

Birnetek XDD03

Birnetek Smart LED Ceiling Light (Model XDD03) User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. INTRODUCTION

Thank you for choosing the Birnetek Smart LED Ceiling Light, Model XDD03. This intelligent lighting solution offers a wide range of features including 16 million RGB colors, tunable white light from 2700K to 6500K, and dimmable brightness. It can be controlled via a remote, a mobile application, and voice commands through smart assistants like Amazon Alexa and Google Assistant. This manual provides essential information for safe installation, effective operation, and proper maintenance of your new ceiling light.

2. IMPORTANT SAFETY INFORMATION

- **Electrical Safety:** Installation should be performed by a qualified electrician or a person with electrical knowledge to prevent electric shock or fire hazards. Always turn off the main power supply before installation, maintenance, or cleaning.
- **Voltage:** Ensure the power supply voltage matches the product's specified voltage (230 Volts).
- **Mounting:** Mount the light securely to a stable ceiling surface.
- **Environment:** Do not install in excessively humid or high-temperature environments. This product is designed for indoor use only.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Disassembly:** Do not attempt to disassemble or modify the product. This will void the warranty and may cause damage or injury.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Birnetek Smart LED Ceiling Light (Model XDD03)
- Remote Control

- Mounting Hardware (screws, wall anchors)
- User Manual (this document)

4. SPECIFICATIONS

Brand	Birnetek
Model Number	XDD03
Dimensions (L x W x H)	31 x 31 x 5 cm
Weight	850 g
Power Consumption	22 Watts
Luminous Flux	2200 lm
Voltage	230 Volts
Color Temperature	2700K - 6500K (Tunable White)
Color Options	16 Million RGB Colors
Special Features	Dimmable, Smart Control (Wi-Fi, Bluetooth), Voice Control (Alexa, Google Assistant), Remote Control
Material	Polypropylene (PP)
Energy Efficiency Class	F
EPREL Database Link	https://eprel.ec.europa.eu/qr/1111885

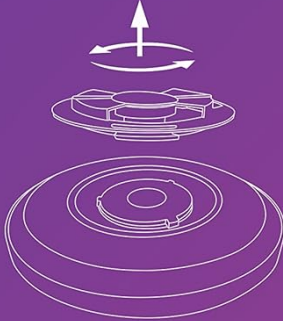
5. INSTALLATION INSTRUCTIONS

Follow these steps to install your Birnetek Smart LED Ceiling Light:

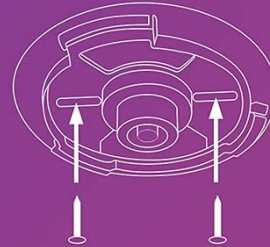
1. **Step 1: Prepare the Base.** Rotate the buckle base out from the main light fixture.
2. **Step 2: Mount the Base.** Position the buckle base on the ceiling. Mark and drill holes for mounting. Connect the live and neutral wires to the appropriate terminals on the base. Secure the base to the ceiling using the provided screws.
3. **Step 3: Attach the Light Fixture.** Align the main light fixture with the mounted buckle base. Embed the lamp into the base and rotate it clockwise until it is securely fixed.
4. **Step 4: Power On.** Turn on the main power supply to the light. The light will be ready for connection.

Installation instructions

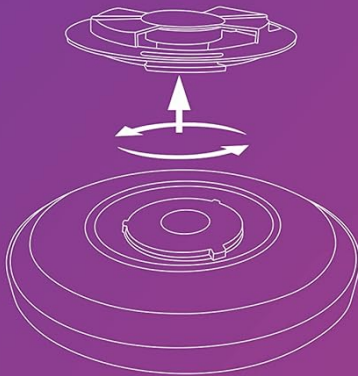
Step 1: Rotate the buckle base out



Step 2: Make the buckle base positioned and drilled in the ceiling, and then link the fire line and null line, fixed with screws at last



Step 3: Embed the lamp into the base, rotate and fix it



Step 4: turn on the power and start to connect

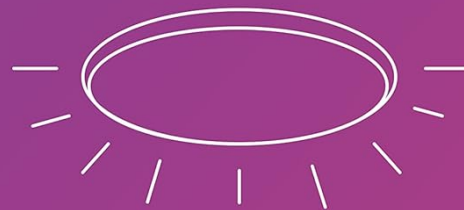


Image 1: Installation steps for the Birnetek Smart LED Ceiling Light. This diagram illustrates how to detach the mounting base, secure it to the ceiling, connect wiring, and then attach the light fixture.

