

Rollei LUX 100 Bi-Color (Model 20182)

Rollei LUX 100 Bi-Color Professional LED Light User Manual

Model: LUX 100 Bi-Color (20182)

1. INTRODUCTION

The Rollei LUX 100 Bi-Color LED light is a professional continuous light source designed for photographers, videographers, and content creators. It offers exceptional flexibility, mobility, and ease of use, allowing for precise lighting results in various environments. This manual provides essential information for the safe and effective operation of your device.

Key features include:

- Powerful 100W output.
- Continuous brightness adjustment from 0% to 100%.
- Adjustable color temperature from 2700K (warm) to 6500K (cool).
- Ultra-flat and lightweight design for maximum portability.
- Dual power options: battery (with optional grip/V-mount) or mains power.
- Smart control via a dedicated mobile application or an optional remote control.
- 10 pre-programmed lighting effects for creative versatility.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before using the device to prevent injury or damage.

- Do not expose the device to water or high humidity. This product is not waterproof.
- Avoid direct eye exposure to the LED light. The intense light can cause eye damage.
- Ensure proper ventilation during operation to prevent overheating. The integrated fan helps with cooling.
- Use only the original power adapter or compatible power sources specified by Rollei.
- Keep the device out of reach of children.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.

- Disconnect the power supply before cleaning or when not in use for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Rollei LUX 100 Bi-Color COB Continuous Light
- 1x Power Supply with Cable
- 1x Reflector
- 1x Diffuser Ball
- 1x Protective Cap
- 1x User Manual

Package List



Image 3.1: Contents of the Rollei LUX 100 Bi-Color package, showing the light, power adapter, reflector, and diffuser.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Rollei LUX 100 Bi-Color LED light.



Image 4.1: Front view of the Rollei LUX 100 Bi-Color LED light with reflector attached.



Image 4.2: Close-up view of the Rollei LUX 100 Bi-Color light, highlighting the COB LED and reflector. The device features control dials for brightness and color temperature, a display screen for settings, a cooling fan, and mounting points for accessories and stands.

5. SETUP

5.1 Power Connection

The LUX 100 Bi-Color can be powered in two ways:

- **Mains Power:** Connect the provided power adapter to the DC input port on the light and then to a wall outlet.
- **Battery Power:** For mobile use, connect an optional LUX 99Wh Power Grip or a V-Mount battery (e.g., V-Mount 99Wh Pro Black) to the light. Ensure the battery is fully charged before use.

5.2 Mounting the Light

The light can be mounted on various stands or supports:

- Attach the light to a compatible light stand using its mounting point.
- For handheld operation, an optional battery grip can be attached.



Image 5.1: The Rollei LUX 100 Bi-Color light attached to an optional battery grip for handheld use.

5.3 Attaching Accessories

To modify the light output, attach the reflector or diffuser ball:

- Align the accessory with the light's front mounting mechanism and twist to secure it.
- Ensure accessories are firmly attached before operation.



Image 5.2: Hands demonstrating the attachment of a reflector to the Rollei LUX 100 Bi-Color light.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Press and hold the power button located on the side of the unit to turn the light on or off.

6.2 Adjusting Brightness

Rotate the brightness control dial to adjust the light intensity from 0% to 100%. The current brightness level will be displayed on the screen.

6.3 Adjusting Color Temperature

Rotate the color temperature control dial to change the color temperature from 2700K (warm white) to 6500K (cool white). The selected color temperature will be shown on the display.

100W Light for Creative Flexibility

100W

Up to **46,800** lux for every scene

2700K **6500K**

CRI 97 & TLCI 98

Image 6.1: Illustration of the Rollei LUX 100 Bi-Color's adjustable brightness and color temperature range from 2700K to 6500K.

6.4 Smart Control via App

The Rollei LUX 100 Bi-Color can be controlled wirelessly via the Rollei Candela|LUX LED mobile application (available for iOS and Android).

1. Download and install the Rollei Candela|LUX LED app on your smartphone.
2. Ensure Bluetooth is enabled on your smartphone.
3. Power on the LUX 100 Bi-Color light.
4. Open the app and follow the on-screen instructions to pair your device. NFC pairing may also be available.
5. Once connected, you can adjust brightness, color temperature, and access 10 pre-programmed lighting effects directly from the app.



Image 6.2: A user controlling the Rollei LUX 100 Bi-Color light settings via the mobile application on a smartphone.

Smart Control with APP



Image 6.3: Detailed view of the Rollei LUX 100 Bi-Color app interface, showing controls for CCT, HSI, and effects.

6.5 Lighting Effects

The LUX 100 Bi-Color includes 10 pre-programmed lighting effects to enhance your creative projects. These effects can be selected and adjusted via the mobile app or an optional remote control.



Image 6.4: The Rollei LUX 100 Bi-Color light displaying various effect icons, indicating its versatile lighting capabilities.

7. MAINTENANCE

7.1 Cleaning

To clean the device, use a soft, dry cloth. Do not use liquid cleaners or solvents, as they may damage the surface or internal components. Ensure the device is powered off and unplugged before cleaning.

7.2 Storage

Store the LUX 100 Bi-Color in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, remove any attached batteries.

8. TROUBLESHOOTING

If you encounter issues with your Rollei LUX 100 Bi-Color, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply, low battery, faulty cable.	Check power adapter connection. Ensure battery is charged or replace it. Try a different power outlet.
Fan is loud during operation.	Normal operation at high power, dust accumulation.	The fan operates to cool the unit, especially at higher power settings. Ensure vents are clear. If excessively loud, contact support.
Insufficient brightness.	Brightness set too low, power source limitation.	Increase brightness setting. If using battery, ensure it can supply sufficient power (e.g., 60W for 100% output).
App control not working.	Bluetooth off, app not paired, device too far.	Ensure Bluetooth is active on your phone. Re-pair the device in the app. Move closer to the light.

Ultra-Quiet Cooling

Noiseless for audio and video recordings



Image 8.1: Diagram illustrating the ultra-quiet cooling system of the Rollei LUX 100 Bi-Color, designed to minimize noise during recordings.

9. SPECIFICATIONS

Detailed technical specifications for the Rollei LUX 100 Bi-Color LED light:

- **Model Number:** 20182
- **Dimensions (L x W x H):** 15.7 x 4.3 x 9.3 cm
- **Weight:** 345g (light only), 1.14 kg (product with accessories)

- **Power Output:** 100W
- **Color Temperature Range:** 2700K - 6500K (Bi-Color)
- **Brightness Adjustment:** 0% - 100% (continuous)
- **Connectivity:** Bluetooth
- **Compatible Devices:** Mobile phones (via Rollei Candela|LUX LED app) and other Bluetooth-compatible devices
- **Power Supply:** Dual (Battery / Mains)
- **Manufacturer:** Rollei
- **Country of Origin:** China

Compact & Lightweight

Perfect for mobile use and transport



Image 9.1: Visual representation of the compact and lightweight design of the Rollei LUX 100 Bi-Color, showing its dimensions and weight.

10. WARRANTY AND SUPPORT

Rollei provides comprehensive support for its products.

- **Spare Parts Availability:** 2 years within the EU.
- **Exchange Guarantee:** Full 24-month exchange guarantee.
- **Customer Support:** Our experts are available to assist you.

Contact Information:

Phone: +49 40 270 750 277

Availability: Monday - Friday, 10:00 AM to 4:00 PM (CET)

For further assistance, please visit the official Rollei website or contact customer service.