

Key Features

Armytek Viking – initially developed as a hunting and Special Forces flashlight, but perfectly suitable for any indoor or outdoor activity due to its size, ruggedness and design specifications. It is the only flashlight of the newest generation, possessing new optical components and advanced electronic capabilities.

The differences between Armytek Viking and other compact tactical flashlights:

1. Impressive optics – excellent compact thrower, maximal distance for this size of flashlights with reflector.
2. World's first flashlight with STEP Runtime technology.
3. Easy manipulation of modes:
 - maximal mode (for tightened head)
 - 3 modes are switched by button pressing (for loosened head)

Main factors were considered during development:

1. Light. Powerful, long-distance beam, compact optics.
2. Electronics. Effective and highly advanced.
3. Design. Comfortable and compact, light and reliable.

The flashlight is developed and engineered by **Armytek Optoelectronics Inc., Canada**. Made with USA and Japan electronic components. During development, ideas and suggestions from European and Russian engineers, Special Forces and experienced hunters were used to the full extent.

Easy Operation

1. Armytek Viking has 2 Lines of modes:
 - First Line (for tightened head) – 1 maximal mode
 - Second Line (for loosened head) – 3 additional modes are switched by button pressing
2. Switch-on/off: full pressing (with click).
3. Tactical switch-on: switching on the flashlight by easy pressing of the button (without click).
4. Lock-out protection: loose the tailcap to 1/4 of the full turn.

Specification

	Viking X U2	Viking S R5	Viking S R3
LED (USA)	Cree XM-L U2	Cree XP-G R5	Cree XP-E R3
Light output	750 LED lumens	500 LED lumens	270 LED lumens
Hotspot / Spill	8 / 55 degrees	5 / 24 degrees	5 / 35 degrees
Beam distance	650 feet/200 meters	980 feet/300 meters	820 feet/250 meters
Hotspot diameter at 330 feet / 100 meters	50 feet/15 meters	26 feet/8 meters	26 feet/8 meters
Modes and runtimes: 1pc 18650 Li-Ion 2900mAh (rechargeable battery) STEP Runtime Technology	750lm/2h35min 520lm/2h50min 90lm/16h10min 7lm/170h	500lm/3h20min 240lm/5h25min 85lm/15h30min 7lm/135h	270lm/4h 190lm/5h 75lm/15h 7lm/120h
Modes and runtimes: 2pcs CR123A (batteries)	750lm/1h45min 520lm/2h 90lm/10h 7lm/140h	500lm/1h50min 240lm/3h30min 85lm/9h30min 7lm/100h	270lm/2h30min 190lm/3h10min 75lm/9h 7lm/100h
Power source	Batteries 2pcs CR123A / Rechargeable batteries 1pc 18650 Li-Ion or 2pcs RCR123 Li-Ion		
Size and weight	Length 6.1"/155mm, head diameter 1.56"/39.5mm, body diameter 1"/25.4mm. Weight: 5oz / 142g		
Set description	Holster, clip, lanyard, rubber grip and ring instead of grip, rubber button, spare O-rings (2pcs).		

Armytek Viking

General Features

Optical Features

1. The reflector of the ArmyTek Viking S flashlight has been modeled and calculated in computer software for the design of optical systems that enabled to produce a flawless light beam for a distance 200–300 meters.
2. Ultra-transparent and tempered glass was used with anti-reflective and lens coating, normally used in photo equipment only.
3. The transparency of the glass is 98–99%.

Electrical Features

1. World's first flashlight has been designed on the basis of the new-generation electronic driver with STEP runtime technology.
2. Advanced electronic protection from incorrect battery installation, without reducing the efficiency of the driver.
3. Smooth light output. Important notice: no irritating flicker effects.
4. Ecological algorithm of the stabilization control, which decreases the power consumption, making the flashlight very effective.
5. Capability with unprotected 18650 Li-Ion batteries.

Ergonomic Features

1. Removable stainless steel clip, functional and easy to use.
2. Grip for firm holding.
3. The ability to use batteries with a flat contact.
4. Protection from switching on accidentally (special turn of the tailcap).
5. Strong and easily removable lanyard to avoid losing the flashlight.

Mechanical Features

1. The flashlight has a strong, difficult to break body, which is developed for a minimum weight with sufficient durability. The design of the body includes element design specifically to prevent the flashlight from rolling.
2. The flashlight is designed with the impact-resistant bezels from both sides in order to protect it from falling and allow utilization during combat situations. In the Gold and Black version the steel bezels are also covered by titanium coating with a hardness of 2000–3000HV.
3. To ensure functionality in difficult conditions, the electronic driver of the flashlight is placed in a special aluminum capsule and has been completely covered with durable compound. This actually protects it from both the environment and from mechanical damage.
4. Body cover: matte, anodized. Hardness: 350–400HV. Resistant to scratches and impacts.
5. Body material: aviation-grade aluminum T6061–T6.

Water resistance

1. Water resistance standard: IPX-8 (the highest)
2. Metric profile thread has been used for water resistance improving.
3. An O-ring has been used to increase glass sealing, and well as an extra L-ring of a specific shape.
4. All threads, rubber parts and other parts of the flashlight that experience friction or contact with water are lubricated with a special dense grease NyoGel 760G.
5. Two silicone O-rings are installed at each side of the battery tube of the flashlight.

Service & Warranty

The ArmyTek flashlight is a complex product of technologies. To ensure correct and long-lasting operation it is necessary to perform servicing.

1. Switching modes, setting up the flashlight and other functions are realized through a gold-plated contact ring. To ensure a correct operation of the flashlight, the ring must be periodically cleaned (as it gets dirty), as well as the adjacent areas of the circuit board, from dirt and the lubricant.
2. To improve the flashlight's water resistance it is necessary to periodically clean (as it gets dirty) the thread off old lubricant and grease it again. Nyogel 760G is preferable: it is dense as gel, non-conductive, water resistant and not corrosive to the rubber.
3. If you noticed that the flashlight is acting out, not responding to your commands, the light flickers etc., the first reason is to change the batteries, and the second reason could be the contamination of the contact ring and the thread with the old lubricant and traces of aluminum dust.
4. The clip can be removed after the tailcap of the flashlight is taken off and both O-rings are removed.
5. Use high-quality batteries to prevent the elements leakage inside your flashlight and other destructive effects. Remove batteries from your flashlight if you do not intend to use it for a long time.

24 MONTHS OF FREE WARRANTY REPAIRS

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