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› Ikea TRADFRI E14 LED Smart Bulb User Manual - Model LED2101G4

Ikea LED2101G4

Ikea TRADFRI E14 LED Smart Bulb User Manual

Model: LED2101G4 | Article Number: 705.181.84

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Ikea TRADFRI E14 LED Smart Bulbs. These bulbs are designed to integrate with the IKEA TRADFRI Zigbee smart lighting system, offering adjustable white light from warm to cool tones. Please read this manual thoroughly before installation and use.



Image 1.1: A set of four Ikea TRÅDFRI E14 LED Smart Bulbs, each packaged in its retail box. The packaging highlights key features such as 470 lumens, 4.2W power, and Zigbee compatibility.

2. SAFETY INFORMATION

- Ensure the power is turned off at the main switch before installing or replacing bulbs.
- Do not use these bulbs with standard dimmers. They are designed for smart dimming via the TRÅDFRI system.
- For indoor use only. Do not expose to water or excessive moisture.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Your package contains the following:

- 4 x Ikea TRÅDFRI E14 LED Smart Bulbs (Model: LED2101G4)

Note: Additional accessories such as the IKEA TRÅDFRI Gateway or a TRÅDFRI remote control are required for full smart functionality and are sold separately.



Image 3.1: A close-up view of a single Ikea TRÅDFRI E14 LED Smart Bulb in its white and yellow packaging. The bulb's E14 base and frosted finish are visible, along with specifications like 470 lumens and 4.2W.

4. SPECIFICATIONS

Feature	Specification
Model Number	LED2101G4
Article Number	705.181.84
Bulb Base	E14 (Small Edison Screw)
Light Output	470 Lumens
Power Consumption	4.2 Watts
Incandescent Equivalent	31 Watts
Color Temperature	White Spectrum (Switchable Warm, Neutral, Cool White)
Connectivity	Zigbee
Voltage	240 Volts
Diameter	45mm
Length	79mm
Estimated Lifespan	25,000 hours
Finish Type	Frost

5. SETUP

5.1 Physical Installation

1. Ensure the power to the light fixture is turned off at the main switch.
2. Carefully screw the TRADFRI E14 LED Smart Bulb into a compatible E14 lamp holder. Do not overtighten.
3. Turn the power back on at the main switch. The bulb should light up at its default setting.

5.2 Pairing with IKEA TRADFRI System

These bulbs are designed to work with the IKEA TRADFRI smart lighting system. You will need an IKEA TRADFRI Gateway and/or a TRADFRI remote control (sold separately) to enable smart features.

1. Ensure your TRADFRI Gateway is set up and connected to your home network.
2. Open the IKEA Home smart app on your smartphone or tablet.
3. Follow the in-app instructions to add a new device. Select 'Light bulb'.
4. You may be prompted to bring the bulb close to the Gateway or a paired TRADFRI remote for pairing.
5. Once successfully paired, the bulb will appear in your app, and you can begin controlling it.

6. OPERATING INSTRUCTIONS

Once your TRADFRI E14 LED Smart Bulb is paired, you can control it using the IKEA Home smart app or a

TRADFRI remote control.

6.1 Basic Control (On/Off, Dimming)

- **Via IKEA Home smart app:** Select the bulb in the app to turn it on/off or adjust its brightness using the slider.
- **Via TRADFRI Remote Control:** Use the power button to turn on/off. Use the dimmer buttons to adjust brightness.

6.2 Adjusting Color Temperature

The TRADFRI E14 LED Smart Bulb offers a white spectrum, allowing you to switch between warm white, neutral white, and cool white light.

- **Via IKEA Home smart app:** In the bulb's control interface, select the color temperature option and choose your desired white tone.
- **Via TRADFRI Remote Control:** Some TRADFRI remotes have dedicated buttons for cycling through color temperatures. Refer to your remote's manual for specific instructions.

7. MAINTENANCE

- To clean the bulb, ensure the power is off and the bulb is cool. Wipe with a dry, soft cloth.
- Do not use liquid cleaners or abrasive materials.
- The bulb contains no user-serviceable parts. Any attempt to open or repair the bulb will void the warranty and may pose a safety risk.

8. TROUBLESHOOTING

8.1 Bulb Not Lighting Up

- Check if the power switch for the fixture is on.
- Ensure the bulb is screwed in correctly and securely.
- Test the bulb in another working fixture to rule out a fixture issue.

8.2 Bulb Not Responding to Smart Control

- Verify that the bulb is within range of your TRADFRI Gateway or remote control.
- Check if your TRADFRI Gateway is powered on and connected to your network.
- Ensure the IKEA Home smart app is updated to the latest version.
- Try re-pairing the bulb with your TRADFRI system.

8.3 Resetting the Bulb

To factory reset the bulb, turn the main power switch to the bulb off and on six times. The bulb will flash to indicate a successful reset. After resetting, the bulb will need to be re-paired with your TRADFRI system.

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided within this manual. For details regarding warranty, returns, or technical support, please refer to your purchase documentation or contact IKEA customer service directly.

