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> ZHMA 40W LED Black Light (Model B07M65ZJPZ) Instruction Manual

## ZHMA B07M65ZJPZ

# ZHMA 40W LED Black Light (Model B07M65ZJPZ) Instruction Manual

Model: B07M65ZJPZ

## INTRODUCTION

This manual provides essential information for the safe and effective use of your ZHMA 40W LED Black Light. Please read these instructions carefully before installation and operation, and retain them for future reference. This black light is designed to produce ultraviolet (UV) light in the 380-420nm UVA range, ideal for illuminating fluorescent materials and creating special effects.

## IMPORTANT SAFETY INFORMATION

- **Electrical Safety:** Ensure the power supply voltage matches the product's requirements (110 Volts AC). Do not operate with damaged cords or plugs. Always unplug the device before cleaning or maintenance.
- **UV Exposure:** While this product emits UVA light (380-420nm), prolonged direct exposure to UV light can be harmful to eyes and skin. Avoid staring directly into the light source.
- **Heat Generation:** The light fixture can become hot during operation. Ensure adequate ventilation and avoid placing it near flammable materials. Do not touch the light fixture immediately after use.
- **Water Resistance:** This product is rated IP66 waterproof, meaning it is protected against powerful water jets and dust. However, it is not designed for submersion. Ensure the plug and power connection are protected from water.
- **Installation:** Install the light securely using the provided bracket. Ensure the mounting surface can support the weight of the fixture.
- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental injury or damage.

## PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- ZHMA 40W LED Black Light Fixture
- Adjustable Mounting Bracket
- Power Cord with Plug and Switch
- Instruction Manual (this document)

