Steinel L 42 C

Steinel L 42 C LED Outdoor Light Instruction Manual

Model: L 42 C

Introduction

Thank you for choosing the Steinel L 42 C LED Outdoor Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new outdoor lighting fixture. The L 42 C is a high-quality LED outdoor wall light featuring Bluetooth Mesh connectivity for smart control via the Steinel Connect App.

Safety Instructions

- Installation must be carried out by a qualified electrician in accordance with national wiring regulations and local electrical codes.
- Ensure the power supply is disconnected before commencing any installation, maintenance, or repair work.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- The product is designed for outdoor use and is splash-proof (IP54). Do not immerse in water.
- Keep packaging materials away from children.

Package Contents

Please check that all components are present and undamaged:

- Steinel L 42 C LED Outdoor Light
- Mounting material (3 x screws, 3 x dowels, 3 x spacers)
- Instruction Manual (this document)

Image: Front view of the Steinel L 42 C LED Outdoor Light, showcasing its anthracite finish and rectangular design.

Setup and Installation

The Steinel L 42 C LED Outdoor Light is designed for wall mounting. Ensure the mounting surface is suitable and can support the weight of the fixture.

1. **Prepare the Installation Site:** Choose a suitable location on an outdoor wall. Mark the drilling points using the light fixture as a template.

2. **Drill Holes:** Drill holes at the marked positions. Insert the provided dowels into the drilled holes.
3. **Connect Wiring:** Connect the electrical wiring (Live, Neutral, Earth) from your mains supply to the corresponding terminals on the light fixture. Ensure all connections are secure and insulated. The power supply required is 220-240 V / 50-60 Hz.
4. **Mount the Fixture:** Secure the light fixture to the wall using the provided screws and spacers. Ensure the fixture is firmly attached and level.
5. **Restore Power:** Once installation is complete, restore power to the circuit. The light should illuminate or be ready for app configuration.

