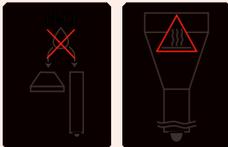
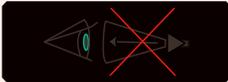




Warnings

C2 Pro only: With ambient temperature +25°C the flashlight delivers light in Maximum mode for about 8-10 minutes and then the brightness steps down to the Main3 mode. 40-60 seconds afterwards the brightness increases to the Maximum mode again. This stepping goes cyclically to maintain the user's safety and the flashlight's functionality. In the conditions of good air-cooling the flashlight delivers constant light even in Maximum mode. It does not use timers, but real active temperature measurements.



1. Always follow the instructions from this manual and recommendations on battery usage.
2. Apply only the recommended power sources.
3. Do not reverse battery polarity.
4. Do not use different power sources together, i.e. old ones with new ones, charged with discharged. Do not use different types of batteries combined as the element with less capacity can be damaged.
5. Do not modify or recast the flashlight and its components as it will deprive you of the warranty.
6. Do not allow water or any other liquid to leak into the flashlight.
7. Do not aim a turned-on flashlight at people's or animals' eyes – it can cause temporary blindness.
8. Do not allow children to use the flashlight without your assistance.



Armytek Optoelectronics Inc. shall not be liable for any harm done to the user if it was caused by improper use of the product.

Care and Storage

It is recommended to clean the threads and O-rings off dirt and old grease. Remember that secure protection from water and dust cannot be provided by worn out sealing. And fouling as well as lack of lubricant cause fast wear-out of threads and sealing rings.

To clean the threads do the following:

1. Unscrew the tailcap and remove the sealing ring carefully with a toothpick (do not use sharp metal things as they can damage the ring).
2. Wipe the sealing ring thoroughly with a soft cloth (or tissue). Do not use solvents. If the sealing ring is worn out or damaged replace it by a new one.
3. Clean the metal threads with a brush using ethanol. Be careful not to allow applied liquid to get inside the flashlight or tailcap as it can cause fails in functionality of the flashlight.

After cleaning lubricate the thread and the sealing ring with polyalphaolefin-based silica grease, e.g. Nyogel 760G. The application of automotive and other improper grease can cause swelling and damage of the sealing rings.

In case of active operation and exploitation in dusty environments, it is recommended to perform cleaning and lubricating of the parts as often as required, even if it is more than twice a year.

Service and Warranty

Armytek provides free warranty repair for 10 years from the purchase.

Warranty doesn't cover damage caused by:

1. Improper usage.
2. Attempts to modify or repair the flashlight by nonqualified specialists.
3. Longtime application in chlorinated or polluted water, or other liquids (other than water).
4. High temperatures and chemicals' exposure (including the exposure of liquid from defected batteries).
5. Usage of low-quality batteries.

Armytek Optoelectronics Inc.

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Address: 67 Vandervoort Dr, Richmond Hill, Ontario, L4E 0C7, Canada

Specifications are subject to change without notice.

Prime PRO

THE MOST TECHNICALLY ADVANCED
FLASHLIGHTS IN THE WORLD

USER MANUAL

Thank you for choosing the products of Armytek Optoelectronics Inc., Canada.
Please read this manual carefully before using the flashlight.

Specifications

Armytek Optoelectronics Inc. is a Canadian manufacturer that produces powerful and reliable flashlights designed especially for your needs applying in them components made in the USA and Japan. 10 years no-hassle warranty.

- Superb light of amazing constant brightness due to powerful electronics and active temperature control without timers
- Efficient TIR-optics and no "tunnel vision" effect even after continuous use
- Multicolor Warning Indication of low battery level and high temperature
- Side switch for comfortable one-hand operation and easy modes switching with advanced operation
- Multicolor State Indication and ultra low current drain in OFF-state - more than 25 years
- Removable magnet in the tailcap, firm holster, removable clip, strong lanyard and possibility of tail-stand for multipurpose use
- Compact and light-weight flashlight of guaranteed durability stands up harsh impacts and falling from 10 meters
- Total protection from water, dirt and dust penetration - flashlight continues to work even at the depth of 10 meters

Model	Prime A1 Pro	Prime A2 Pro	Prime C1 Pro	Prime C2 Pro
LED	Cree XM-L2			
Optics	TIR			
Brightness stabilization type	Full stabilization (extended brightness)			
Light output, OTF lumens*	370	500	400	1050
Peak beam intensity, candelas	5050	6750	5170	6700
Hotspot/spill	20/20%			
Beam distance*	120 yards / 110 meters	142 yards / 130 meters	121 yards / 111 meters	208 yards / 188 meters
Hotspot diameter at 330 feet / 100 meters	16 meters			
Modes and runtimes (measured for Sanyo Eneloop AA 2000 mAh / Armytek CR123A 1500 mAh / Armytek 18650 Li-Ion 3100 mAh to the decrease to 10% of initial brightness)	Fresh1: 0.15lm / 90h Fresh2: 1.7lm / 200h Main1: 10 lm / 35h Main2: 70 lm / 3h Main3: 210 lm / 1.2h Max: 370 lm / 30min Stroke: 10Hz Warning: 0.6Hz	Fresh1: 0.15lm / 130h Fresh2: 1.7lm / 300h Main1: 10 lm / 40h Main2: 70 lm / 9.5h Main3: 210 lm / 2.5h Max: 500 lm / 1h Stroke: 10Hz Warning: 0.6Hz	Fresh1: 0.15lm / 130h Fresh2: 1.7lm / 300h Main1: 10 lm / 40h Main2: 70 lm / 5h Main3: 210 lm / 2h Max: 400 lm / 35min Stroke: 10Hz Warning: 0.6Hz	Fresh1: 0.2lm / 100h Fresh2: 2lm / 18h Fresh3: 15lm / 72h Main1: 70lm / 18h Main2: 280lm / 8h Main3: 420lm / 3.5h Max: 1050lm / 1.5h Stroke: 10Hz Warning: 0.6Hz
Recommended power source	1xAAA 1x14500 Li-Ion	2xAAA	1xCR123A 1xR123 Li-Ion	1x18650 Li-Ion / 2xCR123A 2xR123 Li-Ion
Size	Length 4.14" / 105mm Body diameter 0.96" / 24.5mm	Length 5.95" / 151mm Body diameter 0.96" / 24.5mm	Length 3.50" / 89mm Body diameter 0.96" / 24.5mm	Length 4.73" / 120mm Body diameter 0.96" / 24.5mm
Weight (w/o batteries)	2.26oz / 64g	2.26oz / 64g	2.06oz / 58g	2.19oz / 62g

* Light outputs for flashlights with Warm light are about 1% less, beam distances are about 3% less.

* C2 Pro: in Max mode Full stabilization is for 20 minutes, then it is Step

! We recommend to use Sanyo Eneloop AA rechargeable batteries instead of ordinary AA batteries to obtain higher brightness and longer runtimes.

