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AMBITFUL EF200

AMBITFUL Aurora Series EF200 200W LED Video Light User Manual

1. INTRODUCTION

The AMBITFUL Aurora EF200 is a 200W COB LED video light designed for professional photography and videography. It features high color rendering, accurate color temperature, and a long lifespan, making it suitable for various applications including studio work, portrait photography, and video production. This manual provides detailed instructions for the safe and effective use of your EF200 LED video light.

2. WHAT'S IN THE BOX

- AMBITFUL EF200 LED Video Light
- Standard Reflector
- Protective Cover
- Power Adapter
- Power Cable
- Wrench Screw



Figure 2.1: The AMBITLEFUL Aurora EF200 LED Video Light with its standard accessories, including the reflector, power adapter, and cables.

3. SETUP

3.1 Mounting the Light

The EF200 features a U-shaped bracket for flexible positioning. This bracket allows the lamp body to be rotated 360 degrees and hoisted up to 340 degrees, providing extensive adjustment for your lighting angle.

360° U-SHAPED BRACKET

The U-shaped bracket is adopted, so that the lamp body can be rotated 360° and can be hoisted at 340°. Easily make the shooting angle of lighting unlimited.



Figure 3.1: The U-shaped bracket allows for versatile positioning of the EF200 light.

3.2 Power Connection

Connect the power adapter to the DC-36V power port on the back of the light. Ensure the connection is secure before powering on the device.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The EF200 features an intuitive control panel with an LCD display for clear adjustments. Key controls include:

- **OFF/ON Button:** Powers the unit on or off.
- **SHIFT Rotary Button:** Used for navigating menus and adjusting parameters.
- **SET Rotary Button:** Used for confirming selections and adjusting parameters.
- **Fan Button:** Controls the fan speed or activates silent mode.
- **Connect Button:** For Bluetooth pairing.

- **Type-C Interface:** For firmware updates.
- **Power Port:** DC-36V input.



Figure 4.1: Detailed view of the EF200 control panel and ports.

4.2 Adjusting Brightness and Color Temperature

The EF200 offers brightness adjustment from 1% to 100%. The color temperature is fixed at 5600K. Use the rotary buttons on the control panel to modify the brightness level as displayed on the LCD screen.

4.3 Special Light Effects

The EF200 includes 22 built-in scene effects. These effects allow for creative lighting scenarios by adjusting brightness and frequency. Refer to the LCD display for selecting and customizing these effects.

22 kinds of light Effects

AMBITFUL EF200 built-in 22 kinds of scene effects, each parameter can be edited. Freely adjust brightness, frequency, etc., to easily match the shooting needs.



