

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [HOFTRONIC](#) /

› [HOFTRONIC LED Dimmer 3-200W Universal Phase-Cut Dimmer Instruction Manual](#)

HOFTRONIC 2714154

HOFTRONIC LED Dimmer 3-200W Universal Phase-Cut Dimmer

Model: 2714154

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, efficient operation, and proper maintenance of your HOFTRONIC LED Dimmer 3-200W. Please read this manual carefully before use and retain it for future reference. This universal dimmer is designed for LED lighting applications, offering silent and continuous dimming with a wide power range.

2. SAFETY INFORMATION

- Always disconnect the main power supply before attempting any installation, wiring, or maintenance. Failure to do so can result in electric shock or serious injury.
- Installation should be performed by a qualified electrician or a competent person familiar with electrical wiring and safety standards.
- Ensure that all wiring connections are secure and comply with local electrical codes and regulations.
- Do not exceed the specified maximum load of 200W for LED lamps. Overloading can damage the dimmer and connected devices, and poses a fire risk.
- This dimmer is designed for indoor use only. Do not expose it to moisture or extreme temperatures.
- Do not attempt to repair or modify the dimmer. Refer all servicing to qualified personnel.

3. BOX CONTENTS

Verify that all items are present in the package:

- 1x HOFTRONIC LED Dimmer 3-200W Universal
- 1x Adapter set (for various cover materials)



Image: Overview of the HOFTRONIC LED Dimmer and included adapter set.

4. SPECIFICATIONS

Manufacturer	HOFTRONIC
Model Number	2714154
Input Voltage	220-240V / 50Hz
Load Type	LED (Trailing Edge Phase-Cut)
LED Load Range	3W - 200W
Installation Method	Flush Mount / Surface Mount
Switch Type	Rotary (1-way)
Certifications	CE, REACH, RoHS

