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› LeuchtenDirekt LED Ceiling Light Instruction Manual

## LeuchtenDirekt Ø40cm

# LeuchtenDirekt LED Ceiling Light Instruction Manual

Model: Ø40cm Dimmable with Remote Control, RGB Color Change, Adjustable Color Temperature

## 1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your LeuchtenDirekt LED Ceiling Light. Please read this manual carefully before installation and retain it for future reference.



**Figure 1:** Front view of the LeuchtenDirekt LED Ceiling Light. This image shows the circular light fixture with a white frame and a starry sky effect on the diffuser.

### Key Features:

- Dimmable with remote control
- RGB color changing function

- Adjustable color temperature (warm white to cool white)
- Night light function
- Starry sky effect
- Energy-efficient LED technology

## 2. SAFETY INSTRUCTIONS

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Always follow basic safety precautions when installing and operating electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician if you are unsure.
- Do not expose the light fixture to excessive moisture or direct water.
- Do not attempt to disassemble or modify the light fixture beyond what is described in this manual.
- Keep packaging materials out of reach of children.

## 3. SETUP AND INSTALLATION

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Before beginning installation, ensure you have all necessary tools and components. The light is designed for ceiling mounting.

### 3.1 Components Checklist

- LED Ceiling Light fixture
- Remote Control
- Mounting hardware (screws, wall plugs)
- Instruction Manual (this document)

### 3.2 Installation Steps

1. **Prepare the Installation Area:** Turn off the main power supply at the circuit breaker before starting any electrical work. Ensure the area is dry and free from obstructions.
2. **Mark Drilling Points:** Hold the mounting bracket of the light fixture against the ceiling at the desired installation location. Use a pencil to mark the drilling points.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your ceiling material. Insert the wall plugs into the drilled holes.
4. **Secure Mounting Bracket:** Attach the mounting bracket to the ceiling using the provided screws. Ensure it is securely fastened.
5. **Electrical Connection:** Connect the electrical wires from the ceiling to the terminals on the light fixture. Ensure correct polarity (Live, Neutral, Earth). If unsure, consult a qualified electrician.
6. **Attach Light Fixture:** Carefully attach the light fixture to the mounting bracket, ensuring it clicks or screws into place securely.
7. **Restore Power:** Once the light is securely installed and wired, restore power at the circuit breaker.



**Figure 2:** Side view of the LeuchtenDirekt LED Ceiling Light, showing its slim profile and the starry effect on the diffuser. This view highlights the depth of the fixture.

## 4. OPERATING INSTRUCTIONS

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Your LeuchtenDirekt LED Ceiling Light comes with a remote control for easy operation of its various functions.

### 4.1 Remote Control Functions

Familiarize yourself with the buttons on the remote control:

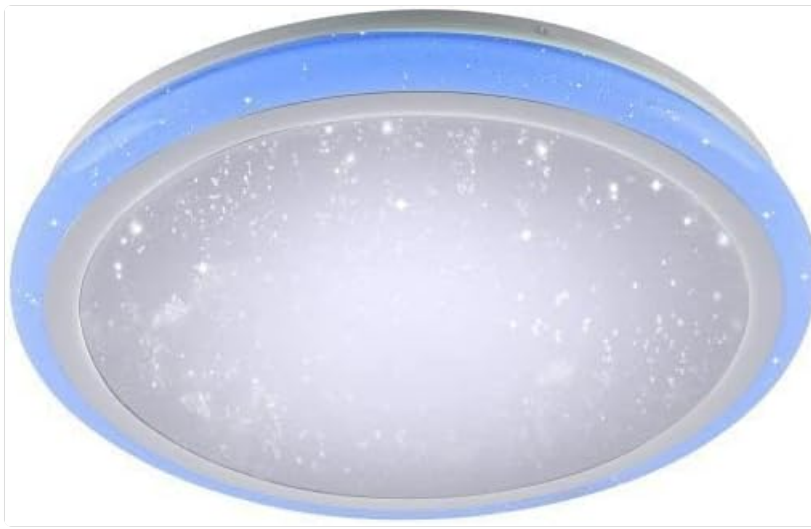
- **Power On/Off:** Turns the light on or off.
- **Brightness +/-:** Adjusts the light intensity (dimming).
- **Color Temperature (CCT) +/-:** Changes the color temperature from warm white (3000K) to cool white.
- **RGB Color Cycle:** Cycles through various RGB colors.
- **Specific Color Buttons:** Selects a specific color (e.g., red, green, blue).