6. OPERATING INSTRUCTIONS

6.1 Initial Connection and Pairing

To connect your Birnetek Smart LED Ceiling Light to the mobile application:

1. **Reset the Device:** Turn the light on, then off, and wait 5 seconds. Repeat this cycle (on-off-5s) three times. The ceiling light will flash, indicating it is in pairing mode.
2. **Connect via App:** Open the designated smart home application on your mobile device. Click the "+" icon in the upper right corner to add a new device. Select your Birnetek ceiling light from the list of available devices to connect.

How to reset the factory setting?

1. Turn on the device then off, keep 5 seconds, repeat this process 3 times, until the ceiling light flash.



2. Click "+" in the upper right corner, click the "Devicexxx" to connect. You can reconnect it

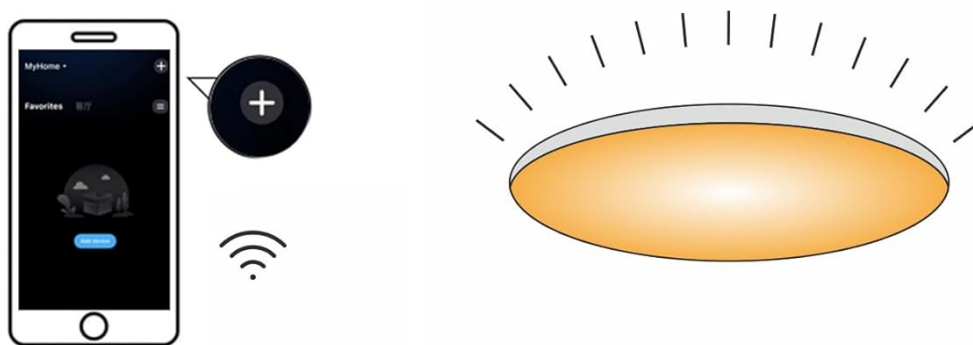


Image 2: Instructions for resetting the Birnetek Smart LED Ceiling Light to factory settings and connecting it to the mobile application. The diagram shows the power cycle sequence and the app interface for adding a device.

6.2 Control Methods

Your Birnetek Smart LED Ceiling Light offers multiple control options:

- **Remote Control:** Use the included remote control to power the light on/off, adjust brightness, change color temperature (warm white to cool white), and select RGB colors.
- **Mobile Application:** The dedicated smart home app provides comprehensive control. You can select from 16 million RGB colors, adjust color temperature (2700K-6500K), dim brightness, set timers, create custom scenes, and group multiple lights for synchronized control.
- **Voice Control:** The light is compatible with Amazon Alexa and Google Assistant. Once connected to your smart home ecosystem, you can use voice commands to control the light, such as "Alexa, dim the light to warm" or "Hey Google, change the light to purple."



Image 3: The Birnetek Smart LED Ceiling Light shown with its remote control and a smartphone displaying the control app interface. This image highlights the various ways to interact with the light.

16 Million Colors & Tunable White



Image 4: This image illustrates the light's capability to produce both tunable white light, ranging from 2700K to 6500K, and a spectrum of 16 million RGB colors, offering diverse lighting options.

Compatible With
Google Assistant

Compatible With
amazon alexa

Alexa, Dim the light to warm



Voice control

Compatible with Alexa, Google Home,
IFTTT and Siri

Image 5: A family interacting with the Birmetek Smart LED Ceiling Light using voice commands through smart speakers, demonstrating its compatibility with Amazon Alexa and Google Assistant for convenient control.



