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› WINDFIRE SK68-UV Mini Zoomable UV Flashlight Instruction Manual

## WINDFIRE SK68-UV

# WINDFIRE SK68-UV Mini Zoomable UV Flashlight Instruction Manual

Model: SK68-UV

## 1. INTRODUCTION

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The WINDFIRE SK68-UV is a compact, zoomable ultraviolet (UV) LED flashlight designed for various detection and tracking purposes. It features a durable aluminum alloy body, three operating modes, and water resistance. This manual provides instructions for its proper use and maintenance.



Image 1: WINDFIRE SK68-UV UV Flashlight showcasing its purple beam and various applications such as detecting pet urine, counterfeit money, and scorpions. Key specifications like 10,000 hours lifespan, 80-150mcd brightness, and 395nm wavelength are highlighted.

## 2. SETUP AND BATTERY INSTALLATION

The WINDFIRE SK68-UV flashlight requires one AA battery for operation. Batteries are not included with the product.

### 2.1 Battery Requirements

- **Battery Type:** 1 x AA Alkaline battery.
- **Note:** While the flashlight can operate with AA batteries, some users report increased brightness and performance with specialized rechargeable batteries (not included).

### 2.2 Installing the Battery

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert one AA battery into the battery compartment with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on clockwise until it is securely tightened.

### 3. OPERATION

The flashlight features a tail button switch for power and mode selection, a zoomable head for adjusting the beam focus, and a clip for portability.

#### 3.1 Power On/Off and Mode Selection

- **Power On/Off:** Press the tail button switch completely to turn the flashlight on or off.
- **Mode Cycling:** With the flashlight on, lightly press the tail button switch (without clicking) to cycle through the three available modes: High, Low, and Strobe.

#### 3.2 Zoom Function

The flashlight head can be extended or retracted to adjust the UV beam from a wide floodlight to a focused spotlight.

- **Zoom Out (Floodlight):** Extend the flashlight head forward to widen the UV beam, illuminating a larger area.
- **Zoom In (Spotlight):** Retract the flashlight head backward to narrow and intensify the UV beam, focusing on a specific spot.



Image 2: Demonstrates the zoom functionality of the flashlight, showing a wide, diffused UV beam when "ZOOM OUT" and a concentrated, focused UV beam when "ZOOM IN".

#### 3.3 Portability

The flashlight includes a durable clip for easy attachment to pockets, belts, or bags, enhancing its portability.



Image 3: Highlights the integrated clip design of the flashlight, illustrating how it can be conveniently carried by attaching it to a hat, pocket, or bag.

### 3.4 Applications

The WINDFIRE SK68-UV flashlight is suitable for various tasks:

- **Blood Tracking:** Aids in locating blood trails during hunting by making blood visible in various terrains.
- **Pet Urine and Stain Detection:** Identifies hidden pet urine stains and other organic residues on carpets, upholstery, and other surfaces.
- **Scorpion Detection:** Scorpions fluoresce under UV light, making them easier to spot in dark environments.
- **Counterfeit Detection:** Verifies security features on currency, IDs, and passports that are visible only under UV light.
- **Leak Detection:** Can be used with UV dye to detect leaks in automotive AC systems or other fluid systems.
- **Mineral and Artificial Material Inspection:** Reveals fluorescence in certain minerals and artificial materials.

