories	Quantity/ Battery	2 x CR123A
	Pressure Switch	N/A

Component Illustration



*IRB - Integrated Reflector and Bulb



Fig. 1-1



Fig. 1-2



Fig. 2-1



Fig. 2-2

Installation & Operation

Battery Installation

To remove the grip light's end cap, using a coin, turn the end cap 90 degrees or a quarter turn to unlock it. The End Cap can be turned in either direction.

(Fig. 1-1)

Insert the two included CR123A batteries in the correct orientation depicted on the inside of the battery compartment.

Replace the end cap so that the spring-sided face makes contact with the CR123A battery that is showing its negative side outward in the battery compartment. (Fig. 1-2)

Using a coin, push and hold down the end cap and turn it 90 degrees or a quarter turn to lock it back in place.

Grip Light Installation

Using the included Torx wrench, loosen the side locking plate screw by turning it counterclockwise enough for the mounting base to seat evenly onto your firearm's Picatinny rail and with its squared recoil stop fitting into your preferred slot along the rail. (Fig. 2-1)

Once seated evenly, retighten the side locking plate screw by turning the clockwise until securely tightened. Recommended torque value: 35 inch-lb. (Fig. 2-2)

Grip Light Operation:

Rear Main Power Button (Fig. 3-1)

a. Momentary/Constant-On/Off Operation (For



Rear Main Power Button

Momentary Strobe Button

Front Lumen Control Pad-Dimming



Fig. 3-1



Fig. 3-2



Fig. 3-3

operation of full 400 Lumen output)

i. Momentary-On/Off

Slightly pressing and holding down the rear main power button will turn the grip light on for the duration in which it is held down

ii. Constant-On/Off

Fully pressing the rear main power button down until it clicks will turn the grip light on until it is fully pressed again until it clicks and turn off

Strobe (Fig. 3-2)

a. The Ambidextrous toggles on the left and right side of the grip light control the grip light's strobe output. The strobe operates at the full 400 lumen output.

i. Momentary-On/Off

Pressing and holding down either the left or right side toggle will turn strobe on for the duration in which it is held down

Front Lumen Control Pad-Dimming (Fig. 3-3)

a. After putting the grip light into constant-on using the rear main power button, pressing and holding down the front lumen control pad will slowly begin dimming the lumen output from 400 and stopping at 20.

b. Letting go of the lumen control pad at any time during its dimming will stop you at that exact adjusted output along its 400 to 20 lumen scale.

Note: Activating strobe at this time will still output at the grip light's max 400 lumen, but will return to the adjusted lumen output upon releasing the strobe toggle. Turning off the grip light using the rear main power button will reset the grip light back to its default max 400 lumen output.

Maintenance

- Maintain the flashlight's polymer surface removing any dirt or sand with a simple wipe down.
- Do not attempt to lubricate any part of the flashlight with the exception of the o-ring used to seal the end cap.
- Do not disassemble the flashlight any further than when replacing the battery. Any such actions will void the warranty.

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