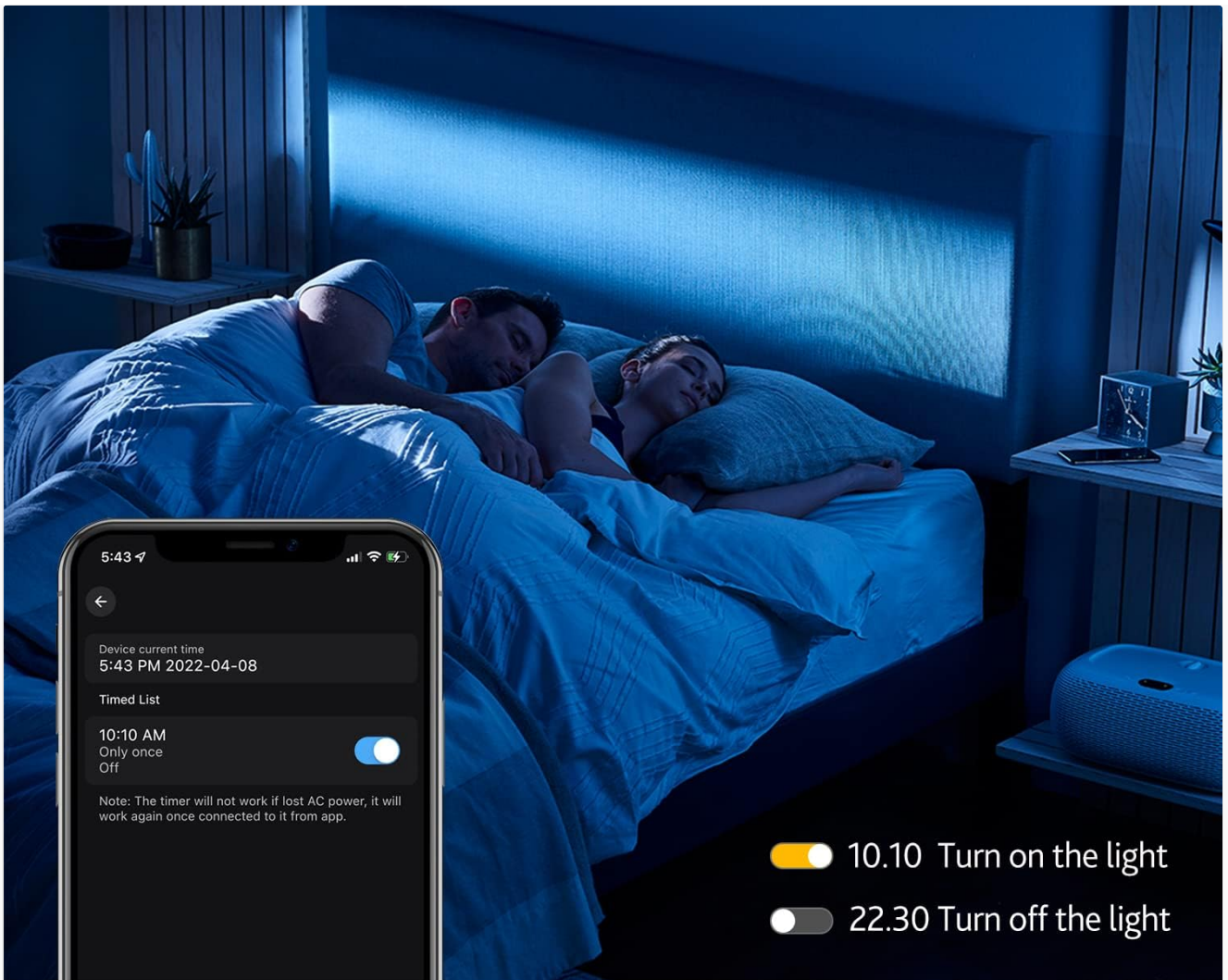
ordinary Color Adjusted



Image 6: This visual demonstrates the dimming capability of the Birnetek Smart LED Ceiling Light, showing the light output at 100%, 50%, and 10% brightness levels.

6.3 Timer Mode

The mobile application allows you to set schedules for your light to automatically turn on or off at specific times. This feature is useful for daily routines or energy saving.



Timer Mode

automatically turn on/off according to your preset time

Image 7: A smartphone screen displaying the timer mode settings within the Birnetek app, illustrating how users can schedule the light to turn on and off at preset times.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Birnetek Smart LED Ceiling Light, follow these maintenance guidelines:

- **Cleaning:** Before cleaning, ensure the power supply to the light is turned off. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Avoid using harsh chemicals, abrasive cleaners, or sprays directly on the fixture, as these can damage the finish or electronic components.
- **Inspection:** Periodically check the light fixture for any signs of damage, loose connections, or wear. If any issues are found, consult a qualified electrician.
- **No User-Serviceable Parts:** The LED components are integrated and not designed for user replacement. Do not attempt to open the fixture.

8. TROUBLESHOOTING

If you encounter issues with your Birnetek Smart LED Ceiling Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty switch.	Check the main power switch and circuit breaker. Ensure wiring connections are secure. Test the wall switch.
Cannot connect to the mobile app or voice assistant.	Light not in pairing mode; Incorrect Wi-Fi password; Router issues; Bluetooth interference.	Perform the device reset procedure (Section 6.1). Ensure your phone is connected to a 2.4GHz Wi-Fi network. Check Wi-Fi password. Restart your router. Ensure Bluetooth is enabled on your phone.
Light flickers or changes color unexpectedly.	Unstable power supply; Software glitch; Interference.	Check power supply stability. Perform a device reset (Section 6.1). Ensure the light is not too close to other electronic devices causing interference.
Remote control not working.	Dead battery; Obstruction; Remote not paired.	Replace the remote control battery. Ensure there is no obstruction between the remote and the light. Re-pair the remote if necessary (refer to app instructions for remote pairing).

9. WARRANTY AND SUPPORT

Birnetek products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or contact the retailer from whom you purchased the product. Warranty terms typically cover manufacturing defects under normal use.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact your retailer or the Birnetek customer service. Contact information can usually be found on the product packaging or the retailer's website.