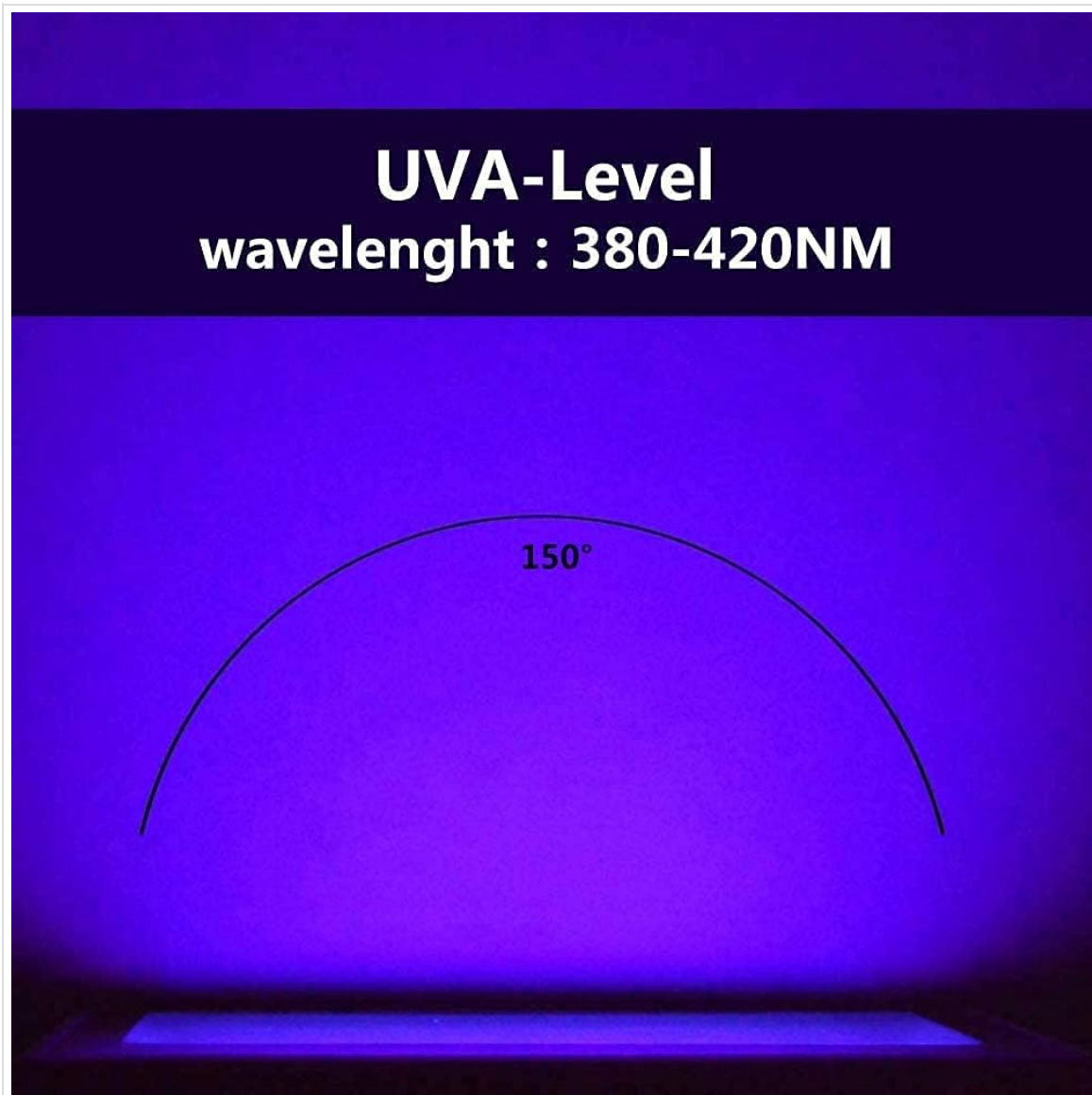


Image: The ZHMA 40W LED Black Light fixture, showing the main unit, power cord with switch, and adjustable mounting bracket.

## PRODUCT FEATURES

- **High Power Output:** 40W LED black light with 75 ultraviolet LEDs.
- **Optimal Wavelength:** Emits UVA light in the 380-420nm range for strong fluorescent effects.
- **Wide Beam Angle:** 150-degree wide beam angle for broad coverage.
- **Adjustable Bracket:** 180-degree adjustable bracket for flexible positioning.
- **Durable and Waterproof:** IP66 rating ensures protection against dust and water jets, suitable for indoor and outdoor use.
- **Energy Efficient:** Long lifespan of approximately 50,000 hours.
- **Easy to Use:** Equipped with a power plug and switch for simple operation, no complex wiring required.



**IP66 WATERPROOF**



Image: The black light fixture shown with water splashes, highlighting its IP66 waterproof design.



Image: Close-up views of the power plug with an integrated switch and the adjustable bracket, demonstrating its 180-degree rotation capability.

## SETUP INSTRUCTIONS

- 1. Unpack:** Carefully remove the black light and all components from the packaging. Inspect for any damage.
- 2. Mounting:**
  - Identify a suitable mounting location. The adjustable bracket allows for wall, ceiling, or floor mounting.
  - Using appropriate hardware (not included), securely attach the mounting bracket to the desired surface. Ensure the surface can safely support the weight of the light fixture.
  - Adjust the angle of the light fixture by loosening the screws on the sides of the bracket, setting the desired angle (up to 180 degrees), and then tightening the screws firmly to secure the position.
- 3. Power Connection:** Plug the power cord into a standard 110V AC electrical outlet. Ensure the outlet is easily accessible.

