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### Armytek F07301W

# Armytek New Predator Pro Warm Light LED Tactical Flashlight 1400 lm User Manual

MODEL: F07301W

## 1. INTRODUCTION

The Armytek New Predator Pro Warm Light LED Tactical Flashlight 1400 lm is a robust and versatile illumination tool designed for various applications. Featuring a powerful LED light source, this flashlight provides bright, energy-efficient illumination. Its sleek, compact design with smooth edges ensures comfortable handling, while its IPX7 waterproof rating allows for reliable use in wet environments. Powered by 3.7V lithium-ion batteries, it offers extended operational periods and can function as a flashlight, floodlight, or searchlight.



Image: The Armytek Predator Pro flashlight displayed with its various accessories, including the magnetic charger, clip, lanyard, and O-rings.

## Key Features:

- **LED Light Source:** Uses LED technology for bright, energy-efficient illumination.
- **Modern Style:** Sleek, compact design with smooth edges.
- **Long Battery Life:** Runs on 3.7V lithium-ion batteries for extended use.
- **Waterproof:** IPX7 rating allows use in wet environments.
- **Multi-Function:** Can be used as a flashlight, floodlight, or searchlight.

## 2. WHAT'S INCLUDED

Your Armytek Predator Pro package includes the following components:



Image: A detailed view of the flashlight and its accessories, including the magnetic USB charger, silicone grip, steel clip, wrist lanyard, nylon holster, spare O-rings, and user manual.

1. Flashlight
2. Magnetic USB charger
3. Silicone grip
4. Steel clip
5. Wrist lanyard
6. Nylon holster
7. 2 spare O-rings
8. User manual (in eight languages)

