

[Manuals.plus](#) /

> [SHEHDS](#) /

> SHEHDS LEKO Profile Spotlights LED 250W RGBW 4in1 Color 17° Beam Angle DJ Ellipsoidal Lights Manual Focus Four-Leaf Manual Cut Light Barrier 2500K-7500k DMX512 Stage Par Lights for Party KTV Bar Show

SHEHDS par light

SHEHDS LEKO Profile Spotlights LED 250W RGBW 4in1 Color 17° Beam Angle DJ Ellipsoidal Lights User Manual

Model: par light | Brand: SHEHDS

[Information](#) [Setup](#) [Operation](#) [Introduction](#) [Safety](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

The SHEHDS LEKO Profile Spotlight is a versatile LED lighting fixture designed for stage, party, KTV, bar, and show applications. It features a 250W RGBW 4in1 LED source, offering a wide range of colors and mixed color output. With a 17° beam angle and adjustable color temperature from 2500K to 7500K, this spotlight provides dynamic lighting effects. Its robust aluminum alloy casing ensures durability, while the low noise cooling fan maintains optimal performance. The fixture supports various operational modes including DMX512, Auto, Sound Control, Stand Alone, Master/Slave, RDM, and Strobe, with linearly adjustable brightness (0-100% 16bit) for smooth color mixing.



Figure 1: SHEHDS LEKO Profile Spotlight.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or maintaining this product. Failure to do so may result in serious injury or property damage.

- **Electrical Safety:** Ensure the power supply voltage matches the product's requirements. Always disconnect power before cleaning, servicing, or moving the fixture. Use only grounded outlets.
- **Heat and Ventilation:** This fixture generates heat. Ensure adequate ventilation around the unit. Do not block ventilation openings. Maintain a minimum distance of 0.5 meters from flammable materials.
- **Mounting:** Securely mount the fixture using appropriate hardware. Ensure the mounting surface can support the weight of the fixture. Use a safety cable when suspending the unit.

- **Eye Safety:** Do not look directly into the light source when the fixture is operating, as it can cause eye damage.
- **Environmental Conditions:** Do not expose the fixture to rain or moisture. Operate in a dry environment. Avoid extreme temperatures.
- **Professional Installation:** Installation and servicing should only be performed by qualified personnel.

3. SETUP

3.1 Unpacking

Carefully remove the fixture and all accessories from the packaging. Verify that all components listed in the packing list are present and undamaged.



Figure 2: Product dimensions and included accessories, typically including the ellipsoidal profile leko light, a 1.2 meter DMX cable, a 1.2 meter power cable, and a user manual.

3.2 Mounting

The SHEHDS LEKO Profile Spotlight can be mounted on a flat surface using its movable strong tripod or suspended from a truss using appropriate clamps (not included). Ensure the fixture is stable and secure in its chosen position.



Figure 3: Key components of the spotlight, including the 4 manual light shutters, tightening knob, focusing track, and movable strong tripod for stable placement.

3.3 Power Connection

Connect the provided power cable to the fixture's power input and then to a suitable grounded power outlet. Ensure the power source meets the fixture's voltage requirements (1.2E+2 Volts AC).

3.4 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the fixture. If linking multiple fixtures, connect the DMX OUT of the first fixture to the DMX IN of the next, and so on. Terminate the last fixture in the chain with a DMX terminator.

4. OPERATING INSTRUCTIONS

The SHEHDS LEKO Profile Spotlight offers multiple operational modes for diverse lighting needs.

4.1 Control Panel Overview

The fixture features a digital display and control buttons for navigating menus and setting parameters. Refer to the specific

DMX channel chart in the full manual for detailed DMX values.

4.2 Operational Modes

- **DMX512 Mode:** Allows external control via a DMX controller. Set the DMX address using the control panel. The fixture supports 1, 2, 3, 4, or 5 DMX channels depending on the selected mode. The DMX address will be retained even after power cycling.
- **Auto Mode:** The fixture runs through pre-programmed light sequences automatically.
- **Sound Control Mode:** The light effects react to ambient sound, ideal for music-driven events.
- **Stand Alone Mode:** Operates independently using internal programs.
- **Master/Slave Mode:** Link multiple fixtures where one acts as the master, controlling the others (slaves).
- **RDM (Remote Device Management):** Enables remote configuration and monitoring of the fixture via a compatible DMX controller.
- **Strobe:** Adjustable strobe rate from 0-25Hz.

