

LeuchtenDirekt 15220-16

Paul Neuhaus 15220-16 LED Ceiling Lamp

Model: 15220-16 | Brand: LeuchtenDirekt

1. IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before installation and use. Keep this manual for future reference.

- **Electrical Safety:** Installation must be performed by a qualified electrician or a person with appropriate electrical knowledge. Ensure the main power supply is disconnected before installation or maintenance.
- **Product Integrity:** Do not modify or disassemble the lamp. Doing so may void the warranty and pose safety risks.
- **Placement:** This lamp is designed for indoor use only (IP20 rating). Do not expose it to moisture or extreme temperatures.
- **Cleaning:** Always disconnect power before cleaning. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Children:** Keep the product and its components out of reach of children.

2. PRODUCT OVERVIEW

The Paul Neuhaus 15220-16 LED Ceiling Lamp is a modern lighting solution featuring a captivating starry sky design. It offers versatile illumination with adjustable color temperature, dimming capabilities, and an RGB color-changing function, all controllable via an included infrared remote.



Figure 2.1: The Paul Neuhaus 15220-16 LED Ceiling Lamp, showcasing its sleek white circular design and integrated starry sky effect.



RGB-FARBWECHSEL
16 Mio. Farbnuancen wählbar



FARBTEMPERATURSTEUERUNG
kaltweiß - warmweiß



STUFENLOSE DIMMBARKEIT
Helligkeit einstellbar



Figure 2.2: Diagram illustrating the lamp's key features: RGB color change (16 million nuances), adjustable color temperature (cold white to warm white), and stepless dimmability.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Luisa LED Ceiling Lamp
- 1 x Infrared Remote Control
- 2 x AAA 1.5V Alkaline Batteries (for remote control)
- 1 x Instruction Manual with Mounting Sheet

4. SPECIFICATIONS

Feature	Specification
Model Number	15220-16
Brand	LeuchtenDirekt
Manufacturer	Paul Neuhaus
Dimensions (Diameter x Height)	40 x 8 cm
Weight	1.3 kg
Material	Alloy Steel, Glass, Plastic
Color	White (Multicolor light output)
Light Source	Integrated LED Board
Max Electrical Power	32 Watts
Luminous Flux	2150 lumens (main light)
Color Temperature	3000K – 6400K (Adjustable)
Voltage	230 Volts
IP Rating	IP20 (Indoor use only)
Energy Efficiency Class	A
CRI (Color Rendering Index)	80



Figure 4.1: Lamp dimensions (40 cm diameter, 7.5 cm height) and examples of the RGB outer ring colors.

5. INSTALLATION

Follow these general steps for installing your ceiling lamp. Refer to the included mounting sheet for detailed diagrams.

1. **Preparation:** Ensure the main power supply to the installation area is turned off at the circuit breaker. Use a voltage tester to confirm no power is present.
2. **Mounting Bracket:** Secure the mounting bracket to the ceiling using appropriate screws and anchors (not included, typically). Ensure it is firmly attached to a joist or suitable ceiling support.
3. **Wiring:** Connect the lamp's electrical wires to your household wiring according to local electrical codes. Typically, this involves connecting live (L), neutral (N), and ground (GND) wires. Ensure all connections are secure.
4. **Attach Lamp Body:** Carefully attach the lamp body to the mounting bracket, ensuring all wires are tucked safely inside the ceiling box and not pinched. Secure the lamp with the provided fasteners.
5. **Final Check:** Once the lamp is securely mounted, restore power at the circuit breaker.



Figure 5.1: The Paul Neuhaus 15220-16 LED Ceiling Lamp seamlessly integrated into a modern bedroom setting.

6. OPERATION

Your Paul Neuhaus 15220-16 lamp is operated using the included infrared remote control. Ensure the AAA batteries are correctly inserted into the remote.