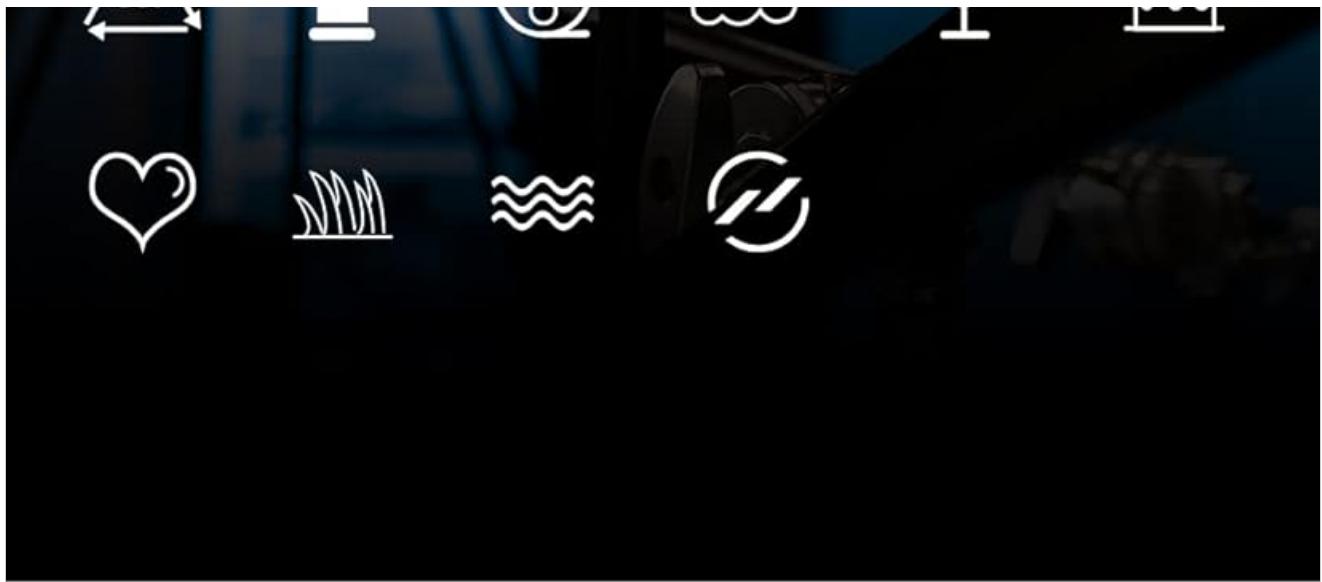


Figure 4.2: The EF200 offers 22 distinct light effects for creative applications.

4.4 APP Remote Control

Download the "AMBITFUL" application on your mobile phone to control the EF200 remotely via Bluetooth. This provides convenient access to light settings and functions.

APP Remote control

AMBITFUL EF200 can install AMBITFUL on the mobile phone to connect with the lamp through Bluetooth, and use the mobile phone to easily control the lights, and there are more exciting lighting games waiting for you to explore.



Figure 4.3: Remote control via the AMBITFUL mobile application.

5. FEATURES

5.1 High Power Output

The EF200 delivers 200W of continuous light. With the standard reflector, the illuminance can reach 79000 lux at 1 meter, providing a bright and stable light source.

200W Continuous Light

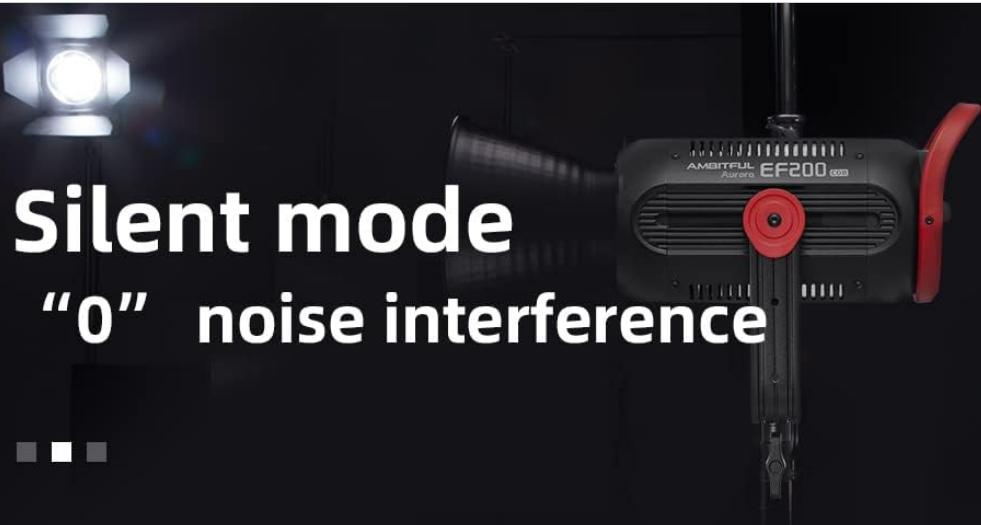
200W high power, the illuminance of the reflector 1m can reach 79000Lux; the LED lamp beads are bright. High intensity and stable light source.



Figure 5.1: The EF200 provides powerful 200W continuous illumination.