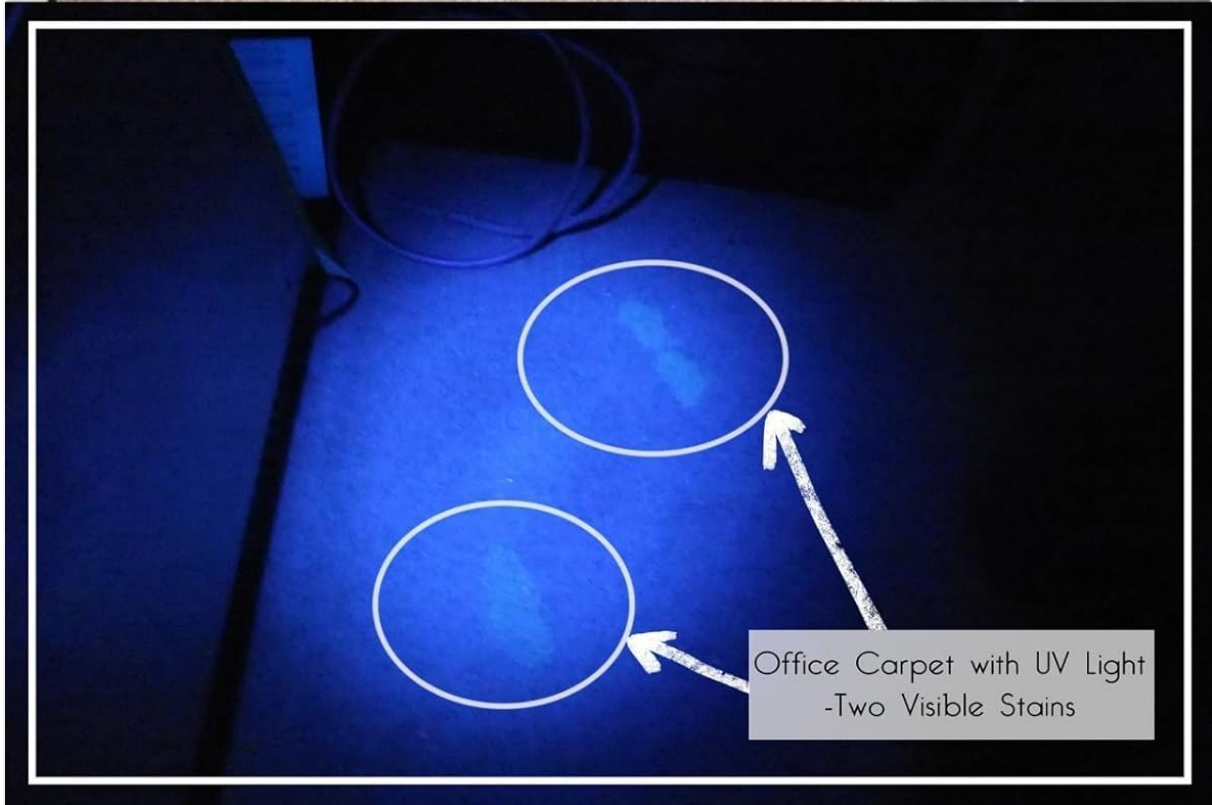
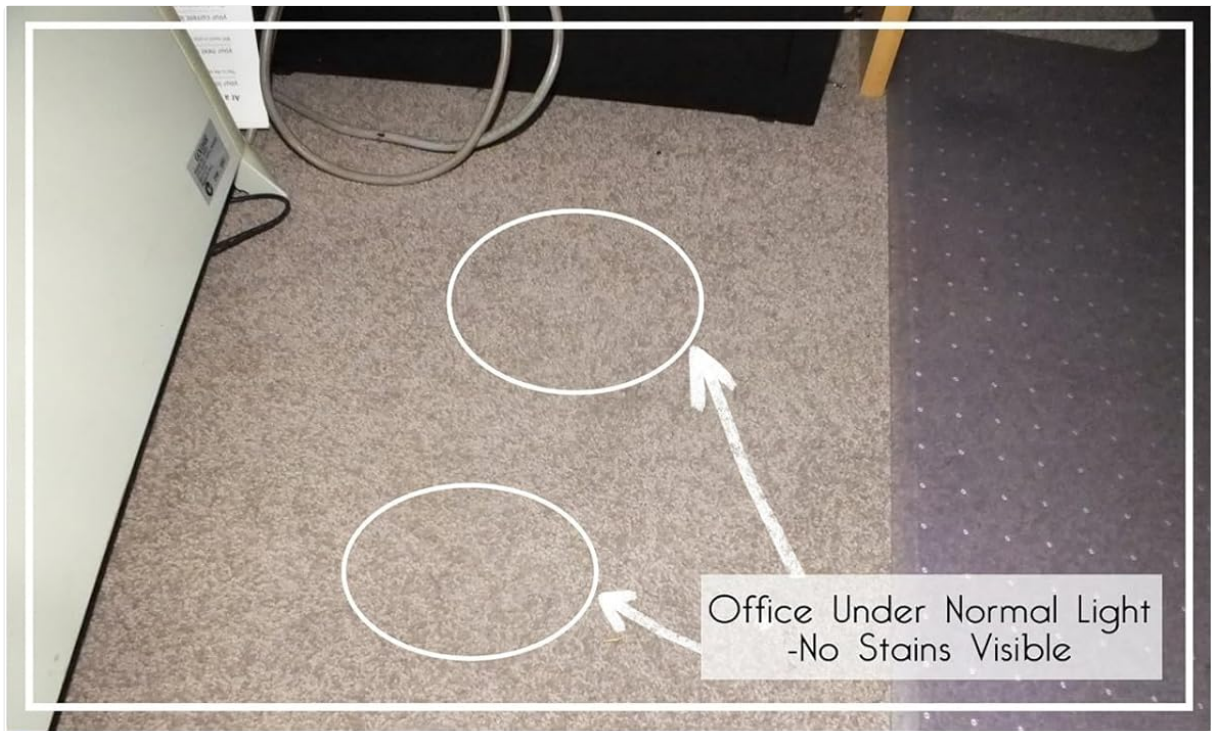


