



Manuals.plus /

- › Eliminator Lighting /
- › Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture User Manual

## Eliminator Lighting E-123 Black 24

# Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture User Manual

Model: E-123 Black 24

## 1. INTRODUCTION

---

Thank you for purchasing the Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture. This 24-inch black light tube and fixture is designed to produce a vibrant black light effect, ideal for various indoor applications such as parties, events, or enhancing fluorescent materials. It features a lightweight, plug-and-play design for easy setup and operation.

This manual provides important information regarding the safe installation, operation, and maintenance of your new black light fixture. Please read it thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

---

- **Indoor Use Only:** This product is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Electrical Safety:** Ensure the power outlet matches the fixture's voltage (120 Volts, 60 Hertz). Do not overload electrical outlets. Always unplug the fixture before cleaning or servicing.
- **Bulb Handling:** Fluorescent bulbs contain small amounts of mercury. Handle with care and dispose of according to local regulations. Avoid direct eye exposure to the UV light for extended periods.
- **Ventilation:** Ensure adequate ventilation around the fixture to prevent overheating. Do not cover the fixture with cloth or other materials.
- **Mounting:** Securely mount the fixture using appropriate hardware. While lightweight, ensure the mounting surface can support its weight.
- **Children and Pets:** Keep the fixture out of reach of children and pets.

## 3. PACKAGE CONTENTS

---

Upon opening the package, please verify that all components are present and undamaged:

- Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture (with pre-installed 20-watt fluorescent bulb)
- Integrated 3-foot (approximately 42-inch) power cable
- Mounting hardware (screws, anchors)

If any items are missing or damaged, please contact your retailer immediately.

## 4. SETUP AND INSTALLATION

---

The Eliminator Lighting E-123 Black 24 is designed for straightforward installation. A Phillips (+) screwdriver or drill will be required for mounting.

1. **Choose a Location:** Select an indoor location where the black light effect is desired. For optimal results, the area should be capable of being darkened. The fixture is effective in illuminating an area of approximately 13 x 13 feet.
2. **Mounting:**
  - Position the fixture on a wall or ceiling.
  - Mark the locations for the mounting screws.
  - Drill pilot holes if necessary, and insert wall anchors if mounting into drywall.
  - Secure the fixture using the provided screws. Ensure it is firmly attached.
3. **Power Connection:** Plug the integrated 3-foot power cable into a standard 120V AC, 60Hz electrical outlet. If the fixture is mounted high, an extension cord may be necessary.



Figure 1: Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture. This image shows the complete black light fixture, including the tube and housing, ready for installation.

*Note:* The fixture includes a mylar reflector behind the bulb to help direct the light. Consider this directionality when positioning the unit for your desired effect.

## 5. OPERATION

---

Operating the Eliminator Lighting E-123 Black 24 is simple:

1. **Ensure Power:** Confirm the fixture is securely plugged into a live electrical outlet.
2. **Activate:** Locate the push-button switch on the fixture (if present) or use the wall switch controlling the outlet to turn the unit ON.
3. **Dark Environment:** For the best black light effect, operate the fixture in a dark or dimly lit room. Natural light can significantly diminish the perceived effect.
4. **Deactivate:** To turn off the fixture, use the push-button switch or the wall switch. Unplug the unit from the power outlet when not in use for extended periods.

## 6. MAINTENANCE

---

Regular maintenance ensures the longevity and optimal performance of your black light fixture.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe down the exterior of the fixture. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The fixture uses a 20-watt fluorescent bulb with an E12 base. If the bulb ceases to function, replace it with an identical type. Ensure the fixture is unplugged and cool before attempting bulb replacement. Carefully twist the old bulb out and insert the new one.
- **Reflector Inspection:** Periodically check the internal mylar reflector for peeling or damage. While minor peeling may occur over time, significant damage can affect light output.

## 7. TROUBLESHOOTING

---

If you encounter issues with your Eliminator Lighting E-123 Black 24, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fixture does not turn on.	No power, faulty outlet, or burnt-out bulb.	Check power connection. Test the outlet with another device. Replace the fluorescent bulb if necessary.
Black light effect is weak.	Too much ambient light, or bulb is aging.	Operate in a darker environment. Consider replacing the bulb if it has been in use for a long time.
Reflector material is peeling.	Normal wear or manufacturing variation.	Minor peeling typically does not significantly impact performance. If severe, contact customer support.
Fixture feels flimsy.	Lightweight plastic construction.	This is a lightweight unit. Ensure it is securely mounted and handled with care.

## 8. SPECIFICATIONS

---

<b>Brand:</b>	Eliminator Lighting (adj)
<b>Model Name:</b>	E-123 Black 24
<b>Light Type:</b>	Fluorescent Black Light
<b>Wattage:</b>	20 Watts
<b>Bulb Base:</b>	E12
<b>Voltage:</b>	120 Volts
<b>Frequency:</b>	60 Hertz
<b>Brightness:</b>	1300 Lumen (White Brightness, for reference)
<b>Light Color:</b>	Black (UV)
<b>Indoor/Outdoor Usage:</b>	Indoor Only
<b>Controller Type:</b>	Push Button
<b>Power Source:</b>	Corded Electric
<b>Material Type:</b>	Glass, Plastic
<b>Item Weight:</b>	1 Pound
<b>Dimensions:</b>	24 inches (length)

## 9. WARRANTY AND SUPPORT

---

The Eliminator Lighting E-123 Black 24 Fluorescent Black Light Fixture comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For warranty claims or technical support, please contact your retailer or the manufacturer, Eliminator Lighting, directly. Please retain your proof of purchase for warranty validation.