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## Atfoyer ATKA100FW-3

# Atfoyer 100W LED Flood Light Outdoor (Model ATKA100FW-3) Instruction Manual

Model: ATKA100FW-3 | Brand: Atfoyer

## 1. INTRODUCTION

Thank you for choosing the Atfoyer 100W LED Flood Light Outdoor. This product is designed to provide powerful and efficient illumination for various outdoor spaces. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the lifespan of your flood light.



Image 1.1: Atfoyer 100W LED Flood Light providing high brightness for an outdoor area.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when installing and operating electrical equipment.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- Ensure the power supply voltage matches the product's requirements.
- Do not attempt to modify or repair the product yourself. Contact qualified personnel for service.
- Keep flammable materials away from the light fixture.
- Avoid direct eye exposure to the light source when illuminated.
- This product is designed for outdoor use and is IP65 rated for water and dust resistance.

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged. If any parts are missing or damaged, contact customer support.

- Atfoyer 100W LED Flood Light Outdoor (1 unit)
- Mounting Hardware (screws, wire nuts)
- Instruction Manual (this document)

### 4. PRODUCT FEATURES

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- **High-Efficiency 100W LED:** Features 154 high-brightness LEDs, delivering 9000 lumens of illumination.
- **Energy Saving:** Provides brightness comparable to a traditional 500W bulb with over 85% less energy consumption.
- **3 Adjustable Panels:** Three independent light heads allow for versatile lighting angles, covering up to 1977 sq. ft.
- **IP65 Weatherproof:** Built for superior water and dust resistance, ensuring reliable performance in various weather conditions (rain, snow, frost).
- **Durable Construction:** Made of die-cast aluminum for efficient heat dissipation and rust resistance, ensuring long-lasting performance.
- **Easy Installation:** Designed for straightforward hardwired installation with basic wiring and screwing.
- **Switch Controlled:** Operates via a standard wall switch for convenient ON/OFF control.



Image 4.1: Flexible light heads allow for precise aiming of illumination.



Image 4.2: The IP65 rating ensures durability against rain, blizzard, and frost.

## 5. SPECIFICATIONS

| Feature      | Detail               |
|--------------|----------------------|
| Brand        | Atfoyer              |
| Model Name   | Flood Lights Outdoor |
| Part Number  | ATKA100FW-3          |
| Power Source | Corded Electric      |
| Wattage      | 100W                 |
| Lumen Output | 9000LM               |

| Feature              | Detail                                      |
|----------------------|---|
| Color Temperature    | 6500K (Daylight White)                      |
| Material             | Die-cast Aluminum                           |
| Color                | Black                                       |
| IP Rating            | IP65 (Waterproof)                           |
| Product Dimensions   | 7.08"L x 4.56"W x 14.33"H                   |
| Item Weight          | 2.46 pounds                                 |
| Indoor/Outdoor Usage | Outdoor                                     |
| Specific Uses        | Deck, Garage, Garden, Yard, Patio, Entryway |



Image 5.1: Product dimensions for planning installation.

## 6. SETUP AND INSTALLATION

This flood light is designed for hardwired installation. It can be mounted on a wall or soffit. Professional installation is recommended if you are not familiar with electrical wiring.

### 6.1 Before You Begin

- **Turn off power** at the circuit breaker or fuse box before starting installation.
- Ensure you have the necessary tools: screwdriver, wire strippers, electrical tape, ladder (if needed).
- Choose a suitable mounting location that can support the weight of the fixture and provides the desired illumination area.

### 6.2 Mounting Options



Image 6.1: The flood light supports both wall-mounted and soffit-mounted installations.

## 6.3 Installation Steps

1. **Prepare the Mounting Surface:** Ensure the electrical box or mounting surface is clean, dry, and structurally sound.
2. **Install the Retaining Plate:** Attach the provided retaining plate to the electrical box using the supplied screws. Ensure it is securely fastened.
3. **Connect Wiring:**
  - Connect the **black wire** from the fixture to the **live (black) wire** from your electrical supply.
  - Connect the **white wire** from the fixture to the **neutral (white) wire** from your electrical supply.
  - Connect the **green/yellow wire** (ground) from the fixture to the **ground wire** from your electrical supply.
  - Use wire nuts to secure all connections and wrap with electrical tape for added safety.
4. **Mount the Fixture:** Align the flood light fixture with the retaining plate and secure it using the fixing screws. Ensure the fixture is flush against the mounting surface.
5. **Adjust Light Heads:** Loosen the adjustment screws on each light head, position them to your desired angle, and then tighten the screws to secure them.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Image 6.2: Step-by-step guide for electrical installation.