Image 4: Illustrates the effectiveness of the UV flashlight in detecting hidden stains. The top panel shows an office carpet under normal light with no visible stains. The bottom panel shows the same carpet under UV light, clearly revealing two distinct stains.



Image 5: Shows the flashlight being used for "SCORPION SEARCH," where scorpions glow brightly under UV light, and for "ANTI-COUNTERFEITING BANKNOTE" inspection, highlighting security features on currency.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your flashlight.

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently clean the lens with a lens cleaning cloth to remove dust or smudges.
- **Battery Replacement:** Replace the battery when the light output diminishes. Remove batteries during prolonged storage to prevent leakage.
- **Water Resistance:** The flashlight is water resistant. Ensure the tail cap is securely tightened to maintain its water resistance. Avoid submerging the flashlight in water.

# Waterproof



Image 6: The WINDFIRE SK68-UV flashlight is shown with water splashing over it, indicating its water-resistant design. This feature helps protect the device from splashes and light rain.

## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery inserted incorrectly. Battery is depleted. Tail cap not fully tightened.	Check battery polarity and reinsert correctly. Replace with a fresh AA battery. Ensure the tail cap is securely tightened.
Light output is dim.	Battery is low. Flashlight is in Low mode. Lens is dirty. Using standard AA battery instead of specialized rechargeable (for maximum brightness).	Replace with a fresh AA battery. Cycle through modes to select High mode. Clean the lens with a soft cloth. Consider using a specialized rechargeable battery if higher brightness is required.
Cannot find the third mode (Strobe).	Incorrect mode cycling technique.	Lightly press the tail button switch (without clicking) repeatedly to cycle through High, Low, and Strobe modes.

Problem	Possible Cause	Solution
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## 6. SPECIFICATIONS

Feature	Detail
Model	SK68-UV
Emitter Type	3W UV LED
Wavelength	395-410nm
Modes	High, Low, Strobe
Power Source	1 x AA Battery (not included)
Material	Aluminum alloy body, Glass lens
Color	Black
Switch Location	Tail button switch
Special Features	Zoomable, Water Resistant, Impact Resistant
Dimensions (L x D)	Approximately 10 x 3 x 3 cm (4.17 x 1.34 x 1.22 inches)
Item Weight	2.88 ounces (approx. 81.6 grams)
Estimated LED Lifespan	50,000 hours

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

This WINDFIRE SK68-UV flashlight comes with a **1-year warranty**. The warranty covers manufacturing defects and is provided by the manufacturer and seller in combination. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact the seller or manufacturer through the platform where the product was purchased. Provide your model number (SK68-UV) and purchase details for efficient support.