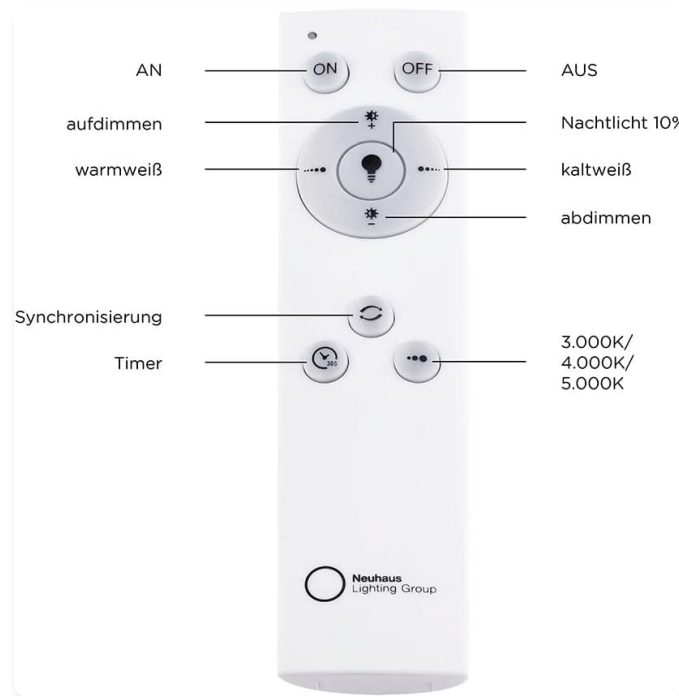


Figure 6.1: Layout of the infrared remote control for the Paul Neuhaus 15220-16 lamp.

Remote Control Functions:

- **ON / OFF:** Press the 'ON' button to turn the lamp on, and 'OFF' to turn it off.
- **Dimming:** Use the '+' button to increase brightness (aufdimmen) and '-' button to decrease brightness (abdimmen).
- **Color Temperature Adjustment:** The buttons with light bulb icons allow you to switch between warm white (warmweiß) and cold white (kaltweiß) light.
- **RGB Color Change:** The outer ring of the lamp can display various colors. Use the dedicated color buttons or cycle through colors.
- **Night Light (Nachtlicht 10%):** Activates a low-brightness mode, ideal for night use.
- **Synchronization (Synchronisierung):** If you have multiple lamps, this button may help synchronize their settings. Refer to the detailed mounting sheet for specific pairing instructions if needed.
- **Timer (Timer):** Activates a timer function, typically for automatic shut-off after a set period (e.g., 30 minutes).
- **Color Temperature Presets:** Buttons labeled 3.000K, 4.000K, and 5.000K allow direct selection of specific color temperatures.

Note: The lamp may retain the last setting when turned off via the remote. If turned off via the main switch, it might revert to a default setting (e.g., neutral white with a red ring).

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your lamp.

- **Cleaning:** Before cleaning, always disconnect the lamp from the main power supply. Use a soft, dry, lint-free cloth to gently wipe the surface of the lamp. Do not use liquid cleaners, sprays, or abrasive materials, as these can damage the finish or electrical components.
- **LEDs:** The LED light source in this lamp is integrated and not user-replaceable. Do not attempt to replace the LEDs.

8. TROUBLESHOOTING

If you encounter issues with your lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not turn on.	No power supply; loose wiring; faulty remote batteries.	Check circuit breaker. Ensure wiring connections are secure (with power off). Replace remote batteries.
Remote control not working.	Dead batteries; remote out of range; interference; remote not paired.	Replace batteries. Ensure clear line of sight to lamp. Reduce interference. Refer to manual for remote pairing instructions if applicable.
Lamp makes cracking noises.	Thermal expansion/contraction of materials.	This can be normal for some fixtures as they heat up or cool down. If excessive or persistent, contact support.
Light flickers or dims unexpectedly.	Unstable power supply; internal component issue.	Ensure stable power. If problem persists, contact support.

If the problem persists after attempting these solutions, please contact customer support.

9. RECYCLING AND DISPOSAL

This product contains electronic components and should not be disposed of with regular household waste. Please follow local regulations for the disposal of electronic waste and batteries.

- **Lamp Disposal:** Take the lamp to an authorized collection point for recycling electronic equipment.
- **Battery Disposal:** Dispose of used batteries at designated battery collection points.

Proper disposal helps prevent potential negative consequences for the environment and human health.

10. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. For details regarding the warranty period and terms, please refer to the warranty card included with your purchase or contact the retailer.

For technical support, spare parts, or warranty claims, please contact LeuchtenDirekt customer service or your point of purchase. Have your model number (15220-16) and proof of purchase ready when contacting support.

Contact Information:

Please refer to the contact details provided on the product packaging or the official LeuchtenDirekt website for the most up-to-date support information.