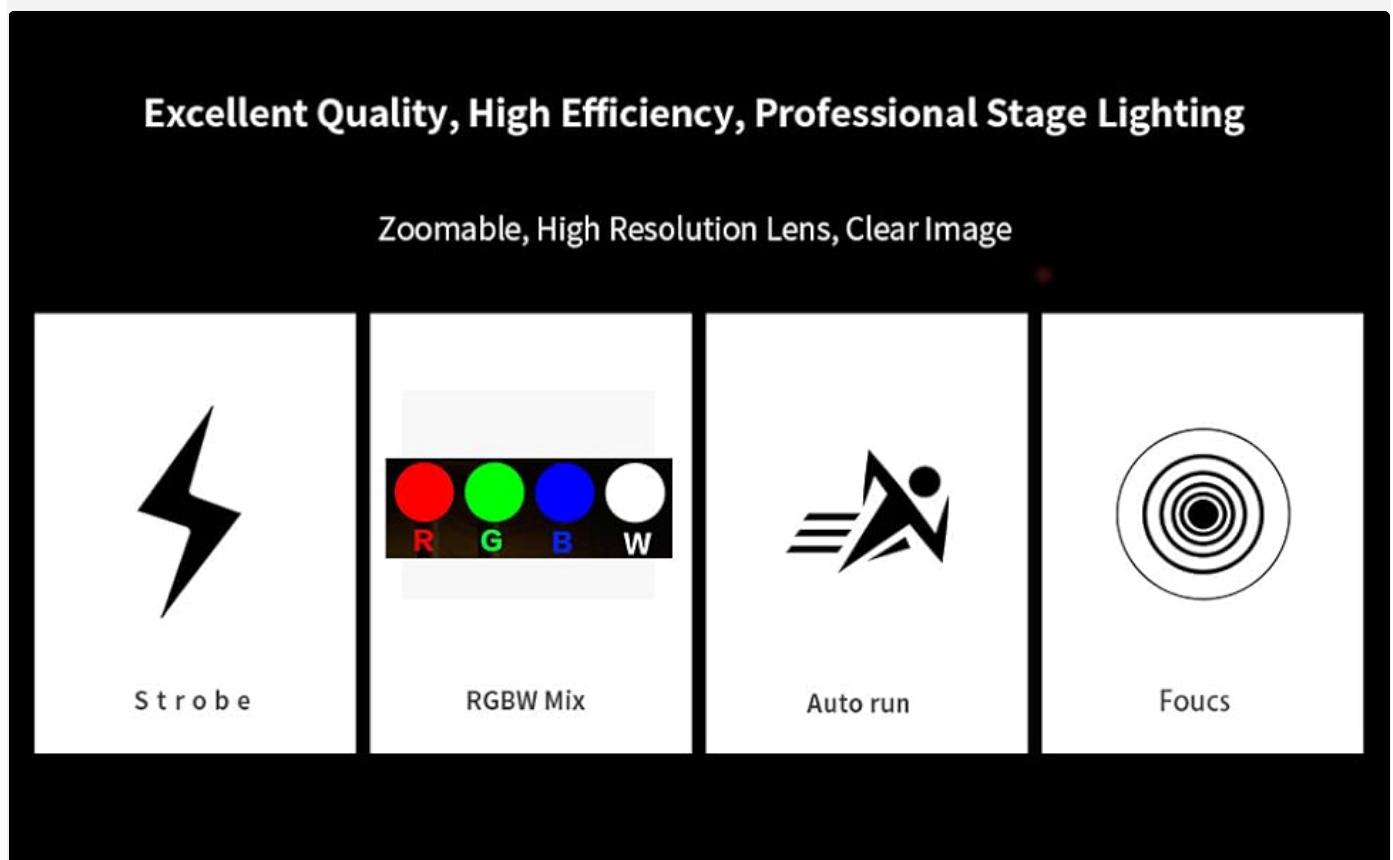


Figure 4: Visual representation of key features including Strobe, RGBW Mix, Auto run, and Focus capabilities.

