

Amico RC3HLED SL

Amico 40W LED Security Light with Remote Control User Manual

Model: RC3HLED SL | Brand: Amico

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Amico 40W LED Security Light with Remote Control. Please read this manual thoroughly before installation and use, and retain it for future reference. This LED security light is designed for outdoor use, offering bright illumination, adjustable settings, and motion detection capabilities.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Do not look directly into the LED light when it is illuminated, as this may cause eye damage.
- Do not attempt to disassemble or modify the product, as this will void the warranty and may cause electrical hazards.
- Keep the remote control away from water and extreme temperatures.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Amico 40W LED Security Light Unit
- Remote Control
- Installation Hardware (screws, wall anchors, wiring caps)
- User Manual

4. PRODUCT FEATURES

- **High Brightness:** 40W LED output, 4000 lumens, equivalent to a 200W halogen light.
- **Adjustable Color Temperature:** Seamlessly adjust light from 2700K (warm white) to 6500K (cool white).

- **Remote Control Operation:** Conveniently adjust settings without needing to access the light directly.
- **Multiple Operating Modes:** Includes Auto (Motion Sensor), Dusk-to-Dawn (D2D), and Permanent On modes.
- **Micro-brightness Mode:** Provides a low-brightness standby state for energy saving, illuminating fully upon motion detection.
- **IP65 Waterproof:** Durable, weather-resistant design for safe outdoor use in rain, frost, or snow.
- **Adjustable Design:** Light heads and motion sensor are adjustable to illuminate a larger range.
- **Energy Efficient:** Helps reduce electricity consumption by up to 80%.

5. SETUP AND INSTALLATION

The Amico LED Security Light is designed for wall mounting and features a simple wiring process. Ensure the mounting surface is stable and can support the weight of the fixture.

5.1 Mounting the Fixture

1. **Turn off Power:** Before starting, ensure the power to the installation area is turned off at the circuit breaker.
2. **Prepare Mounting Surface:** Mark the desired mounting location on the wall.
3. **Install Mounting Bracket:** Secure the mounting bracket to the wall using the provided screws and wall anchors.
4. **Wire Connections:** Connect the household wiring to the fixture's wiring (Live to Live, Neutral to Neutral, Ground to Ground) using the provided wiring caps. Ensure all connections are secure.
5. **Attach Fixture:** Carefully attach the light fixture to the mounting bracket, ensuring it is securely fastened.

Remote Control

Avoid repeatedly moving the ladder



Convenient



Figure 5.1: Installation of the Amico LED Security Light. The image shows a person on a ladder installing the light, with an inset of the remote control, emphasizing ease of setup without constant ladder adjustments.

5.2 Adjusting Light Heads and Sensor

The light heads and motion sensor can be adjusted to cover your desired area.

- Gently pivot the light heads to direct illumination where needed.
- Adjust the motion sensor's angle to optimize detection range and sensitivity.

