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› THECHAM 42W LED Black Light Bar Instruction Manual

THECHAM CM-SMBL42W-1Pack

THECHAM 42W LED Black Light Bar

Instruction Manual

INTRODUCTION

Thank you for choosing the THECHAM 42W LED Black Light Bar. This product is designed to provide powerful ultraviolet (UV) light, ideal for illuminating fluorescent materials, creating vibrant glow effects for parties, decorations, and artistic displays. Featuring a durable, waterproof design and an extended power cord, this black light bar offers versatility and ease of use. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.



Image: The THECHAM 42W LED Black Light Bar, showcasing its sleek design and the product packaging.

SAFETY INFORMATION

To prevent injury or damage to the product, observe the following safety precautions:

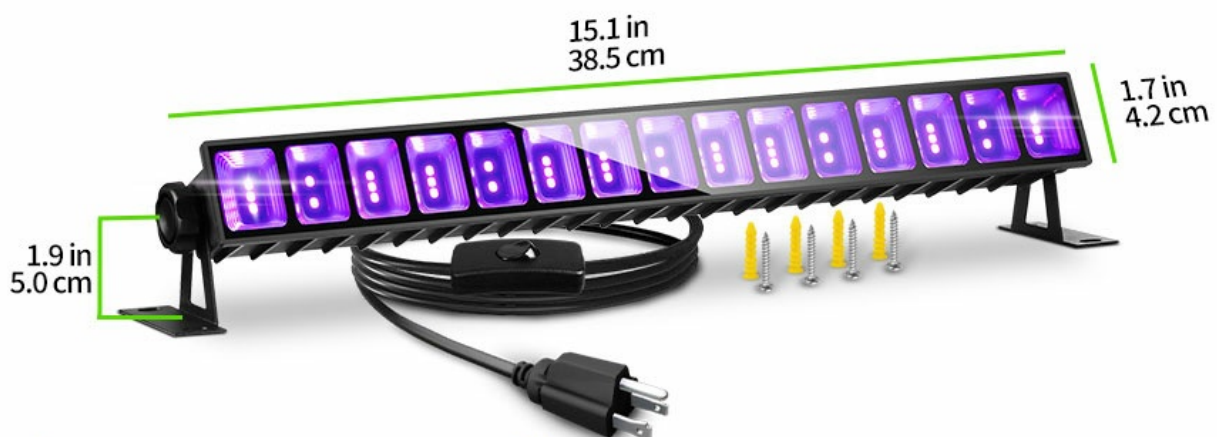
- Ensure the power source matches the product's voltage requirements (120 Volts AC).
- The black light bar itself is IP66 waterproof, suitable for outdoor use. However, **the plug and switch are not waterproof** and must be protected from moisture and water exposure.
- Do not touch the black light bar during operation, as its working temperature can reach up to 131°F (55°C). Allow it to cool before handling.
- Avoid direct, prolonged eye exposure to the UV light. While this LED black light uses a 385-400nm wavelength, which is generally harmless, direct exposure should still be minimized.
- Keep the product away from flammable materials.
- Do not attempt to disassemble or modify the product. Refer all servicing to qualified personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x THECHAM 42W LED Black Light Bar
- 2 x Mounting Brackets
- 4 x Screws
- 4 x Expansion Tubes
- 1 x Instruction Manual (this document)

SPECIFICATIONS



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Power : 42W

Operating Voltage : 120V

Wavelength : 385-400nm

Max working temperature : 55 °C (131°F)

Power cord length: 6ft/ 1.8m (Plug included)

Water prevention level: IP66

Material: graphene+tempered glass

Control method: switch

Each blacklight bar comes with:

2*bracket+4*(screw+expansion tube)

Image: A detailed diagram illustrating the dimensions and key specifications of the black light bar, including its length, width, and power cord length.

Feature	Detail
Model Number	CM-SMBL42W-1Pack
Power	42 Watts
Light Source	40 Premium LED Beads
Operating Voltage	120 Volts (AC)
Wavelength	385-400nm (Harmless)
Beam Angle	120 Degrees
Material	Graphene, Tempered Glass
Water Protection Level	IP66 (Light bar only, plug/switch not waterproof)
Power Cord Length	6 ft (1.8m) with US plug and On/Off switch
Product Dimensions (L x W x H)	15.1" x 1.7" x 15.1" (38.5cm x 4.2cm x 38.5cm)
Item Weight	10.5 ounces
Average Life	Up to 55,000 hours

SETUP

The THECHAM 42W LED Black Light Bar offers flexible installation options:

Adaptability

Applicable to various locations
in various rooms

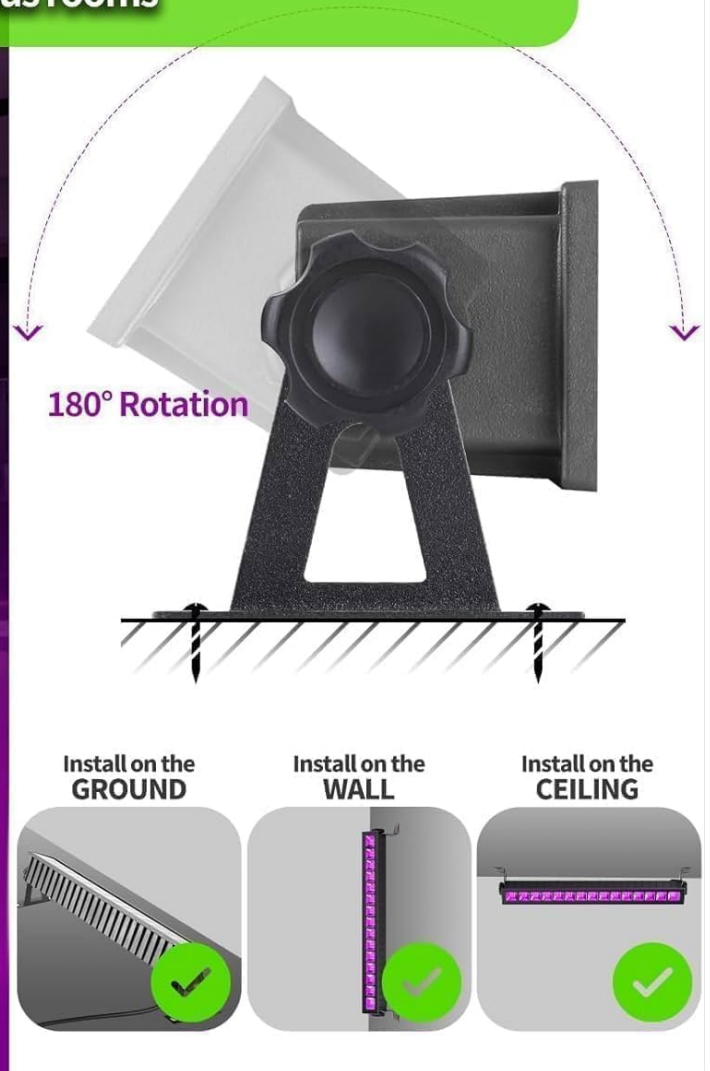


Image: The black light bar's adaptability, demonstrating its ability to be installed on the ground, wall, or ceiling, with a 180-degree adjustable bracket.

- 1. Choose a Location:** Select a suitable location for your black light bar. It can be mounted on the ceiling, wall, or placed on the floor. Consider the area you wish to illuminate; the light can effectively cover a 24x24ft space.
- 2. Attach Brackets:** Secure the two included mounting brackets to the desired surface using the provided screws and expansion tubes. Ensure the brackets are firmly attached and spaced appropriately for the light bar.
- 3. Mount the Light Bar:** Attach the black light bar to the mounted brackets. The brackets allow for 360-degree adjustment, enabling you to direct the light precisely where needed.
- 4. Position the Cord:** The light bar comes with a 6ft (1.8m) power cord. Position the cord safely, ensuring it does not pose a tripping hazard and that the plug and switch are protected from water, especially if used outdoors.



Image: Left: Detail of the adjustable mounting bracket. Right: Detail of the in-line on/off switch for easy control.

OPERATING INSTRUCTIONS

Using your THECHAM 42W LED Black Light Bar is straightforward:

1. **Connect to Power:** Plug the 6ft power cord into a standard 120V AC electrical outlet.
2. **Turn On:** Locate the in-line On/Off switch on the power cord and toggle it to the 'On' position. The black light bar will immediately emit UV light.
3. **Enjoy the Effect:** The black light bar is designed to make fluorescent objects glow brightly. It is suitable for reactive pigments, blacklight body paint, neon posters, uranium glass, and various glow-in-the-dark items.

Easy to Use

Easy to change working state with one click switch



Image: Demonstrates the 'Easy to Use' feature, showing a wall decoration before and after the black light is turned on, highlighting the glow effect.

The 120-degree wide beam angle ensures a broad coverage, making it ideal for various settings such as bedrooms, game rooms, classrooms, music rooms, and party venues.



Image: A vibrant Halloween party scene, showcasing how the black light enhances costumes and decorations, creating a festive atmosphere.



Image: A collage demonstrating the wide range of applications for the black light, including illuminating uranium glass, fluorescent art, and body paint.

MAINTENANCE

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

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the surface of the light bar. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the light bar in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Water Protection:** While the light bar is IP66 waterproof, always ensure the power plug and switch are kept dry and protected from rain or splashes.