5.2 Silent Operation

Equipped with an advanced heat-dissipation system and a silent fan, the EF200 can operate in a silent mode to minimize noise interference during video recording or interviews.



Silent mode “0” noise interference

AMBITFUL EF200 has a built-in silent mode, one-click to turn on the silent mode, “0” noise, no interference, suitable for occasions with zero sensitivity to sound.

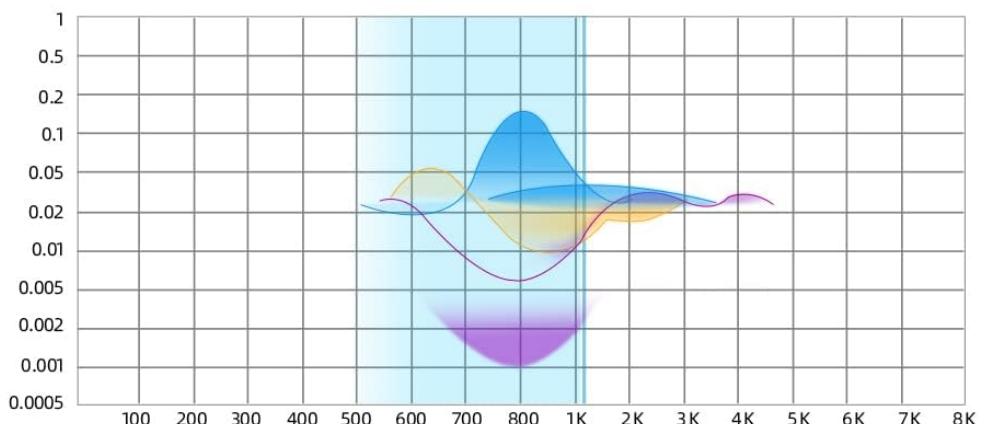


Figure 5.2: Silent mode ensures minimal acoustic interference during use.

5.3 Circular COB Design

The circular COB design, combined with a Fresnel lens, illuminates the center of highlights to the edges with rich layers, providing natural and uniform light. This design allows for adjustment from 10 degrees of condensing light to 45 degrees of flood light.

ROUND COB

The circular COB design and the Fresnel lens light illuminate the center of the highlights to the edges with rich layers, excessive Natural and uniform, to achieve the adjustment of 10° of condensing light and 45° of flood light.



Figure 5.3: The circular COB design ensures even and natural light distribution.

5.4 Bowens Mount Compatibility

The EF200 features a Bowens mount, ensuring compatibility with a wide range of light modifiers and accessories available on the market.

6. SPECIFICATIONS

Feature	Specification
Model	EF 200 COB
Dimming method	Host control / APP / Bluetooth / DMX
Color temperature	5600K

Brightness	1-100% (Adjustable)
Max. Brightness	22000lm
Max. Illuminance	Naked light > 7800lux/1m, Reflector > 79000lux/1m
Remote-controlled distance	20 meters (distance may vary due to obstacles)
Lamp beads	Constant Power output up to 200W
Group	6 Group (A,B,C,D,E,F)
Channel	1-19
Color rendering index (CRI)	≥ 95 (RA)
TLCI	≥ 97
Power Adapter Output	DC 36V/6.38A Three-pin Cannon port
Power Adapter Input	AC 100-240V, 5-2.5A, 50-60Hz
Size	437x193x183mm
Weight	≈2666(g)

6. Product Parameters

Model	EF 200 COB
Dimming method	Host control /APP/Bluetooth/DMX
Color temperature	5600k
Brightness	1-100%(Adjustable)
Max.Brightness	22000lm
Max.Illuminance	Naked light>7800lux/1m, Reflector > 79000lux/1m
Remote-controlled distance	20 meters (the distance will increase or decrease because of obstacles in the operating environment)
Lamp beads	Constant Power output up to 200W
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Color rendering index	≥ 95 (RA)
Power Adapter	Output:DC 36V/6.38A Three-pin Cannon port Input:AC 100-240V, 5-2.5A,50-60Hz
Size	437x193x183mm
Weight	≈2666(g)

Figure 6.1: Product parameters for the AMBITFUL EF200.

