Lysed Violet

Lysed 10W UV LED Black Light Flood Light (3-Pack) Instruction Manual

1. Introduction

This manual provides detailed instructions for the safe and effective use of your Lysed 10W UV LED Black Light Flood Light. Please read this manual thoroughly before installation and operation, and retain it for future reference.

Key Features:

- **Powerful Illumination:** 10W UV LED with 385-400 nm wavelength for strong fluorescent effects.
- **Wide Beam Angle:** 120-degree coverage suitable for various spaces.
- **Durable & Waterproof:** IP66 rated for both indoor and outdoor applications.
- **Efficient Heat Dissipation:** Fin-type heat sink design for extended LED lifespan.
- **Easy Installation:** Adjustable bracket for flexible positioning.

2. Safety Instructions

To ensure safe operation and prevent damage, observe the following precautions:

- **Electrical Safety:** Ensure the power supply voltage matches the product's requirements (110 Volts). Do not operate with damaged cords or plugs.
- **UV Light Exposure:** Avoid prolonged direct exposure of eyes and skin to the UV light. While this product operates in the UVA spectrum (385-400 nm), which is less harmful than UVC, excessive exposure should still be avoided.
- **Ventilation:** Ensure adequate ventilation around the light to prevent overheating, despite its efficient heat dissipation design.
- **Installation:** Install the light securely using the provided bracket. Do not mount on unstable surfaces.
- **Waterproof Rating:** The IP66 rating indicates protection against dust and powerful water jets. Do not submerge the light in water.
- **Children and Pets:** Keep the product out of reach of children and pets.

3. Package Contents

Verify that all items are present in the package:

- 3 x Lysed 10W UV LED Black Light Flood Light
- 3 x Adjustable Mounting Brackets
- 3 x Power Cords with On/Off Switch and US 3-Prong Plug

4. Setup and Installation

Follow these steps to set up your UV LED Black Light Flood Light:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Positioning:** Determine the desired location for your black light. The adjustable bracket allows for wall mounting or freestanding placement.
3. **Adjust Bracket:** Loosen the screws on the side of the bracket to adjust the light's angle (up to 180 degrees rotatable). Tighten the screws once the desired angle is achieved.
4. **Mounting (Optional):** If wall mounting, use appropriate hardware (not included) to secure the bracket to a stable surface. Ensure the light is firmly attached.
5. **Connect Power:** Plug the power cord into a standard 110V AC outlet. The light features an in-line on/off switch for convenience.



Figure 1: Product Dimensions and Rotatable Bracket. This image illustrates the compact size of the light (4.5"L x 3.3"W x 1.2"H) and the flexibility of its 180-degree adjustable mounting bracket.



Figure 2: Power Connection Details. This image highlights the waterproof wire interface, the convenient in-line on/off switch, and the standard US 3-prong power plug for easy connection.

5. Operating Instructions

Operating your Lysed UV LED Black Light is straightforward:

1. **Power On:** Once plugged in, use the in-line switch on the power cord to turn the light ON.
2. **Fluorescent Effects:** The light emits UV-A level light (385-400 nm wavelength), which is ideal for illuminating fluorescent materials, neon-colored objects, UV body paints, and glow-in-the-dark items.
3. **Optimal Placement:** For best results, position the black light to cover the desired area. The 120-degree beam angle ensures broad coverage.
4. **Power Off:** Use the in-line switch to turn the light OFF when not in use.



Figure 3: UVA-Level Wavelength. This image demonstrates the specific UVA wavelength (385-400 nm) emitted by the black light, which is effective for creating fluorescent effects.

Applications:

- Parties and Events
- Halloween Decorations
- Aquariums
- Stage Lighting
- Glow-in-the-dark activities
- Fluorescent art and body paint



Figure 4: Party and Decorative Applications. This collage illustrates the black light's versatility in enhancing party atmospheres, illuminating fluorescent posters, and creating vibrant glow effects in various indoor settings.



Figure 5: Halloween Decoration Use. This image demonstrates how the black light can be effectively used to illuminate Halloween decorations, making skeletons and other spooky elements glow in the dark.



Figure 6: Fluorescent Body Paint and Accessories. This collage showcases the black light's ability to make fluorescent body paints and party accessories glow brightly, creating dynamic visual effects.

6. Maintenance

Proper maintenance ensures the longevity and performance of your black light:

- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth to wipe the surface. For stubborn dirt, a slightly damp cloth can be used, ensuring no water enters the electrical components.
- **Storage:** When not in use for extended periods, store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check the power cord and housing for any signs of damage. Do not use if damaged.

7. Troubleshooting

If you encounter issues with your Lysed UV LED Black Light, refer to the following common problems and solutions:

- **Light Does Not Turn On:**
  - Ensure the power cord is securely plugged into a working 110V outlet.
  - Check the in-line on/off switch to confirm it is in the 'ON' position.
  - Verify that the power outlet is functional by testing it with another device.
- **Light is Dim or Flickering:**
  - Ensure the light is receiving stable power.
  - Check for any obstructions blocking the light output.
  - If the issue persists, contact customer support.
- **Overheating:**
  - Ensure the light is not covered or placed in an enclosed space that restricts airflow.
  - Allow sufficient space around the light for proper heat dissipation.

For issues not covered here, please contact Lysed customer support.

8. Specifications

Specification	Detail
Model Number	Violet
Wattage	10 Watts
Voltage	110 Volts
Light Source Type	LED
Wavelength	385-400 nm (UVA-Level)
Brightness	2400 Lumens (Light Output Maximum)
Beam Angle	120 Degrees
IP Rating	IP66 Waterproof
Material	Metal (Alloy finish), Glass (Shade)
Product Dimensions	4.5"L x 3.3"W x 1.2"H
Item Weight	2.33 pounds (per unit, approximate)
Mounting Type	Wall Mount
Special Features	Energy Efficient, Lightweight

9. Warranty and Support

Lysed provides an **18-month warranty** for this product, covering manufacturing defects from the date of purchase.

If you have any questions, require technical assistance, or need to claim warranty service, please contact Lysed customer support through the retailer's platform or the official Lysed website. Please have your purchase details and product model number (Violet) ready when contacting support.

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