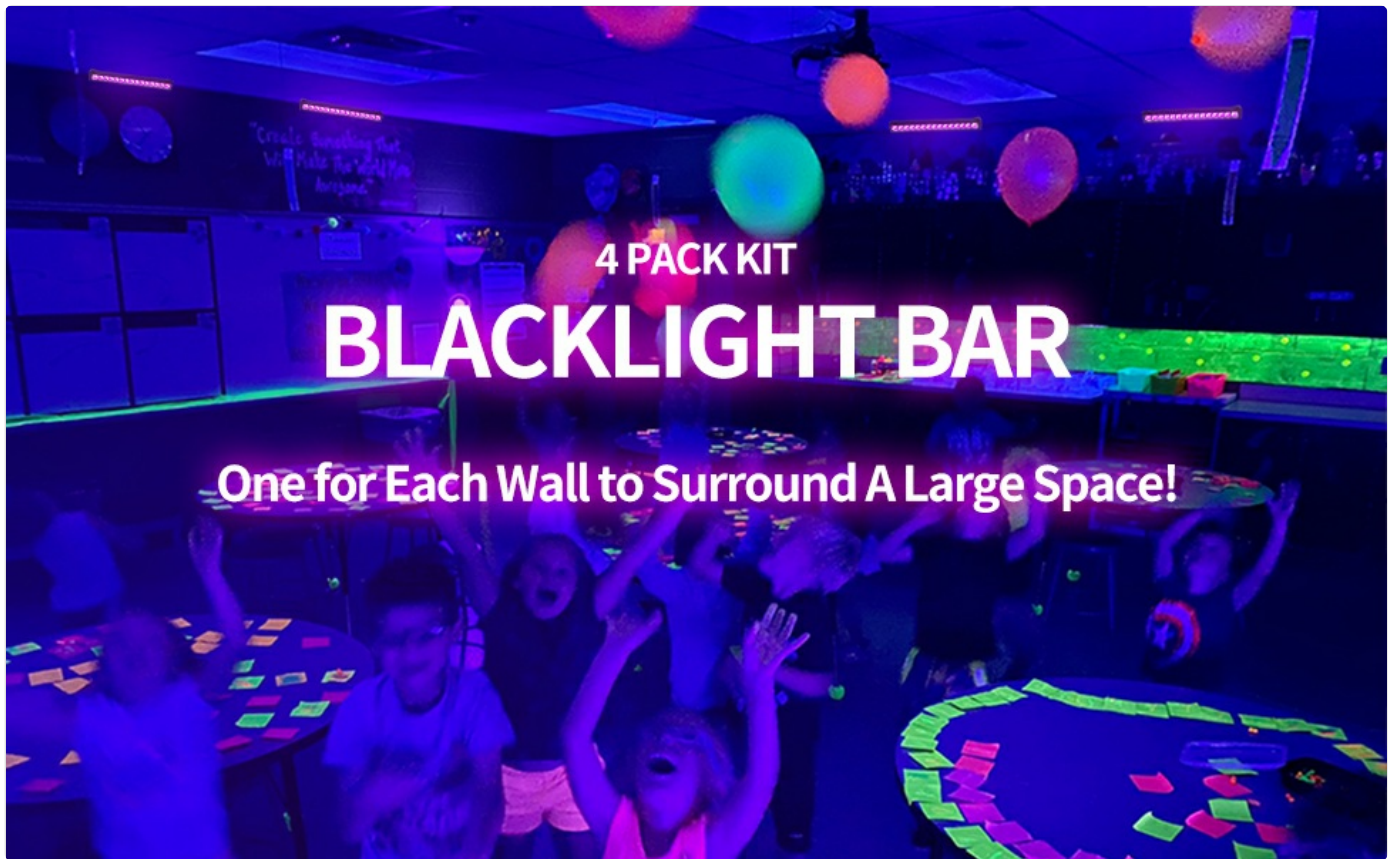


Image: The black light bar being exposed to water, illustrating its IP66 waterproof capability for the light unit itself.

TROUBLESHOOTING

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

Problem	Solution
Light does not turn on.	<ul style="list-style-type: none"> ◦ Check if the power cord is securely plugged into a working electrical outlet. ◦ Ensure the in-line On/Off switch is in the 'On' position. ◦ Test the outlet with another device to confirm it has power.
Light is dim or not glowing brightly.	<ul style="list-style-type: none"> ◦ Ensure the room is sufficiently dark for the black light effect to be visible. ◦ Verify that the objects you are trying to illuminate are indeed fluorescent or UV-reactive. ◦ Adjust the position and angle of the light bar using its adjustable bracket to optimize coverage.
Light flickers or turns off intermittently.	<ul style="list-style-type: none"> ◦ Check for loose connections at the plug or switch. ◦ Ensure the light bar is not overheating. Provide adequate ventilation around the unit. ◦ If the issue persists, discontinue use and contact customer support.

WARRANTY AND SUPPORT

THECHAM is committed to providing high-quality products. For any questions, concerns, or technical support regarding your 42W LED Black Light Bar, please contact THECHAM customer service. While specific warranty details are not provided in this manual, please retain your purchase receipt for any potential warranty claims.

You can find more information and contact details by visiting the official THECHAM store on Amazon:

Visit THECHAM
Store

