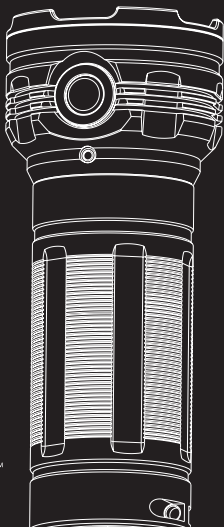




BLIZZARD 2400 LUMEN  
SEARCH & RESCUE LED FLASHLIGHT

FS-B73R

USER MANUAL



VULTA™

## Thank you for choosing Vulta.

Our most powerful flashlight, the Vulta Blizzard FS-B73R delivers an ultrabright 2,400 lumens in a compact body using 3 CREE XM-L2 LEDs. Designed for search and rescue operations, the FS-B73R's triple-LED array produces a crisp, wide beam to cover a broad area, with a cool white light that makes it easy to spot details in the dark. This high-output flashlight employs a single-button system to engage Turbo mode for a maximum 2,400 lm of brightness, four constant-on modes, and strobe and SOS modes for emergency signaling and communication.

The Blizzard FS-B73R incorporates the CREE XM-L2, a breakthrough LED market-leader, which combines high efficiency with high drive-current. The three LEDs are housed in wide, shallow reflectors that maximize flood capability. An ultraclear, tempered glass lens optimizes resistance to impacts and scratches.

Crafted from MIL-SPEC Type III hard anodized aluminum alloy with a stainless-steel crenellated bezel, and with a waterproof rating of IPX-8, the Blizzard FS-B73R is a rugged tool that will withstand harsh environments. The knurled grip and deep-machined heat-sink fins provide enhanced performance when holding the flashlight with cold or wet hands or while wearing gloves. Powered by three 18650 or six CR123 or RCR123 batteries, the FS-B73R delivers the brilliance of a powerful searchlight in a body that's compact enough to fit in your coat pocket.

The Blizzard FS-B73R is compatible with the Vulta FA-CH1 Universal Charger (not included). This charging base can be kept in your home or vehicle, so you can have your flashlight always charged and ready to go.

## 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. This

can cause the batteries to leak, overheat, or explode.

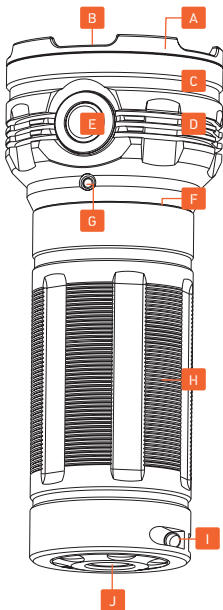
- Install the batteries in the proper orientation as indicated by the markings in the battery carrier. Installing batteries in the reverse orientation can cause them to leak, overheat, or explode, and will void the warranty.
- This product is waterproofed for freshwater only. If it comes into contact 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** CRENELLATED BEZEL
- B** LEDs
- C** LAMP HEAD
- D** HEAT SINK AREA
- E** SIDE BUTTON
- F** O-RING
- G** LOW-VOLTAGE WARNING LED
- H** GRIP
- I** LANYARD EYELETS
- J** CHARGING CONTACTS

## Also Included:

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



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## 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 Blizzard FS-B73R is powered by three 18650 or six CR123 or RCR123 (3 or 3.7 V) batteries. The batteries are inserted into the all-aluminum battery carrier, which is housed in the flashlight's grip. The battery carrier can be preloaded so it's always ready for use. To facilitate quick and easy loads in low-light situations, the carrier can face either direction when you insert it into the grip.

**Note:** Make sure to load the batteries with the positive and negative terminals facing the proper directions. When using rechargeable 18650 batteries, 2600 mAh capacity with an integrated protection circuit is recommended.

**Important!** When charging via the Vulta FA-CH1 Universal Charger, use only rechargeable 18650 batteries. Using CR123 or RCR123 batteries with the FA-CH1 charger will cause damage and void the warranties of your flashlight and the charger.

To install batteries, follow these steps:

1. Make sure the flashlight is turned off.
2. Unscrew the lamp head from the grip and remove the battery carrier.
3. Insert three fresh 18650 or six fresh CR123 or RCR123 batteries into the battery carrier. Make sure the batteries are facing the proper direction as indicated by the markings in the carrier.
4. Insert the battery carrier into the grip.
5. Screw the lamp head onto the grip until secure.

## OPERATION

The Blizzard FS-B73R employs a side-button system to turn on the flashlight and switch between the different modes.

## POWERING ON THE BLIZZARD FS-B73R

To power on the FS-B73R, press the side button. Upon powering on, the flashlight will enter Turbo mode for 3 minutes before switching to High



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mode. The next time you turn on the flashlight, it will enter the most recent constant-on mode.

**Low-Voltage Warning LED:** The low-voltage warning LED indicates when your batteries are running low on power. When the warning LED blinks red, battery power is low and we recommend installing new batteries or recharging your current ones if they are rechargeable. If there are no batteries available, you can switch to a lower-output mode as a temporary measure.

## SETTING THE MODE

**Turbo/High/Medium/Low:** In addition to Turbo mode, there are three constant-on modes: High, Medium, and Low. Turbo is the brightest output. When the flashlight is in a constant-on mode, press and hold the side button to cycle through the four constant-on modes in descending order of brightness.

**Strobe and SOS:** Strobe mode continuously emits quick flashes of bright light. In SOS mode, the flashlight blinks brightly in the international Morse code distress signal pattern (· · · — — — · · ·). To enter Strobe mode, quickly press the side button twice. To enter SOS mode, quickly press the side button twice again.

**Lock:** Locking the flashlight prevents it from accidentally turning on during storage or transportation. Before locking the flashlight, make sure the flashlight has been turned off for at least seven seconds. Quickly press and then press and hold the side button so the flashlight turns on and then off. To unlock the flashlight, quickly press and then press and hold the side button until the flashlight turns on. Locking the flashlight will not clear your current output setting.

## 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 the recessed lanyard eyelet in the flashlight's tailcap.

## O-RING MAINTENANCE

The Blizzard FS-B73R'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 FS-B73R comes with a replacement O-ring. If the original wears out after long-term use, replace it with the included spare.

## SPECIFICATIONS

OUTPUT	Turbo, Strobe, SOS: 2,400 lm High: 1,915 lm Medium: 410 lm Low: 22 lm
BEAM INTENSITY	39,800 cd
LED TYPE	3 CREE XM-L2
POWER SOURCE	Three 18650 or six CR123 or RCR123 (3 or 3.7 V) batteries
RUNTIME	Turbo: Automatically switches to High after 3 min. of continuous use High: 2 hr. Medium: 2 hr. Low: 2 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	1,309' (399 m)
DIMENSIONS	Length: 5.7" (14.6 cm) Head Diameter: 2.3" (6 cm) Tail Diameter: 1.7" (4.4 cm)
WEIGHT	Without batteries: 12 oz. (341 g) With batteries: 1.1 lb. (505 g)



## 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.



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[www.gradusgroup.com](http://www.gradusgroup.com)

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