7. MAINTENANCE

To ensure the longevity and optimal performance of your AMBITFUL Aurora EF200, follow these maintenance guidelines:

- Cleaning:** Regularly clean the exterior of the light with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. Ensure the COB LED surface and reflector are free from dust and fingerprints.
- Storage:** When not in use, store the light in a dry, dust-free environment. Use the provided protective cover for the COB LED and store the unit in its original packaging or a suitable carrying case to prevent damage.
- Ventilation:** Ensure the ventilation slots are clear of obstructions to allow for proper heat dissipation.

8. TROUBLESHOOTING

If you encounter issues with your AMBITFUL Aurora EF200, refer to the following common troubleshooting steps:

- **Light Not Turning On:** Check if the power cable is securely connected to both the light and the power outlet. Verify that the power adapter is functioning correctly.
- **No Light Output:** Ensure the brightness level is not set to 0%. Check for any error messages on the LCD display.
- **Remote Control/APP Connectivity Issues:** Ensure Bluetooth is enabled on your mobile device and the light. Try re-pairing the device with the light. Make sure the APP is updated to the latest version.
- **Overheating:** Ensure the fan is operating correctly and the ventilation slots are not blocked. If the light feels excessively hot, reduce the power output or turn it off to cool down.

For persistent issues not resolved by these steps, please contact AMBITFUL customer support.

9. PRODUCT VIDEOS

9.1 AMBITFUL EF200 Experience

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This video provides a comprehensive overview and demonstration of the AMBITFUL Aurora EF200 LED Video Light, showcasing its features and performance in a studio setting.

9.2 AMBITFUL EF200+A1 Shooting

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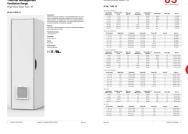
A short demonstration video showcasing the AMBITFUL EF200 LED light in action during a portrait photography session, highlighting its lighting capabilities.

10. WARRANTY AND SUPPORT

AMBITFUL products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official AMBITFUL website. For technical support, troubleshooting assistance, or service inquiries, please contact AMBITFUL customer service through their official channels.

Related Documents - EF200

	<p>AMBITFUL A2 LED Fill Light: Features, Specifications, and Usage Guide</p> <p>Comprehensive overview of the AMBITFUL A2 LED fill light, detailing its features, component descriptions, operational modes, app control, product parameters, and FCC compliance information.</p>
	<p>Autumn Glow Facial Protocol - Universal Companies</p> <p>A detailed protocol for the Autumn Glow Facial treatment by Universal Companies, designed to restore radiance and hydration to dull, dry, or tired skin. Includes step-by-step instructions, ingredient recipes for associated rituals, and optional add-ons.</p>

	<p>Hampton Bay Universal Remote Control & San Marino Ceiling Fan: Installation and Use Guide</p> <p>Comprehensive guide for installing, operating, and maintaining Hampton Bay products, including a Universal Remote Control and the San Marino 36-inch Ceiling Fan. Features safety information, assembly steps, troubleshooting, and warranty details.</p>
	<p>3M Workspace Solutions: Full Line Product Catalog V.3 - Ergonomic Products for Comfort & Productivity</p> <p>Explore the 3M Workspace Solutions V.3 catalog, featuring a comprehensive range of ergonomic products designed to enhance comfort, productivity, and well-being in the workplace. Discover adjustable keyboard trays, monitor stands, ergonomic mice, computer filters, and more.</p>
	<p>nVent HOFFMAN EF High Flow Filter Fan: Specifications, Dimensions, and Performance Data</p> <p>Detailed technical specifications, dimensional drawings, and performance curves for the nVent HOFFMAN EF High Flow Filter Fan and EFA Exhaust Filter. Covers IP54, Type 12 rated ventilation solutions with various voltage options (230V AC, 115V AC, 24V DC) and accessories like EFM filter mats.</p>