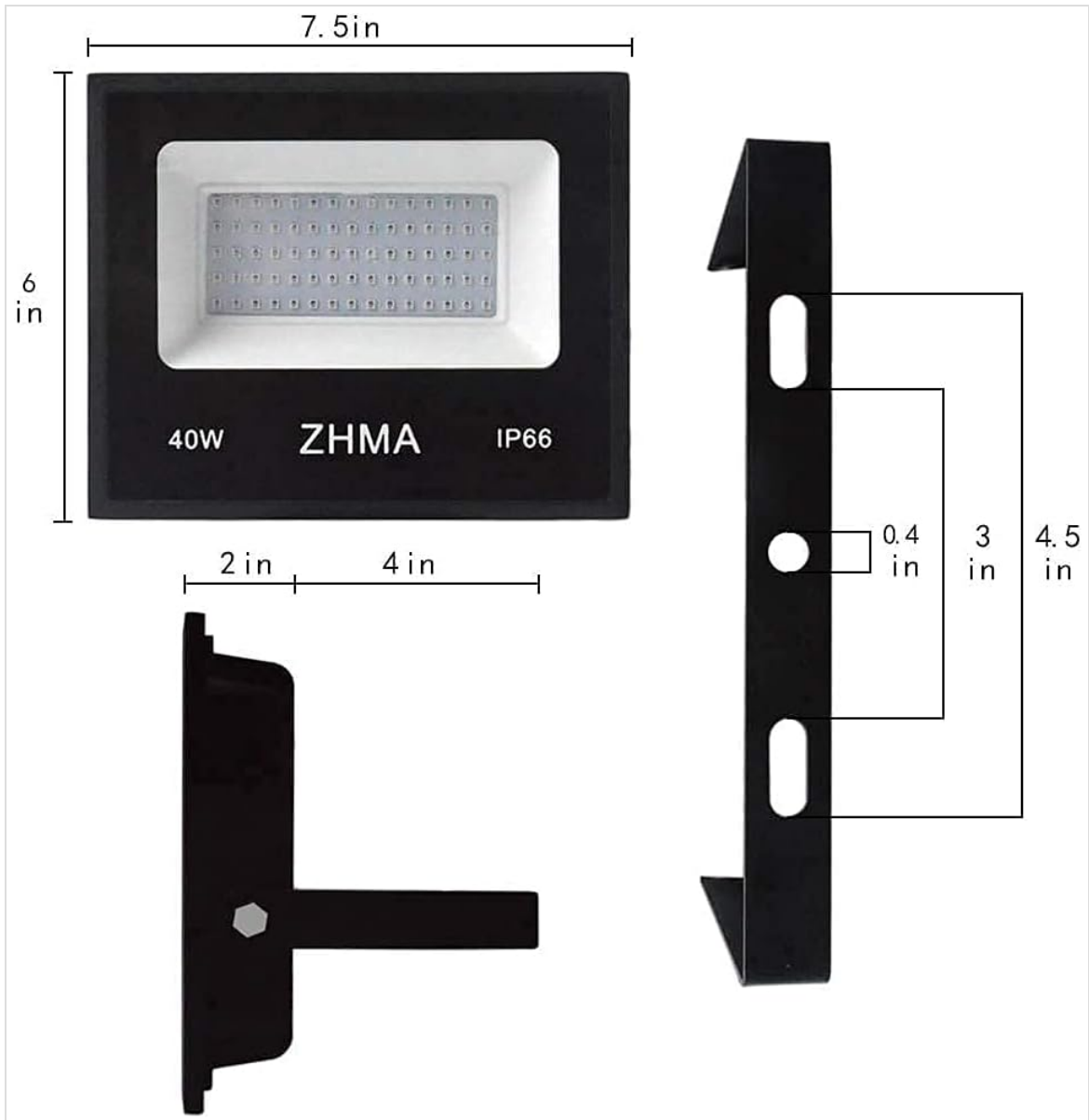


Image: Dimensional diagram of the black light fixture and its mounting bracket, providing measurements for installation planning.

## OPERATING INSTRUCTIONS

1. **Power On:** Once the light is securely mounted and plugged in, locate the switch on the power cord. Flip the switch to the "ON" position to activate the black light.
2. **Positioning:** Adjust the angle of the light as needed to achieve the desired illumination effect on fluorescent materials.
3. **Power Off:** To turn off the black light, flip the switch on the power cord to the "OFF" position. For extended periods of non-use, it is recommended to unplug the device from the power outlet.



Image: Various application scenarios demonstrating the black light's effect on fluorescent decorations and body paint in a dark environment.



Image: A side-by-side comparison illustrating the visual difference when the black light is off versus on, highlighting the activation of fluorescent items like balloons and tape.

## MAINTENANCE

- **Cleaning:** Before cleaning, ensure the black light is unplugged and completely cool. Use a soft, dry cloth to wipe the exterior. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the internal components. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the power cord, plug, and fixture for any signs of damage or wear. If any damage is found, discontinue use and contact customer support.
- **Storage:** When not in use for extended periods, store the black light in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power to the outlet. Power cord or plug is damaged. Switch is in "OFF" position.	Check if the outlet is functional by plugging in another device. Inspect the power cord and plug for damage. Do not use if damaged. Ensure the switch on the power cord is set to "ON".
Light is dim or flickering.	Unstable power supply. Internal component issue.	Try plugging into a different outlet. If the problem persists, contact customer support.
Fixture gets excessively hot.	Lack of ventilation. Prolonged operation in high ambient temperatures.	Ensure the light is in an area with good airflow. Avoid operating in enclosed spaces without ventilation. Allow the unit to cool down periodically if used for very long durations.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact ZHMA customer service for assistance.

## SPECIFICATIONS

Feature	Detail
Model	B07M65ZJPZ
Brand	ZHMA
Power	40 Watts
Light Source Type	Ultraviolet light (UVA)
Wavelength	380-420nm
Voltage	110 Volts AC
Waterproof Rating	IP66
Beam Angle	150 degrees
Adjustable Bracket	180 degrees
Lifespan	50,000 hours
Material	Metal, Glass
Item Weight	0.72 Kilograms



Image: An example of children's artwork illuminated by the black light, showcasing the fluorescent effect.

## WARRANTY AND CUSTOMER SUPPORT

Your ZHMA 40W LED Black Light comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product performs as described under normal use.

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact ZHMA customer service. Our team is available to provide friendly and helpful support.

**Contact Information:** Please refer to your purchase documentation or the official ZHMA website for the most current customer service contact details (e.g., email address or support portal).