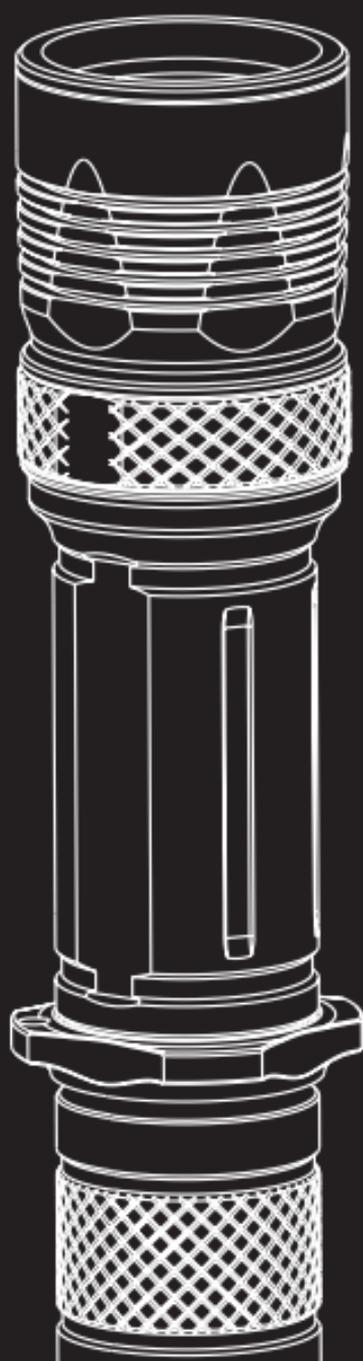




TORNADO 547 LUMEN  
LAW ENFORCEMENT LED FLASHLIGHT

FL-E25P

USER MANUAL



VULTA™

## Thank you for choosing Vulta.

The Vulta Tornado FL-E25P projects a crisp, white light with a smooth beam. Perfect for law-enforcement applications, the FL-E25P uses an intuitive dual-control system that's easy to operate in emergency scenarios. Just rotate the continuously-variable control ring to adjust the output from a minimum 0.5 lumens to a blinding maximum 541 lm, and continue rotating to access the strobe mode. The tailcap button activates temporary-on and constant-on modes. This is our only flashlight that can engage the strobe in temporary-on for signal communication or to quickly disorient an attacker.

The FL-E25P incorporates the CREE XM-L2, a breakthrough LED market-leader, which combines high efficiency

with high drive-current. The LED is housed in an ultraclear, tempered glass lens that optimizes resistance to impacts and scratches and maximizes throw distance.

Crafted from MIL-SPEC Type III hard anodized aluminum alloy with a stainless-steel bezel, and with a waterproof rating of IPX-8, the FL-E25P is a rugged tool that will withstand harsh environments. There is also a tactical ring for advanced grip and law-enforcement flashlight techniques.

The Tornado FL-E25P can be fitted with the Vulta FA-P1 Tail Cap and Pressure Switch (not included). This tactical accessory incorporates a tailcap switch with a remote-control pressure-pad for temporary-on functionality.

## PRECAUTIONS ⚠️⚡

- Please read and follow these instructions and keep this manual in a safe place.
- This flashlight is extremely bright and can cause temporary or even permanent blindness. Do not shine the flashlight in the eyes of any person or animal. When powering on the flashlight, make sure to point it down or away from you and anyone else.
- The surface of this product can become hot after prolonged use. Be careful when touching it and make sure to keep it away from anything flammable or combustible.
- Do not stand the flashlight upright on its lamp head when powered on. In this position, the lamp head can become dangerously hot and damage the flashlight and anything nearby.
- Never leave the flashlight unattended when it is powered on.
- Before long-term storage, remove the batteries and store them in a cool and dry place to avoid leakage.
- Always install batteries of the same type, brand, and age. Do not combine different types

or brands, or old and new batteries.