## 7. OPERATION

The Atfoyer 100W LED Flood Light is controlled by a standard wall switch.

- **Turning On/Off:** Flip the connected wall switch to the "ON" position to illuminate the flood light. Flip it to the "OFF" position to turn the light off.
- **Adjusting Light Direction:** The three light heads can be manually adjusted to direct light where needed. Gently

loosen the side screws, adjust the angle, and then re-tighten the screws to secure the position.

*Note: This flood light does not include a motion sensor, solar power, or dusk-to-dawn functionality. It is solely controlled by a hardwired switch.*

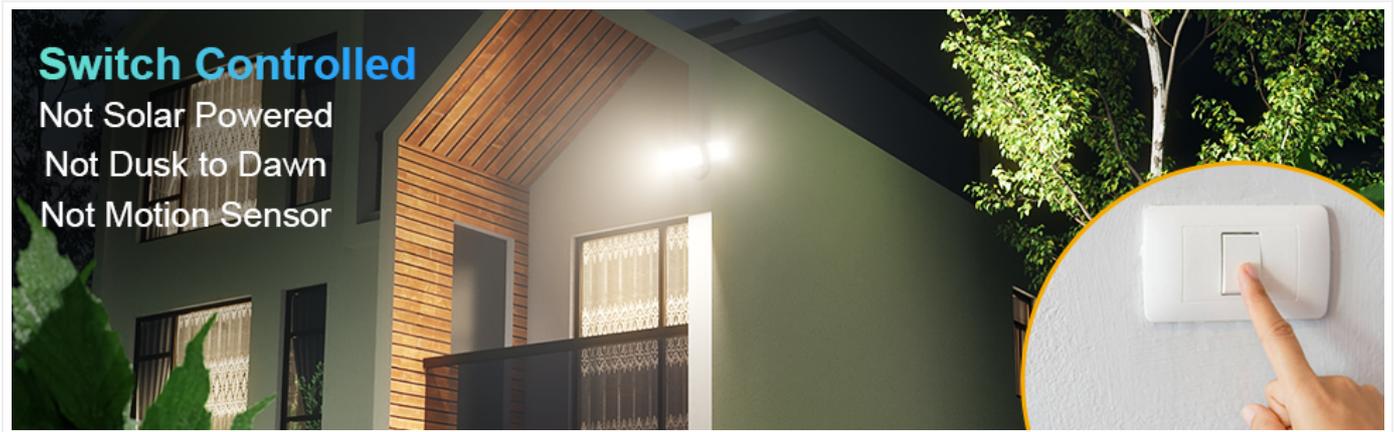


Image 7.1: The flood light is controlled by a standard wall switch.

## 8. MAINTENANCE

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The Atfoyer 100W LED Flood Light requires minimal maintenance.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **LED Longevity:** The integrated LED lights are designed for long-term use and do not require bulb replacement.

## 9. TROUBLESHOOTING

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If you encounter issues with your flood light, refer to the following common problems and solutions:

| Problem                 | Possible Cause   | Solution  |
|-------------------------|--|---|
| Light does not turn on. | No power supply.<br>Loose wiring connection.<br>Faulty switch. | Check circuit breaker/fuse.<br>Ensure all wire connections are secure (power off first).<br>Test the wall switch or replace if necessary. |
| Light flickers.         | Loose wiring.<br>Inconsistent power supply.                    | Check all wiring connections (power off first).<br>Consult an electrician to check your electrical supply.                                |
| Light output is dim.    | Dirt or debris on light heads.<br>Power supply issue.          | Clean the light heads.<br>Ensure the power supply is stable and meets specifications.   |

If the problem persists after trying these solutions, please contact customer support.

## 10. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the product packaging or contact Atfoyer customer service directly.

**Customer Service:** [Insert Customer Service Contact Information Here, if available]

**Online Resources:** You may also visit the Atfoyer store on Amazon for additional product information and support:

