

TRIO 214269142

Trio Leuchten Roya Outdoor Wall Lamp

Model: **214269142** | Brand: **TRIO**

INTRODUCTION

The Trio Leuchten Roya 214269142 is an outdoor wall lamp designed for effective illumination around your home or garden. Crafted from durable die-cast aluminum in an anthracite finish, this lamp features an integrated motion sensor for enhanced security and convenience. Its IP44 rating ensures protection against splashing water, making it suitable for various outdoor environments. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new wall lamp.

Key Features:

- High-quality die-cast aluminum construction.
- Integrated motion sensor with 8m detection range and 100° angle.
- IP44 protection against splashing water.
- Requires 1 x GU10 bulb (max. 35W), not included.
- Lightweight and compact design for easy installation.

SETUP AND INSTALLATION

Safety Warning: Always disconnect the main power supply before attempting any installation, maintenance, or bulb replacement. Installation should be performed by a qualified electrician if you are unsure.

1. **Unpack:** Carefully remove all components from the packaging and ensure all parts are present.
2. **Choose Location:** Select a suitable outdoor wall location, ensuring it is within reach of the electrical supply and provides the desired illumination coverage.
3. **Mounting Bracket:** Secure the mounting bracket to the wall using appropriate screws and wall plugs for your wall type. Ensure the bracket is level and firmly attached.
4. **Wiring:** Connect the electrical wires from your mains supply to the lamp's terminal block. Follow the wiring diagram provided with the product and ensure correct polarity (Live, Neutral, Earth). All connections must be secure and insulated.
5. **Attach Lamp Body:** Carefully attach the lamp body to the mounting bracket, ensuring no wires are pinched. Secure it with the provided screws.
6. **Insert Bulb:** Insert one GU10 bulb (maximum 35W) into the lamp holder. LED GU10 bulbs are recommended for energy efficiency.
7. **Test:** Restore power and test the lamp's functionality.



Image: Trio Leuchten Roya outdoor wall lamp mounted on a wall, showcasing its design and light output.



Image: Technical drawing with dimensions for model 214269142, showing front, side, and top views.

OPERATING INSTRUCTIONS

The Trio Leuchten Roya wall lamp is designed for automatic operation via its integrated motion sensor.

- **Automatic Activation:** Once power is supplied, the lamp will automatically turn on when motion is detected within its sensor range.
- **Motion Sensor Range:** The integrated motion sensor has a maximum detection range of 8 meters and a 100° detection angle.
- **Sensor Sensitivity:** Please note that the intensity or sensitivity of the motion sensor may not be adjustable on this model. The lamp may activate during daylight hours if motion is detected.
- **Light Duration:** The lamp will remain illuminated for a preset duration after motion is detected. This duration is typically fixed and not user-adjustable.



Image: Front view of the lamp, showing the motion sensor.



Image: Detailed close-up of the integrated motion sensor.

MAINTENANCE

To ensure the longevity and optimal performance of your Trio Leuchten Roya wall lamp, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lamp's exterior with a soft, damp cloth. Do not use abrasive cleaners,

solvents, or harsh chemicals, as these can damage the finish.

- **Bulb Replacement:** Before replacing the GU10 bulb, always disconnect the power supply. Allow the old bulb to cool down before handling. Insert the new GU10 bulb (max. 35W) securely into the socket.
- **Inspection:** Periodically inspect the lamp for any signs of wear, damage, or loose connections. If any damage is observed, disconnect power and consult a qualified electrician for repair.
- **Motion Sensor:** Keep the motion sensor lens clean and free from obstructions (e.g., dirt, leaves, spiderwebs) to ensure proper functionality.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|--|---|
| Lamp does not light up. | No power supply. Faulty bulb. Incorrect wiring. | Check circuit breaker and power switch. Replace GU10 bulb. Verify wiring connections (consult electrician if needed). |
| Motion sensor not detecting movement. | Sensor obstructed. Sensor dirty. Movement outside detection range. | Clear any obstructions from the sensor's view. Clean the sensor lens. Ensure movement occurs within 8m and 100° range. |
| Lamp stays on continuously or turns on during daylight. | Sensor sensitivity. Constant motion in detection area. Wiring issue. | The sensor intensity may not be adjustable. Consider repositioning if possible. Remove sources of constant motion. Check wiring connections (consult electrician if needed). |

SPECIFICATIONS

- **Model Number:** 214269142
- **Brand:** TRIO
- **Dimensions (L x W x H):** 11.6 cm x 7 cm x 15 cm
- **Weight:** 495 g
- **Material:** Die-cast Aluminum
- **Color:** Anthracite
- **Bulb Type:** GU10 (not included)
- **Max Wattage:** 35W
- **IP Rating:** IP44 (Protection against splashing water)
- **Motion Sensor:** Integrated, 8m detection range, 100° angle
- **Power Source:** Wired Electric
- **Usage:** Outdoor

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please contact TRIO customer service or visit their official website.

TRIO Leuchten GmbH

(Contact details typically found on manufacturer's website or product packaging)