4.3 Color Mixing and Brightness

The RGBW 4in1 LED system allows for a vast spectrum of colors and mixed color output. Brightness is linearly adjustable from 0-100% with 16-bit precision, ensuring smooth dimming and color transitions.

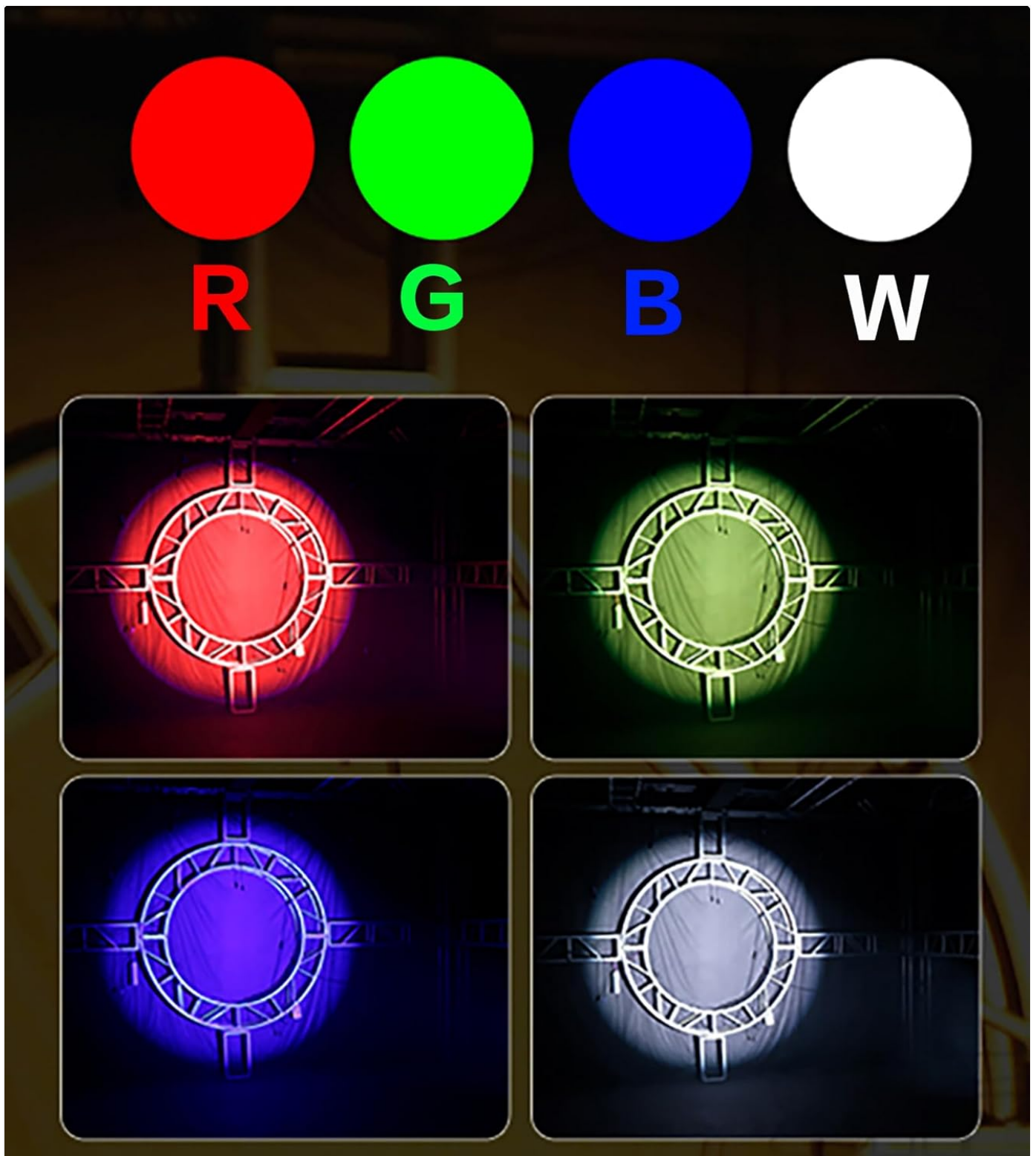


Figure 5: Demonstrates the individual Red, Green, Blue, and White (RGBW) colors, and their combined effects when projected.