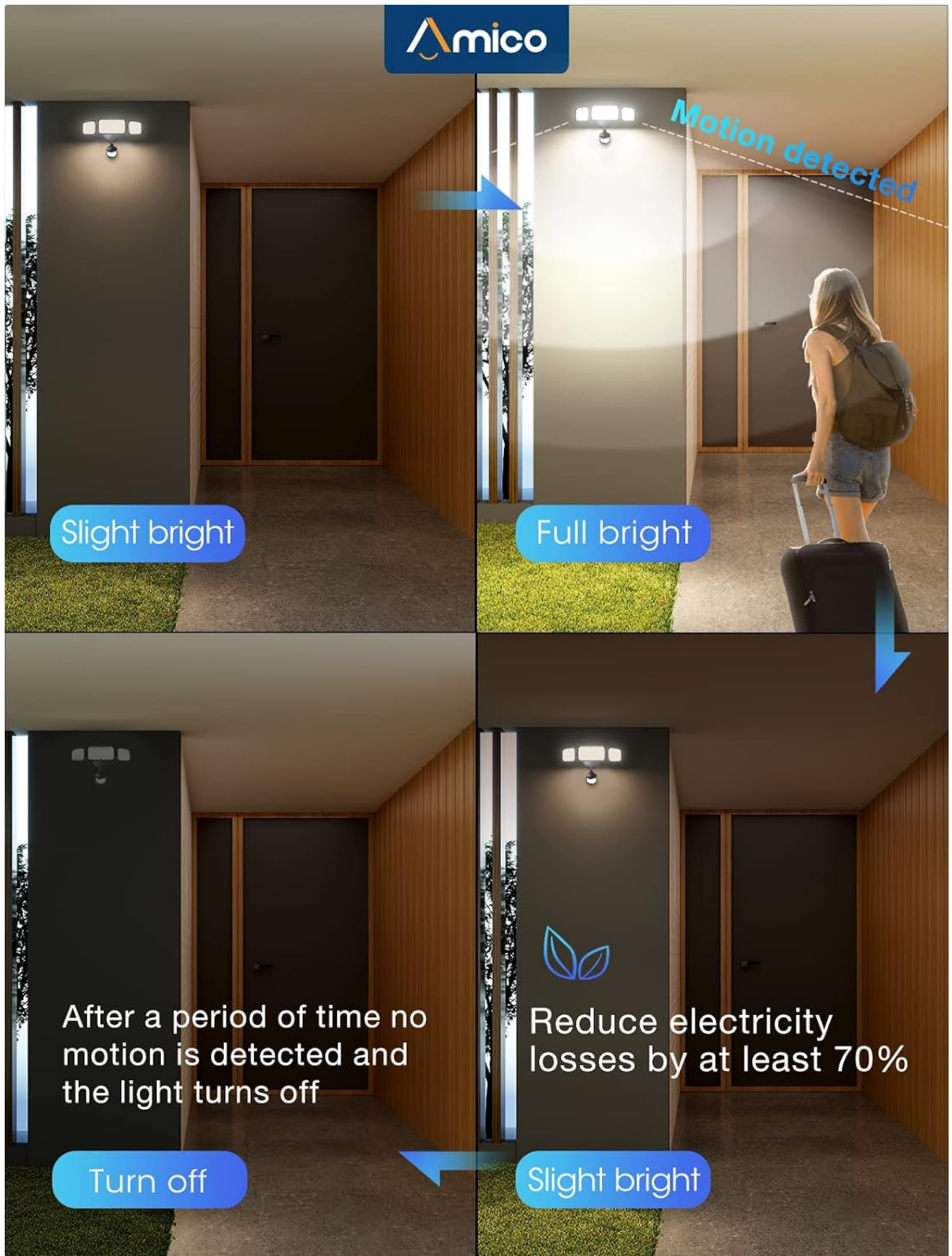


Figure 5.2: Adjustable design of the Amico LED Security Light. This image illustrates the flexibility of the light heads and sensor, allowing for broad coverage and precise targeting of illumination.

6. OPERATING INSTRUCTIONS

Your Amico LED Security Light can be operated using the included remote control. Ensure the remote has working batteries.

6.1 Remote Control Functions

Remote



Figure 6.1: Amico Remote Control Layout. The image displays the remote control with labels for each button's function, including power, brightness adjustment, color temperature control, mode selection, and a 4-hour delay off feature.

- **Power Button (⏻):** Turns the light On or Off.
- **Test Button:** Activates a testing mode for sensor functionality.
- **Brightness Up/Down (Sun icon with +/-):** Adjusts the light intensity.

- **Color Temperature Up/Down (K+/-):** Adjusts the color temperature between 2700K and 6500K.
- **All White Bright Button:** Sets the light to maximum brightness and a neutral white color temperature.
- **SENS (Sensor Mode):** Activates motion sensor mode.
- **D2D (Dusk-to-Dawn):** Activates dusk-to-dawn mode.
- **Micro (Micro-brightness Mode):** Activates micro-brightness standby mode.
- **A-ON (Always-on Mode):** Activates permanent on mode.
- **4H (4-Hour Delay Off):** Sets the light to automatically turn off after 4 hours.