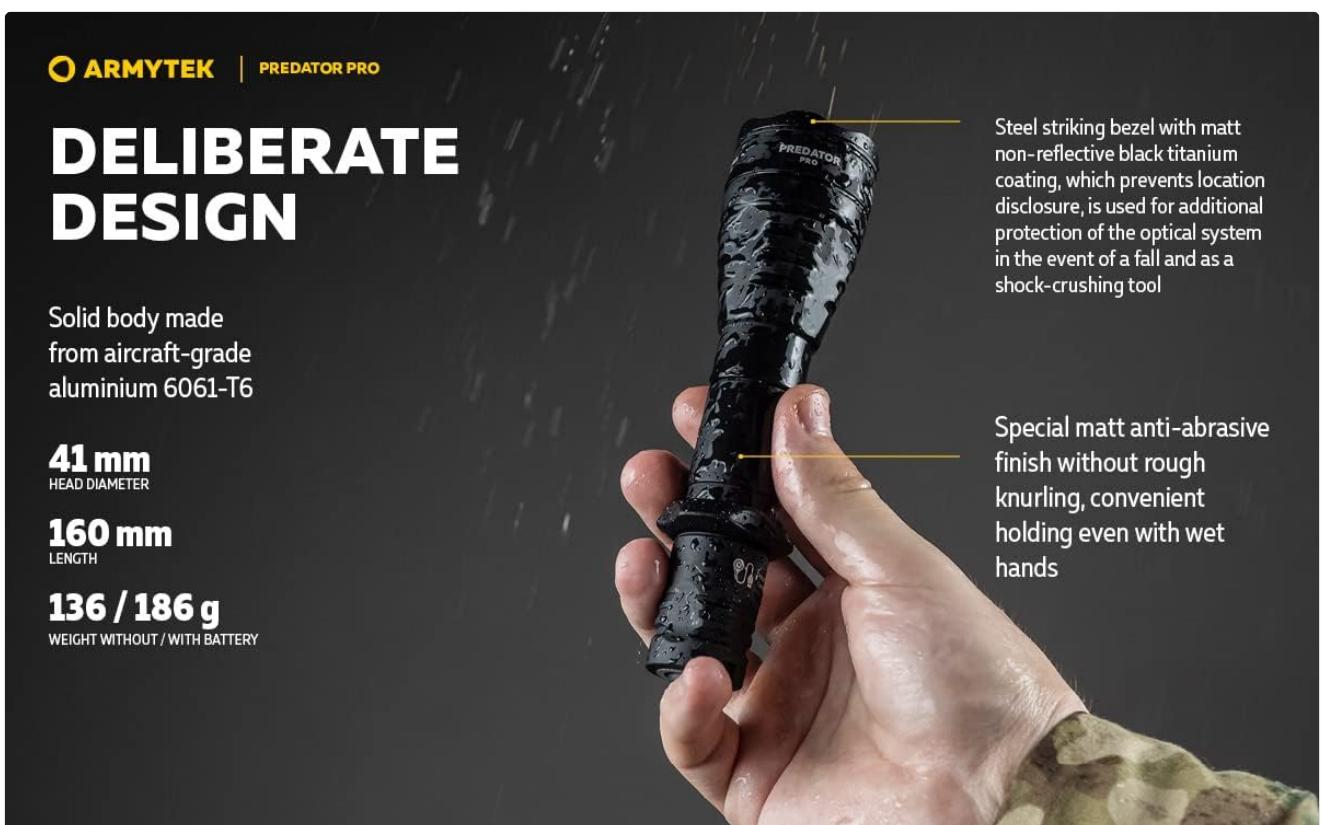
### 3. PRODUCT FEATURES AND DESIGN

The Predator Pro is engineered with a deliberate design focusing on durability and user comfort.



Image: The flashlight's robust construction, including its aircraft-grade aluminum body and steel striking bezel, designed for durability and grip.

- **Solid Body:** Made from aircraft-grade aluminum 6061-T6 for exceptional durability.
- **Steel Striking Bezel:** Features a matt non-reflective black titanium coating, providing additional protection for the optical system and serving as a shock-crushing tool.
- **Anti-abrasive Finish:** Special matt finish without rough knurling ensures convenient holding even with wet hands.
- **Dimensions:** Head diameter of 41 mm and length of 160 mm.
- **Weight:** 136 g without battery, 186 g with battery.



Solid body made  
from aircraft-grade  
aluminium 6061-T6

**41 mm**  
HEAD DIAMETER

**160 mm**  
LENGTH

**136 / 186 g**  
WEIGHT WITHOUT / WITH BATTERY

Steel striking bezel with matt non-reflective black titanium coating, which prevents location disclosure, is used for additional protection of the optical system in the event of a fall and as a shock-crushing tool

Special matt anti-abrasive finish without rough knurling, convenient holding even with wet hands

Image: A hand demonstrating the comfortable grip and ergonomic design of the Predator Pro flashlight.

## 4. SETUP

### 4.1 Battery Installation

The Armytek Predator Pro requires one 18650 Li-Ion battery (not included). To install the battery:

1. Unscrew the tailcap counter-clockwise.
2. Insert the battery with the positive (+) terminal facing towards the head of the flashlight.
3. Screw the tailcap back on clockwise until it is fully tightened.



Image: The flashlight body separated from its tailcap, illustrating the internal components and the battery insertion point.

### 4.2 Initial Charging

Before first use, fully charge the flashlight. To charge:

1. Ensure the head of the flashlight is tightened as far as it can go.
2. Attach the magnetic USB charger to the tailcap.
3. The charger will indicate the charging status:
  - **RED:** Charging in progress.
  - **GREEN:** Charging is complete.
  - **ORANGE:** Indicates bad contact or low USB power source voltage.
4. After charging, unplug the charger and tighten the tailcap.





Image: Visual guide to the charging process, showing the magnetic charger connected and the different color indications for charging status.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

The Predator Pro flashlight is operated via its tailcap button.

- **Power ON/OFF:** A single click will turn the flashlight ON or OFF.
- **Mode Switching:** To cycle through different brightness modes, press and hold the button while the flashlight is ON. Release the button to select the desired mode. Specific mode groups and advanced operations may be detailed in the included physical user manual.



Image: A person demonstrating the use of the Predator Pro flashlight during nighttime, highlighting its powerful beam.

### 5.2 Temperature Control

The flashlight features active real-time temperature control to ensure safe and comfortable use.

- If the temperature approaches +58°C, the brightness will automatically decrease to prevent overheating of the flashlight and battery, and to avoid LED degradation.

- The thoughtful head design aids in heat dissipation, and a spring on the driver protects the battery from overheating.