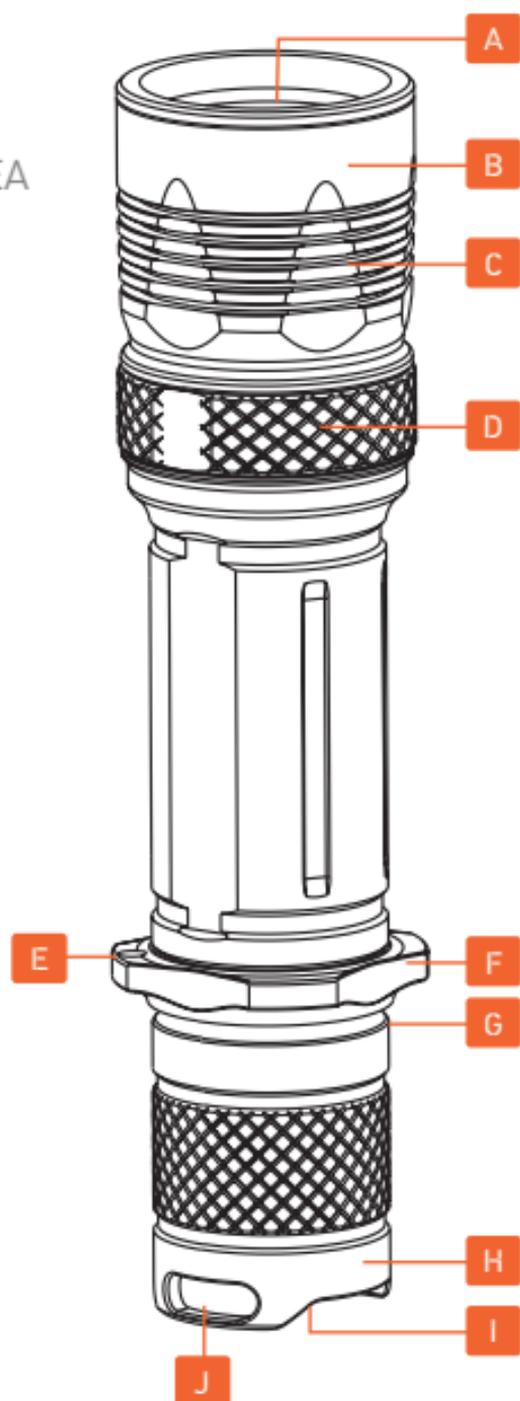
- Install the batteries in the proper orientation as indicated by the instructions in this manual.
- This product is waterproofed for freshwater only. If it comes into contact with salt water, immediately dry the flashlight and remove the batteries, reassemble, and rinse with freshwater. Dry thoroughly and install new batteries.
- Do not attempt to disassemble or repair this product. It is dangerous and will also void the warranty.
- Keep this product away from children. Do not leave children unattended near this product.
- Use only parts provided by the manufacturer.
- Make sure that this product is intact and that there are no missing parts.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All photos are for illustrative purposes only.

## PRODUCT DIAGRAM

- A** LED
- B** LAMP HEAD
- C** HEAT SINK AREA
- D** VARIABLE-CONTROL RING
- E** TACTICAL RING
- F** LANYARD EYELET
- G** O-RING
- H** TAILCAP
- I** TAILCAP BUTTON
- J** LANYARD SLOTS

Also Included:

- HOLSTER
- LANYARD
- SPARE O-RING
- USER MANUAL
- TWO-YEAR LIMITED WARRANTY



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VULTA TORNADO

## A Note about Maximum Output

When the flashlight is in High mode, the battery discharge, drive circuit, and LED will all be producing heat, and the lamp head may become extremely hot. Please be cautious when touching it. To protect the battery, circuit, and LED, and to extend the lifetime of the flashlight, we do not recommend continuously running the flashlight on High mode for more than 10 minutes.

## INSTALLING BATTERIES

The Tornado FL-E25P can be powered by two CR123 or RCR123 (3 or 3.7 V) batteries or a single 18650 (3.7 V) battery. When using an 18650 battery, 2600 mAh capacity with overcharge protection is recommended.