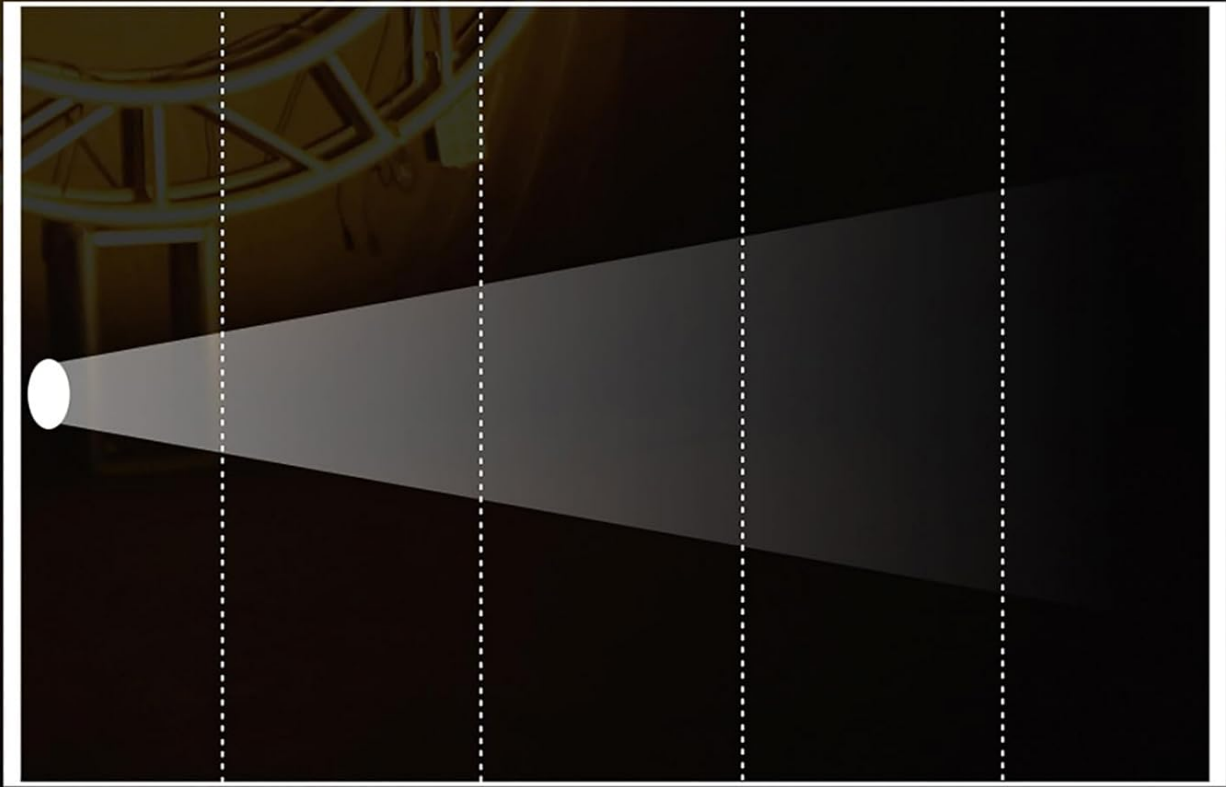


Figure 6: Illustrates the vibrant color mixing capabilities of the RGBW 4IN1 system, showing various projected colors.

4.4 Beam Angle and Focusing

The fixture has a fixed 17° beam angle. Manual focus allows for sharp projection of light. The four manual light shutters can be adjusted to create various patterns, including full circle, half circle, 1/3 circle, and 1/4 circle, enabling precise light shaping for different stage requirements.