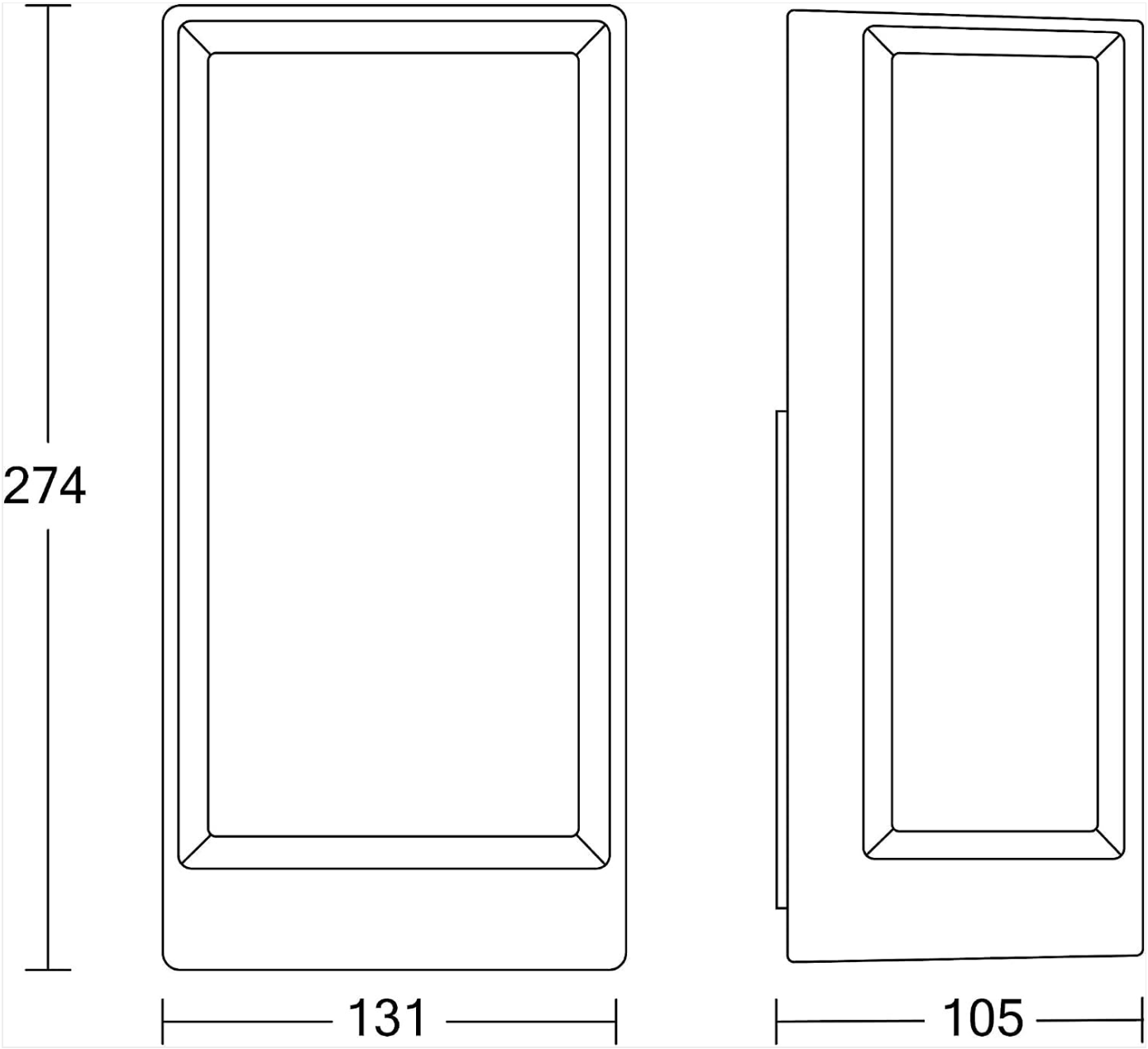

Image: Technical drawing showing the dimensions of the L 42 C light fixture: 274mm height, 131mm width, and 105mm depth.

Image: The Steinel L 42 C LED Outdoor Light installed on a wall, emitting a warm white light.

Operating Instructions

Steinel Connect App and Bluetooth Mesh

The Steinel L 42 C LED Outdoor Light is controlled and configured via the Steinel Connect App, utilizing Bluetooth Mesh technology. This allows for individual control or networking with other Sensor Connect lamps to form groups.

1. **Download the App:** Download the "Steinel Connect" app from your smartphone's app store (iOS or Android).
2. **Connect to the Light:** Open the app and follow the on-screen instructions to discover and connect to your L 42 C light. Ensure Bluetooth is enabled on your device.
3. **Dimming Function:** The main light of the wall lamp can be dimmed via the app from 0-100%.
4. **Networking with Sensor Connect Lamps:** If you have other Steinel Sensor Connect lamps, you can network them via Bluetooth Mesh. When motion is detected by a Sensor Connect lamp in the group, all lights in that group will automatically switch to the set brightness.

5. **Additional App Functions (in a sensor fixture group):**
    - **Soft Light On:** Gradual illumination for a more comfortable experience.
    - **Night Light Function:** Maintain a low-level ambient light during darkness.
    - **Time Setting:** Adjust the duration the light stays on after activation.
    - **Range Setting:** Configure the detection range for networked sensor lamps.
    - **Twilight Setting (self-learning):** The light learns ambient light levels to determine when to activate.
    - **Timer Function:** Schedule specific on/off times for the light.

