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› [SHEHDS](#) /

› [SHEHDS 200W COB Par Light User Manual \(Model 200W_IP65\)](#)

SHEHDS 200W_IP65

SHEHDS 200W COB Par Light User Manual

Model: 200W_IP65

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHEHDS 200W COB Par Light. This professional stage lighting fixture features a 200W COB LED, offering both cool white (4500K) and warm white (3500K) illumination. Designed with an IP65 waterproof rating and a fanless, muted operation, it is suitable for various indoor and outdoor applications. Please read this manual thoroughly before installation and use.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Ensure the power supply voltage matches the specified requirements of the fixture. Always connect to a grounded power outlet. Disconnect power before any service or maintenance.
- **Installation:** Install the fixture in a well-ventilated area, away from flammable materials. Ensure mounting surfaces and hardware can support the weight of the fixture.
- **Temperature:** Do not operate the fixture in environments exceeding 40°C (104°F). Allow adequate space around the fixture for heat dissipation.
- **Eye Protection:** Avoid direct eye exposure to the light source, as it can cause eye damage.
- **Waterproof Rating:** The fixture is IP65 rated, meaning it is protected against dust and low-pressure water jets. While suitable for outdoor use in rain, avoid submerging the unit.
- **Maintenance:** Refer all servicing to qualified personnel. Do not attempt to repair the unit yourself.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- SHEHDS 200W COB Par Light (1 unit)
- Instruction Manual (1 copy)
- Signal Line (1 unit)
- Power Cord (1 unit)

PACKAGE DETAILS



Image: Contents of the SHEHDS 200W COB Par Light package.

Lighting equipment*1
Instruction manual*1
Signal line*1
Power cord*1

4. PRODUCT OVERVIEW AND FEATURES

The SHEHDS 200W COB Par Light is engineered for robust performance and versatility in various lighting scenarios.

- **IP65 Waterproof Design:** Features a durable cast aluminum shell with waterproof signal lines, power cords, and control buttons, ensuring reliable operation in outdoor conditions.
- **High-Brightness COB LED:** Equipped with a 200W COB (Chip-on-Board) LED, providing uniform and powerful cool white (4500K) or warm white (3500K) illumination. The light is designed to be non-glare and eye-safe.
- **Fanless Muted Operation:** Operates silently without a cooling fan, making it ideal for environments where noise reduction is critical.
- **Wide Beam Angle:** Offers a beam angle of 65°-70°, with an effective range of up to 10 meters.
- **Strobe and Dimmer Functions:** Includes a shuttle flash rate of 0-10Hz and a 0-100% mechanical dimmer for dynamic lighting effects.
- **Durable Construction:** Built with a sturdy aluminum alloy shell and a long-lasting COB light source, ensuring an LED lifespan exceeding 60,000 hours.

Waterproof LED Par

IP65 Level

Cool+Warm White

COB 200W



Image: Front view of the SHEHDS 200W COB Par Light, illustrating its cool and warm white capabilities and IP65 rating.

WATERPROOF



Professional waterproof

Waterproof case



Waterproof power cord



CONTROL BUTTON



The back control button can be used to adjust the channel value to change the lighting effect, and the button is waterproof.



FIXING SCREW
Fixed support angle

SUPPORT FRAME
Supportable equipment can also be used for suspension

Image: Close-up of the light's waterproof design and rear control panel.

5. SETUP AND INSTALLATION

The SHEHDS 200W COB Par Light is designed for flexible installation. Always ensure the fixture is securely mounted to prevent accidents.

5.1 Mounting Options

- **Floor Mount:** The integrated dual mounting brackets allow the light to be placed directly on a flat surface. Adjust the angle using the durable knobs on the sides.
- **Ceiling/Truss Mount:** The flexible dual mounting brackets can also be used to hang the fixture from a ceiling or truss system. Ensure appropriate clamps and safety cables (not included) are used and rated for the fixture's weight (approximately 10.78 lbs / 5.05 kg).

5.2 Power Connection

Connect the provided power cord to the fixture's power input and then to a suitable grounded power outlet. Ensure the power source meets the fixture's electrical requirements.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX signal line from your DMX controller to the DMX IN port of the fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on. The fixture uses

waterproof DMX connectors; ensure you use compatible cables or adapters.

SIZE AND WEIGHT



Weight: 5.05kg

Image: Dimensions and weight of the SHEHDS 200W COB Par Light.

6. OPERATING INSTRUCTIONS

The SHEHDS 200W COB Par Light can be operated via its onboard control panel or an external DMX controller.

6.1 Onboard Control Panel

The back control panel features a digital display and buttons to navigate menus and adjust settings. Press the 'Menu' button to cycle through options, 'Up'/'Down' to change values, and 'Enter' or 'OK' to confirm. Specific modes and settings include:

- **DMX Address Setting:** Set the DMX starting address for external control. Once set and confirmed, the address is preserved even after power cycling.
- **Manual Dimmer:** Adjust the light intensity from 0-100%.
- **Strobe Effect:** Activate and adjust the flash rate from 0-10Hz.
- **Color Selection:** Switch between Cool White (4500K) and Warm White (3500K) modes.

Lighting Effect: COB 200W Cool White+Warm White



Image: Examples of warm white and cool white lighting effects.