**Figure 3:** The ceiling light illuminated with a red ambient glow, demonstrating the RGB color changing capability.



**Figure 4:** The ceiling light illuminated with a blue ambient glow, showcasing another RGB color option.



**Figure 5:** The ceiling light illuminated with a green ambient glow, demonstrating the versatility of the RGB feature.

- **Night Light Mode:** Activates a low-intensity, warm light setting suitable for night use.

## 4.2 Pairing the Remote Control (if necessary)

If the remote control does not respond, it may need to be paired with the light fixture:

1. Ensure the light fixture is powered off at the wall switch.
2. Turn the light fixture on.
3. Within 5 seconds of turning on the light, press and hold the "Pair" button (or a designated pairing button, refer to remote diagram if available) on the remote control until the light flashes, indicating successful pairing.

## 5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your LED ceiling light, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe the surface of the light fixture. For stubborn dirt, a slightly damp cloth with mild detergent can be used, but ensure no liquid enters the electrical components. Do not use abrasive cleaners or solvents.
- **LED Lifespan:** The integrated LED light source has a long lifespan (over 20,000 hours) and is not user-replaceable.
- **Regular Checks:** Periodically check the mounting screws to ensure they remain tight and secure.

## 6. TROUBLESHOOTING

If you encounter issues with your 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; remote control battery low or not paired.                | Check circuit breaker; ensure wires are securely connected; replace remote control batteries; re-pair remote control (see Section 4.2). |
| Light flickers or dims unexpectedly. | Unstable power supply; incompatible dimmer switch (if not using remote); faulty wiring. | Check power supply stability; ensure only the provided remote is used for dimming; consult an electrician for wiring inspection.        |

| Problem                               | Possible Cause                                           | Solution                                                                                                   |
|---------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Remote control not responding.        | Low or dead batteries; remote not paired with the light. | Replace batteries; re-pair remote control (see Section 4.2).                                               |
| Colors are incorrect or not changing. | Remote control issue; internal LED module issue.         | Ensure remote control batteries are fresh and it is paired. If problem persists, contact customer support. |

## 7. SPECIFICATIONS

Detailed technical specifications for the LeuchtenDirekt LED Ceiling Light:

- **Brand:** LeuchtenDirekt
- **Model:** Ø40cm
- **Product Dimensions:** 40 x 40 x 7.5 cm (Diameter x Diameter x Height)
- **Item Weight:** 1.31 Kilograms
- **Material:** Alloy Steel
- **Color:** White (Shade color: Cool White)
- **Style:** Modern
- **Number of Light Sources:** 2 (integrated LED modules)
- **Special Features:** Color Change, Energy Efficient, Dimmable
- **Power Source:** Corded Electric
- **Switch Installation Type:** Ceiling Mount
- **Lamp Type:** LED
- **Energy Efficiency Class:** G



Figure 6: Energy Efficiency Class G label for the product.

- **Power Consumption:** 32 Watts
- **Light Source Features:** Permanently installed light source
- **Color Temperature:** 3000 Kelvin (adjustable)
- **Light Direction:** Downlight
- **Batteries Included:** No
- **Batteries Required:** No
- **Manufacturer:** SellTec
- **Country of Origin:** China

## 8. IMPORTANT INFORMATION & DISPOSAL

This product contains a light source of energy efficiency class G. For environmental protection, please dispose of the product responsibly at the end of its life cycle.

## 8.1 Recycling of Lamps

For information on recycling this and other types of lamps, please refer to local regulations and collection points. Many electrical and electronic devices, including lamps, should not be disposed of with household waste.

## 8.2 Disposal of Broken or Damaged Lamps

Learn more about the disposal of broken or damaged lamps. Handle with care to avoid injury and ensure proper disposal according to local environmental guidelines.

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please contact your retailer or the manufacturer, LeuchtenDirekt. Keep your proof of purchase for any warranty claims.

**Manufacturer:** SellTec

**Brand:** LeuchtenDirekt

For further assistance, please visit the [LeuchtenDirekt Store on Amazon](#).