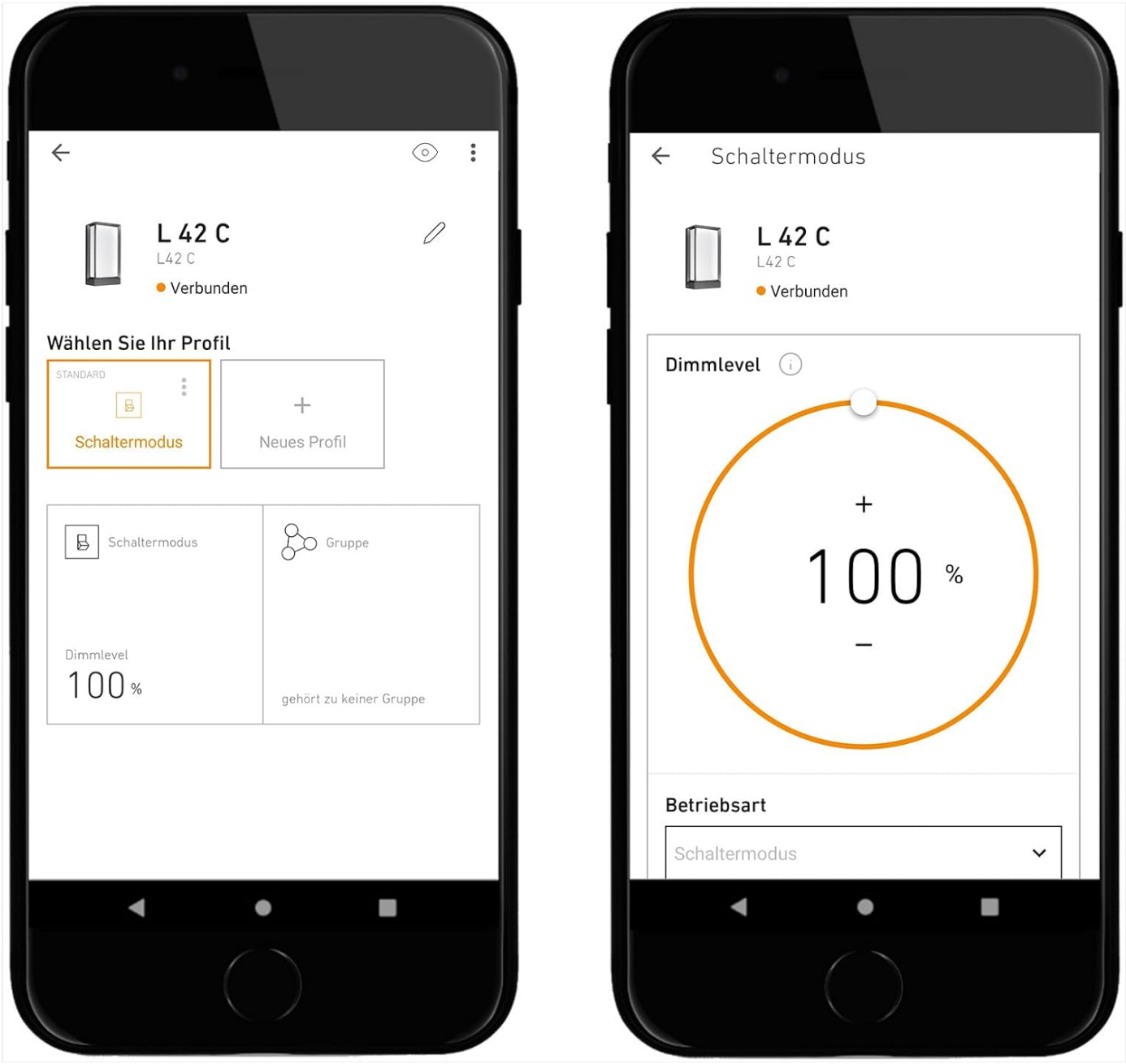

Image: Screenshot of the Steinel Connect App interface, demonstrating the dimming control for the L 42 C light, set to 100% brightness.

Image: An exterior view of a modern house featuring multiple Steinel L 42 C LED Outdoor Lights illuminating the facade, entrance, and patio areas.

Maintenance

The Steinel L 42 C LED Outdoor Light is designed for long-term, low-maintenance operation.

- **Cleaning:** Clean the fixture periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **LED Life:** The integrated LED has a long service life of approximately 60,000 hours. The LED unit is not user-replaceable.
- **Durability:** The high-quality aluminum housing and IP54 splash-proof rating ensure durability and protection against outdoor elements.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; incorrect wiring; faulty light.	Check circuit breaker; verify wiring connections; contact customer support if light is faulty.
Cannot connect via Steinel Connect App.	Bluetooth off; app not updated; light out of range; light not in pairing mode.	Ensure Bluetooth is enabled on your device; update the app; move closer to the light; power cycle the light to re-enter pairing mode.
Light flickers or dims unexpectedly.	Unstable power supply; loose wiring; app settings.	Check power connections; verify app dimming settings; consult an electrician for power supply issues.

Specifications

Bluetooth® MESH

LED 30 years (Ø 4,5h / day)	outdoor light	connectable via bluetooth	IP54
3000 K 3000 K warm-white	0-100% 0-100% main light brightness	plastic free packaging	settings via App

Image: Infographic summarizing key features: 30 years LED life (4.5h/day), outdoor light, connectable via Bluetooth, IP54 rating, 3000K warm-white, 0-100% main light brightness, plastic-free packaging, and settings via App.

Feature	Detail
Model	L 42 C
Item Number	085254
Power Supply	220-240 V / 50-60 Hz
Power Output	12.6 W
Brightness	871 lm

Feature	Detail
Color Temperature	3000 K (Warm White)
Dimming Range	0-100% via App
Connectivity	Bluetooth Mesh, Steinel Connect App
Material	Plastic, Aluminium
Protection Class	IP54 (Splash-proof)
LED Life Expectancy	60,000 hours
Dimensions (W x D x H)	10.5 x 13.2 x 27.5 cm (approx. 13.1L x 10.5W x 27.4H centimetres)
Weight	1.01 kg
Certifications	CE, RoHS, UKCA
Assembly Required	Yes

Warranty and Support

Steinel products are manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Steinel website. For technical support or inquiries, please contact Steinel customer service through their official channels.

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