Beam Angle: 17°

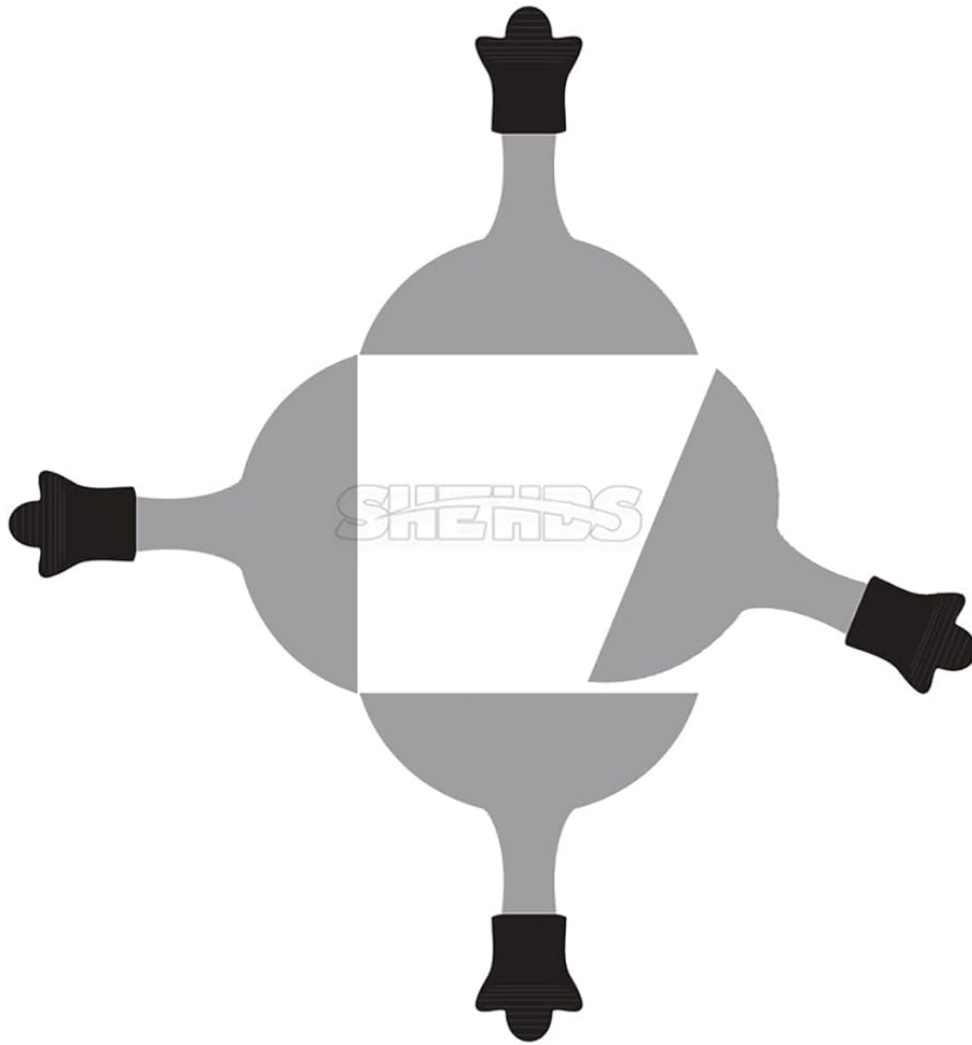


Manual Focus

Focus Beam Angles Are Available In A Wide Range Of Applications

Figure 7: Diagram illustrating the 17° beam angle and the manual focus capability, which allows for a wide range of applications.