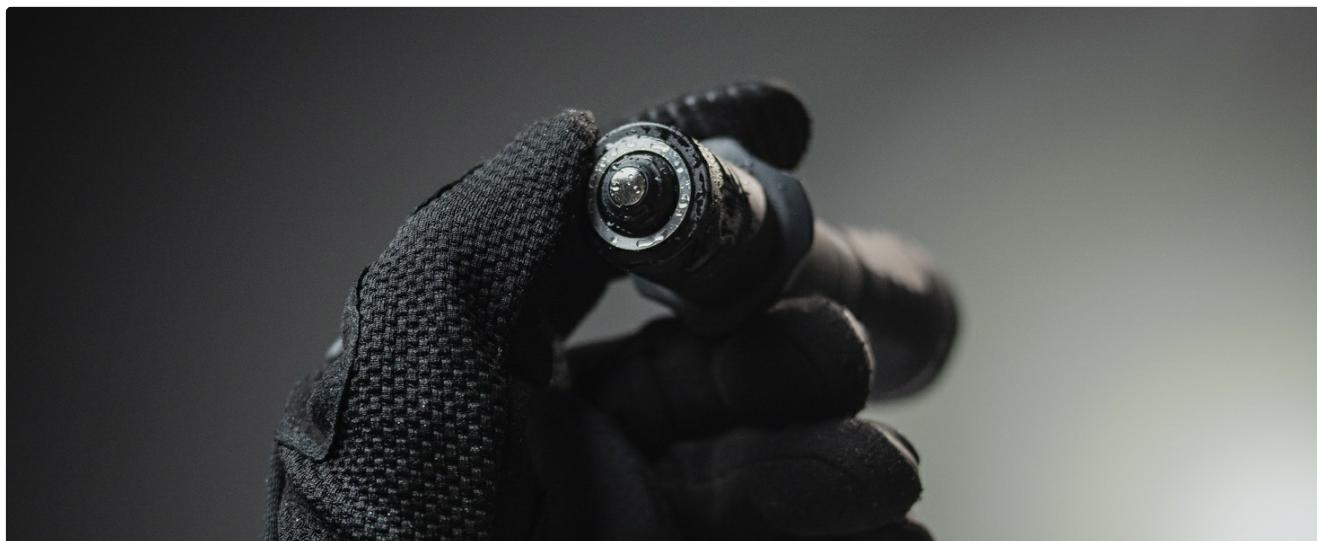


Image: A visual representation of the flashlight's temperature control system, showing how heat is managed during operation.

## 6. MAINTENANCE

### 6.1 Cleaning

Regularly clean the external and internal contacts of the tailcap and the contact areas of the charger to ensure proper connection and charging. Use a clean, dry cloth. Avoid using abrasive materials or harsh chemicals.

### 6.2 General Care

- To maintain the flashlight's waterproof integrity (IPX7 rating), ensure all parts, especially the tailcap, are securely tightened before exposure to water.
- Store the flashlight in a cool, dry place when not in use.
- Periodically inspect O-rings for wear and replace them if necessary using the provided spare O-rings.

## 7. TROUBLESHOOTING

### 7.1 Charging Issues

- **RED BLINKING:** Clean the external and internal contacts of the tailcap, as well as the contact areas of the charger. Ensure the tailcap is fully tightened.
- **ORANGE BLINKING:** Indicates bad contact or low USB power source voltage. Check the USB power source and ensure the magnetic charger is securely attached.

### 7.2 General Issues

- **Flashlight Not Turning On:** Check if the battery is installed correctly with the positive terminal facing the

head. Ensure the battery is charged. Verify that the tailcap is fully tightened.

- **Dim Light Output:** The battery may be low and require charging. The flashlight might be in a lower brightness mode; cycle through modes to increase brightness. Temperature control might have reduced brightness due to high internal temperature; allow the flashlight to cool down.

## 8. SPECIFICATIONS

The following table details the technical specifications of the Armytek New Predator Pro Warm Light LED Tactical Flashlight:



Image: The flashlight submerged in water, demonstrating its IP68 standard for total protection from water and dust, and its ability to withstand falls.

Specification	Value
Color	White
Power Source	Battery Powered
Light Source Type	LED
White Brightness	1400 Lumens
Battery Cell Composition	Lithium Ion
Number of Batteries Required	1 Lithium Ion
Water Resistance Level	Waterproof (IPX7)
Brand	Armytek
Brightness	1400 Lumen
Battery Description	Lithium-Ion
Part Number	F07301W
Item Weight	11.6 ounces

Specification	Value
Product Dimensions	6.3 x 1.61 x 1.61 inches
Item Model Number	F07301W
Batteries Included?	No
Assembled Height	41 millimeters
Assembled Length	16 centimeters
Assembled Width	41 millimeters
Date First Available	September 2, 2021

## 9. WARRANTY AND SUPPORT

Armytek stands behind the quality of its products with a comprehensive warranty program.



Image: The Armytek 'No Hassle Warranty' badge, indicating a 10-year warranty period.

Armytek provides a **10-year 'No Hassle Warranty'** for free repairs (excluding batteries, chargers, switches, and connectors, which have a 2-year warranty) from the date of purchase, provided there is a document confirming the purchase.

For further support, product information, or to explore other high-quality illumination tools and accessories, please visit the official Armytek store:

[Visit the Armytek Store on Amazon](#)