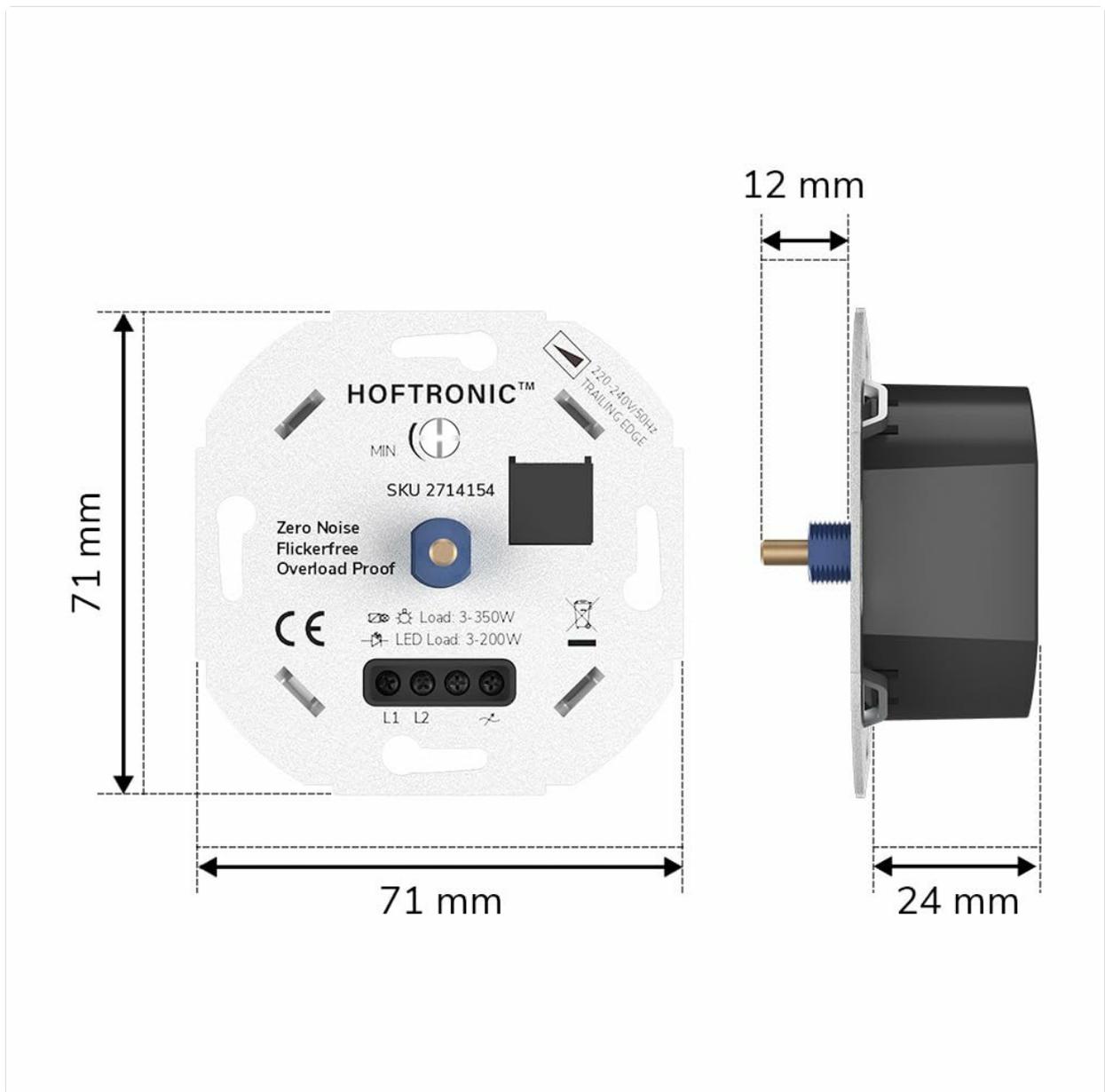


Image: Dimensions of the HOFTRONIC LED Dimmer module (71mm x 71mm, 12mm front depth, 24mm back depth).

5. SETUP AND INSTALLATION

The HOFTRONIC LED Dimmer is designed for easy 2-wire installation and is compatible with most standard flush and surface-mounted sockets. It also includes adapter pieces for integration with various cover materials such as Gira, Berker, Peha, Jung, and Busch Jaeger.

5.1. Wiring Diagram

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

1. Identify the live (L1), switched live (L2), and neutral (N) wires from your existing wiring.
2. Connect the live wire (L1) to the terminal marked 'L1' on the dimmer.
3. Connect the switched live wire (to the lamp) to the terminal marked 'L2' on the dimmer.
4. Connect the neutral wire (N) to the terminal marked with the neutral symbol (usually 'N' or a loop symbol) on the dimmer.
5. Ensure all connections are tight and secure.



Image: Rear view of the dimmer module showing L1, L2, and Neutral connection points.

5.2. Mounting the Dimmer

1. Carefully insert the wired dimmer module into the wall box.
2. Secure the dimmer module using the screws provided, ensuring it sits flush with the wall.
3. Attach the desired cover frame and rotary knob, using the adapter set if necessary for compatibility with your existing switch system.



Image: A hand installing the HOFTRONIC LED Dimmer module into a standard wall box.



Image: Exploded view showing the dimmer module and various compatible cover frames and rotary knobs.

6. OPERATING INSTRUCTIONS

Once installed, the HOFTRONIC LED Dimmer provides intuitive control over your LED lighting.

- **Switching On/Off:** Press the rotary knob to switch the connected lights on or off.
- **Dimming:** Rotate the knob clockwise to increase brightness and counter-clockwise to decrease brightness. The dimmer offers continuous, silent, and flicker-free dimming across its 3W-200W range.
- **Minimum Brightness Adjustment:** The dimmer may feature a small adjustment screw (often marked 'MIN') to set the minimum dimming level, preventing flickering at very low settings. Use a small screwdriver to adjust this if necessary after installation.

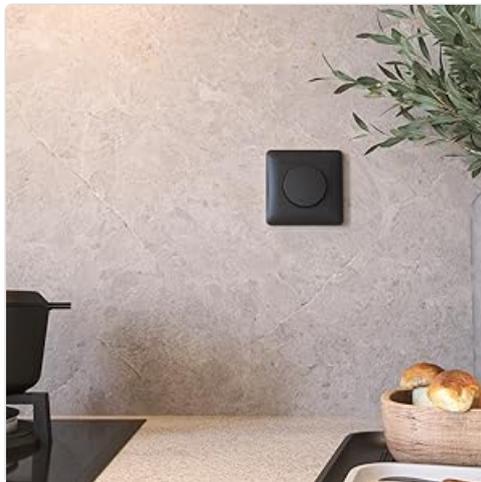


Image: Illustration highlighting the flicker-free operation of the HOFTRONIC LED Dimmer.

7. MAINTENANCE

The HOFTRONIC LED Dimmer requires minimal maintenance.

- Ensure the power is off before cleaning.
- Wipe the surface of the dimmer and knob with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply, incorrect wiring, faulty bulb.	Check circuit breaker. Verify wiring connections (L1, L2, N). Test with a known working bulb.
Lights flicker or buzz.	Incompatible LED bulbs, load too low/high, minimum brightness not adjusted.	Ensure LED bulbs are dimmable. Check total wattage is within 3-200W. Adjust the 'MIN' screw on the dimmer.
Dimmer does not dim smoothly.	Incompatible LED bulbs, load issues.	Ensure LED bulbs are designed for phase-cut dimming. Verify load is within specified range.
Dimmer feels warm.	Normal operation, or overload.	A slight warmth is normal during operation. If it's excessively hot, check for overload (total wattage exceeding 200W). Disconnect power and consult an electrician if unsure.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to report any issues not covered in this manual, please contact HOFTRONIC customer service through their official website or the retailer where the product was purchased. Please have your model number (2714154) and purchase date available when contacting support.