COB 200W Par Light

Warm White

Cool White

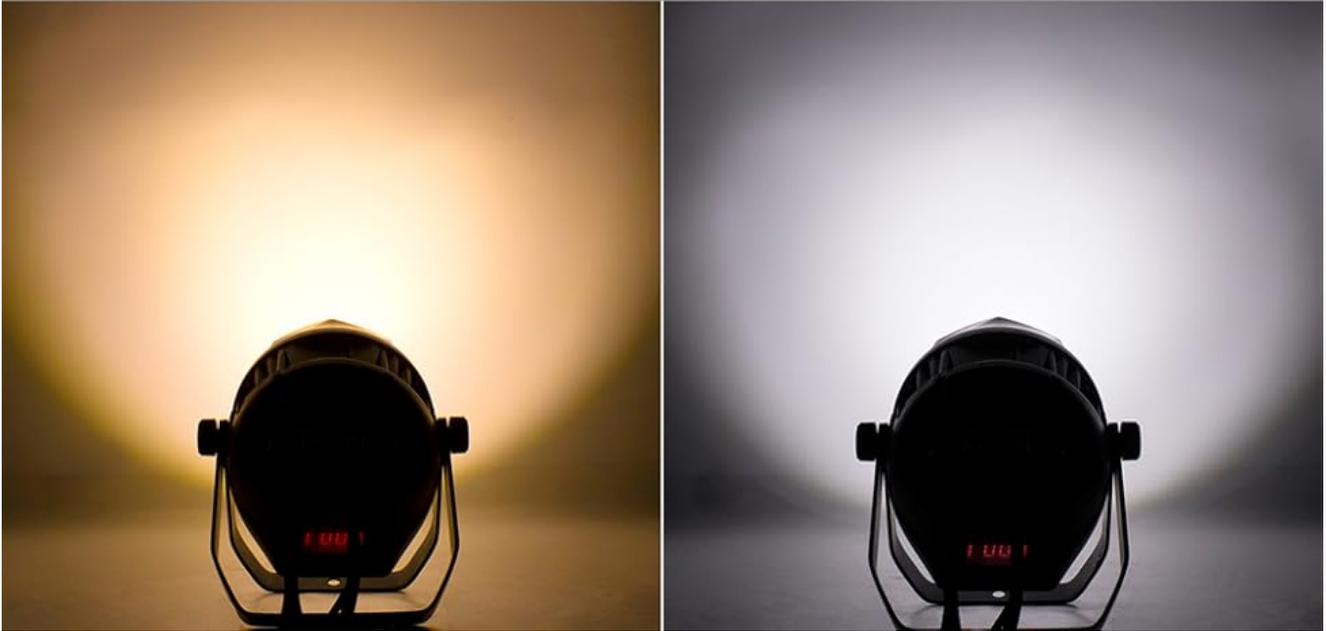


Image: Direct comparison of warm white and cool white output.

7. DMX CONTROL

The SHEHDS 200W COB Par Light is compatible with DMX512 protocol, allowing for professional control over its functions.

7.1 DMX Channel Assignment

Refer to the specific DMX channel chart provided with your fixture for detailed channel assignments. Typically, channels will control:

- **Channel 1:** Master Dimmer (0-100%)
- **Channel 2:** Cool White Intensity
- **Channel 3:** Warm White Intensity
- **Channel 4:** Strobe Speed (0-10Hz)

Consult the fixture's display for the current DMX address and mode settings. Ensure your DMX controller is configured to match the fixture's address and channel mode.

8. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your SHEHDS 200W COB Par Light.

- **Cleaning:** Periodically clean the lens and exterior housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check power and signal cables for any signs of damage. Ensure all mounting hardware is secure.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

9. TROUBLESHOOTING

If you encounter issues with your SHEHDS 200W COB Par Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty cable; internal issue.	Check power connection and outlet. Test with a different power cable. If problem persists, contact support.
No DMX control.	Incorrect DMX address; faulty DMX cable; DMX controller issue; incorrect DMX mode.	Verify DMX address on fixture and controller. Check DMX cable connections. Ensure DMX mode is active on the fixture.
Light output is inconsistent or flickering.	Unstable power supply; DMX signal interference; internal component issue.	Ensure stable power. Check DMX connections for interference. If problem persists, contact support.
Fixture becomes excessively hot.	Poor ventilation; prolonged operation in high ambient temperature.	Ensure adequate airflow around the fixture. Reduce ambient temperature if possible.

10. SPECIFICATIONS

Technical specifications for the SHEHDS 200W COB Par Light (Model: 200W_IP65).

Feature	Detail
Light Source	1 x 200W COB LED
Color Temperature	Cool White (4500K) / Warm White (3500K)
Wattage	200 Watts
Beam Angle	65-70 Degrees
Dimmer	0-100% Mechanical Dimmer
Strobe Rate	0-10Hz
Control Modes	DMX512, Manual Control
DMX Channels	Refer to product-specific DMX chart
IP Rating	IP65 (Waterproof)
Material	Aluminum Alloy
Dimensions (L x W x H)	3"L x 9"W x 11"H (approx. 7.6cm L x 22.9cm W x 27.9cm H)
Weight	10.78 pounds (approx. 5.05 kg)
Power Source	Corded Electric
Amperage	2 Amps

11. WARRANTY AND SUPPORT

SHEHDS products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided at the point of purchase or visit the official SHEHDS website. Keep your purchase receipt as proof of purchase for warranty claims.