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› LeuchtenDirekt FB 14673-55 LED Ceiling Light Instruction Manual

LeuchtenDirekt 14673-55

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Model: FB 14673-55

1. INTRODUCTION

Thank you for choosing the LeuchtenDirekt FB 14673-55 LED Ceiling Light. This round LED ceiling light features a unique starry sky effect and offers adjustable light color from warm white (2700K) to daylight white (5000K). It is dimmable and includes a memory function, all controllable via the supplied infrared remote control or a standard wall switch. This manual provides essential information for safe installation, operation, and maintenance of your new ceiling light.



Image 1.1: LeuchtenDirekt FB 14673-55 LED Ceiling Light in a living room setting.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Always disconnect the main power supply before installation, maintenance, or cleaning. Installation should be performed by a qualified electrician to ensure safety and compliance with local regulations.
- **Indoor Use Only:** This product is designed for indoor use (IP20 protection class). Do not expose it to water or high humidity.
- **Voltage:** Ensure the supply voltage matches the product's requirements (230 Volts).
- **Handling:** Handle the light fixture with care to avoid damage. Do not modify the product in any way.
- **Light Source:** The LED light source is integrated and not replaceable by the user. Do not attempt to open the LED module.
- **Disposal:** Dispose of the product and its components (including the remote control battery) according to local environmental regulations.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged. If any parts are missing or damaged, contact your retailer.

- 1x LeuchtenDirekt FB 14673-55 LED Ceiling Light Unit
- 1x Infrared Remote Control

- Mounting Hardware (screws, wall plugs)
- Instruction Manual (this document)

4. INSTALLATION

Before beginning installation, ensure the power supply is switched off at the main circuit breaker.

1. **Prepare Mounting Location:** Choose a suitable location on the ceiling. The light fixture has a diameter of 48 cm and a height of 4 cm. Ensure the mounting surface is solid and can support the weight of the fixture (3 kg).
2. **Mark Drilling Points:** Hold the mounting bracket (usually part of the fixture's base) against the ceiling at the desired position and mark the drilling points.
3. **Drill Holes:** Drill holes at the marked points and insert appropriate wall plugs.
4. **Secure Mounting Bracket:** Attach the mounting bracket to the ceiling using the provided screws.
5. **Electrical Connection:** Connect the household electrical wires to the terminals on the light fixture. Ensure correct polarity (Live, Neutral, Earth). This fixture requires a 230V AC supply.
6. **Attach Light Fixture:** Carefully attach the light fixture to the mounting bracket, ensuring all wires are securely tucked away and not pinched.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.



Image 4.1: Product dimensions for installation planning.

5. OPERATING INSTRUCTIONS

The LeuchtenDirekt FB 14673-55 LED Ceiling Light can be operated using the supplied infrared remote control or a standard wall switch.

5.1 Remote Control Functions

Insert 2x AAA batteries (not included) into the remote control. Point the remote control towards the ceiling light for optimal functionality.

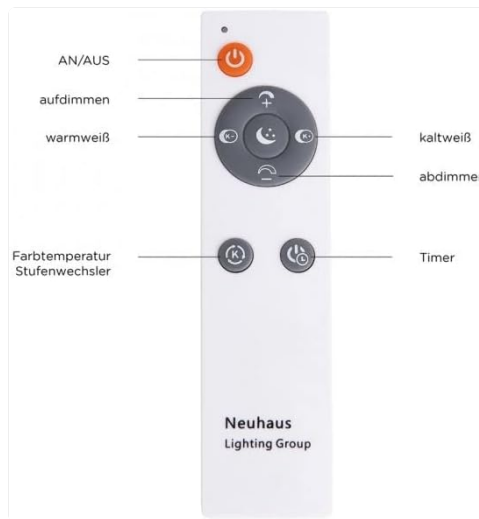


Image 5.1: Remote control layout and functions.

- **AN/AUS (On/Off):** Press the orange power button to turn the light on or off.
- **Aufdimmen / Abdimmen (Dim Up / Dim Down):** Use the '+' and '-' buttons within the circular control to adjust the brightness level.
- **Warmweiß / Kaltweiß (Warm White / Cool White):** Use the 'K+' and 'K-' buttons to cycle through color temperatures from warm white (2700K) to daylight white (5000K). The 'Farbtemperatur Stufenwechsler' button (K) might offer stepped changes.
- **Timer:** Press the 'Timer' button (clock icon) to activate a timed shutdown function.
- **Memory Function:** The light retains the last selected brightness and color temperature settings when turned off and on again via the remote control.

5.2 Wall Switch Control

The light also supports basic control via a standard wall switch. Rapidly toggling the wall switch (off-on) can cycle through different preset light color temperatures. The memory function may not apply when using a wall switch for power cycling.



Image 5.2: Light set to Warm White (approx. 2700K).



Image 5.3: Light set to Neutral White (approx. 4000K).



Image 5.4: Light set to Cool White (approx. 5000K).

6. MAINTENANCE

- **Cleaning:** Ensure the power is disconnected before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Light Source:** The LED light source is integrated and has a long lifespan. It is not designed to be replaced by the user. If the light source fails, the entire fixture may need to be replaced.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Remote control battery depleted.	Check the main circuit breaker. Verify all electrical connections are secure (consult an electrician if unsure). Replace remote control batteries.
Remote control not working.	Remote control battery depleted. Obstruction between remote and light. Remote control out of range.	Replace remote control batteries. Ensure a clear line of sight to the light fixture. Move closer to the light fixture.
Light flickers or dims unexpectedly.	Unstable power supply. Loose wiring connection. Incompatibility with external dimmer (if applicable).	Check household electrical supply. Verify all electrical connections are secure (consult an electrician). This light is dimmable via its own remote; avoid connecting to external dimmers unless specified.
Color temperature or brightness cannot be adjusted.	Remote control issue (see above). Memory function conflict.	Ensure remote control is functioning correctly. Try resetting the light by turning off power for a few minutes and then back on.

8. SPECIFICATIONS

Model Number	FB 14673-55
Brand	LeuchtenDirekt
Manufacturer	Paul Neuhaus
Material	Metal, Steel
Color	Silver
Dimensions (Diameter x Height)	Ø 480 mm x 40 mm (48 x 48 x 4 cm)
Weight	3 Kilograms
Power	19 Watts
Luminous Flux	1750 Lumens
Color Temperature	2700K (Warm White) - 5000K (Daylight White)
Voltage	230 Volts
Control Method	Infrared Remote Control, Wall Switch
Features	Dimmable, Adjustable Color Temperature, Memory Function, Energy Efficient
Protection Class	IP20 (Not waterproof)

Energy Efficiency Class	F
Intended Use	Indoor, Living Room

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. You may also visit the official LeuchtenDirekt website for further assistance.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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