To install a battery, follow these steps:

1. Make sure the flashlight is turned off.
2. Unscrew and remove the tailcap from the flashlight.
3. Insert the battery or batteries with the positive terminal(s) facing the lamp head.
4. Screw the tailcap back onto the flashlight until secure.

## OPERATION

The FL-E25P employs a tailcap button for temporary- and constant-on, and a variable-control ring to control output power and engage strobe mode.

## POWERING ON THE FL-E25P

**Constant On:** To turn on the FL-E25P, press the tailcap button all the way until it clicks. Use the variable-control ring to set the flashlight to the desired output (see Adjusting the Output).

**Temporary On:** Temporary-on mode is ideal for a quick burst of light. To engage this mode, make sure the variable-control ring is set to the desired output (see Adjusting the Output), and press and hold the tailcap button halfway until the light turns on. The flashlight will remain on until you release the tailcap button.

## SETTING THE MODE

**Adjusting the Output:** Rotate the variable-control ring to adjust the flashlight's output between 0.5 and 547 lm. The variable-control



ring operates in both temporary-on and constant-on modes.

**Standby Mode:** In constant-on mode, you can rotate the variable-control ring to the OFF position to enter standby mode. This lets you work directly with the variable-control ring to turn the light on and off and to adjust brightness.

**Strobe Mode:** Strobe mode continuously emits quick flashes of bright light. To enter strobe mode, rotate the variable-control ring clockwise until the arrow is aligned with the strobe symbol [  ]. The ring will click into position at this point. You can access the strobe from both temporary- and constant-on.

## THE TACTICAL RING

The metal tactical ring provides an enhanced grip over a smooth metal surface and also helps when holding the flashlight with cold or wet hands or while wearing gloves.

If desired, you can remove the ring by unscrewing the tailcap and then unscrewing the tactical ring.

## O-RING MAINTENANCE

The Tornado FL-E25P's O-ring is installed on the threaded portion to help seal out water. The O-ring is prelubricated to extend its lifetime, ensure smooth operation, and increase water resistance. If the O-ring dries out or there is little or no lubricant remaining, we recommend applying a small amount of O-ring lubricant.

The FL-E25P comes with a replacement O-ring. If the original wears out after long-term use, replace it with the included spare.

## THE LANYARD

You can attach and wear the included lanyard to help prevent accidental drops and to free up a pocket. To attach the lanyard, clip it onto either one of the lanyard slots on the flashlight's tailcap or the lanyard eyelet in the metal tactical ring.

## SPECIFICATIONS

OUTPUT	Maximum, Strobe: 547 lm Minimum: 0.5 lm
BEAM INTENSITY	22,500 cd
LED TYPE	CREE XM-L2
POWER SOURCE	Two CR123 or RCR123 (3 or 3.7 V) batteries or one 18650 (3.7 V, 2600 mAh capacity with overcharge protection) battery
RUNTIME	Maximum: 2 hr. Minimum: 120 hr.
CONSTRUCTION	Body: MIL-SPEC Type III hard anodized aerospace-grade aluminum alloy Bezel: Stainless steel Lens: Tempered glass
IMPACT RESISTANCE	Up to 6.5' (2 m)
WATERPROOFING	IPX-8 standard, up to 6.5' (2m) submersion
EFFECTIVE RANGE	984' (300 m)
DIMENSIONS	Length: 5.2" (13.4 cm) Head Diameter: 1.3" (2.3 cm) Tail Diameter: 1" (2.6 cm)
WEIGHT	Without batteries: 4.2 oz. (120 g) With batteries: 6 oz. (170 g)

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## TWO-YEAR LIMITED WARRANTY

This VULTA product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of two (2) years from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Vulta Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Vulta along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit [www.vultagear.com](http://www.vultagear.com) or call Customer Service at 212-594-2353.



Product warranty provided by the Gradus Group.  
[www.gradusgroup.com](http://www.gradusgroup.com)

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