4pcs Mannual Light Shutters, You Can Make Many Patterns



Display Of Pattern Making

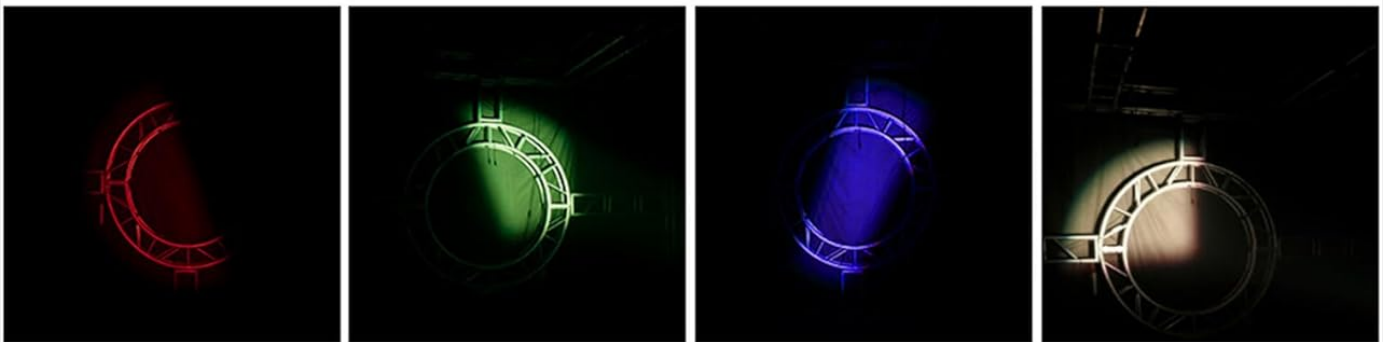


Figure 8: Shows how the four manual light shutters can be used to create various light patterns, such as full circles, half circles, and quarter circles.



Figure 9: Examples of various light patterns that can be achieved with the adjustable shutters, including different shapes and partial projections.

4.5 Video Demonstration

Watch the official product video for a visual demonstration of the SHEHDS LEKO Profile Spotlight's features and effects.

Your browser does not support the video tag.

Video 1: Demonstration of the 250W LEKO Profile Spotlight, showcasing its various color outputs and pattern capabilities in a stage environment.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SHEHDS LEKO Profile Spotlight.

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the fixture is cool and unplugged before cleaning.
- **Fan and Ventilation:** Keep the cooling fan and ventilation openings free from dust and debris to prevent overheating. Use compressed air to clear any blockages.
- **Cable Inspection:** Regularly inspect power and DMX cables for any signs of damage, fraying, or loose connections. Replace damaged cables immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; faulty cable; internal fuse blown.	Check power connection and outlet; replace power cable; consult qualified technician for fuse replacement.
No DMX control.	Incorrect DMX address; faulty DMX cable; no DMX signal; missing terminator.	Verify DMX address setting; check DMX cable connections; ensure DMX controller is active; add DMX terminator to the last fixture.
Light output is dim or inconsistent.	Dust on lens; overheating; incorrect mode setting.	Clean the lens; ensure proper ventilation; check operational mode settings.
Fan noise is excessive.	Dust in fan; fan malfunction.	Clean fan blades; if noise persists, contact support.

If you encounter issues not listed here or if the problem persists after attempting the solutions, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Light Source Type	Light Emitting Diode
Color	RGBW 4IN1 Color
Beam Angle	17°
Color Temperature	2500K-7500K
Wattage	250 Watts
Brightness	22000 lumen
Voltage	1.2E+2 Volts (AC)
Material	Metal (Aluminum Alloy)
Product Dimensions	22"L x 6.3"W x 6.7"H
Item Weight	23.7 pounds
Operational Modes	DMX512, Auto, Sound Control, Stand Alone, Master/Slave, RDM, Strobe
DMX Channels	1/2/3/4/5 (selectable)
Strobe Rate	0-25Hz
Brightness Adjustment	0-100% (16-bit linearly adjustable)



Figure 10: Detailed product dimensions: 22 inches in length, 6.3 inches in width, and 6.7 inches in height.

8. WARRANTY & SUPPORT

SHEHDS is committed to providing high-quality products and excellent customer service.

- **Warranty:** A 1-Year Warranty is provided for this product.
- **Replacement Policy:** A 1-Month Replacement policy is available for eligible issues.
- **Customer Service:** Friendly after-sale service and technology support are provided for every customer. For assistance, please refer to the contact information provided with your purchase or visit the official SHEHDS store.



Figure 11: Overview of customer support services, including instant customer service, 1-month replacement, and 1-year warranty.

© 2023 SHEHDS. All rights reserved.
For more information, visit the [SHEHDS Store](#).