7. MODES OF OPERATION

The Amico LED Security Light offers three primary operating modes, selectable via the remote control:



3 Modes in 1 Light

Sensor | D2D | Always on

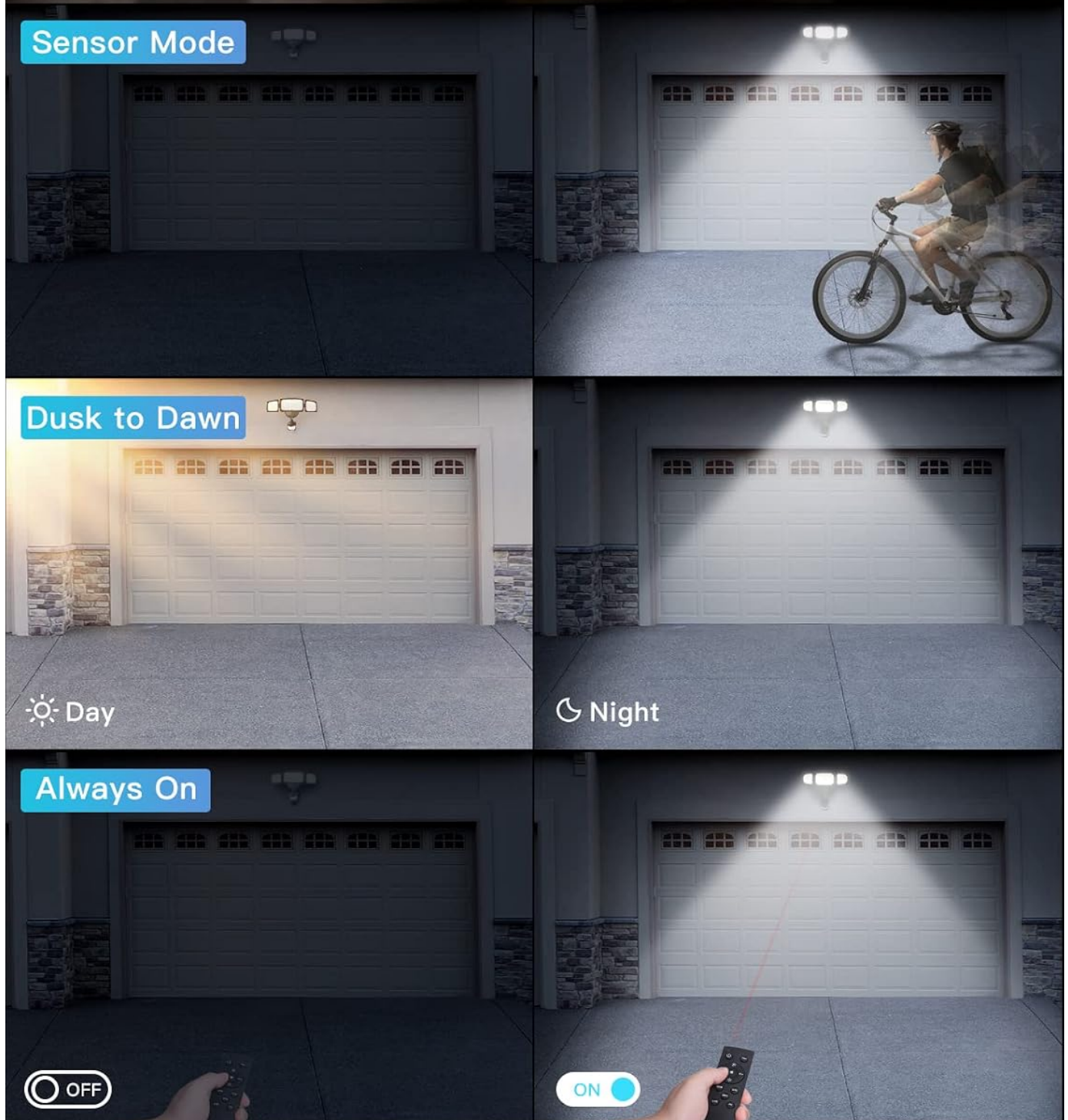


Figure 7.1: Overview of the three operating modes. This image visually demonstrates the functionality of Sensor Mode, Dusk-to-Dawn mode, and Always On mode in different lighting conditions.

7.1 Sensor Mode (SENS)

In this mode, the light will automatically turn on when motion is detected within approximately 70 feet. The lighting duration can be adjusted to 1, 3, 10, or 20 minutes. The light will turn off after the set time if no further motion is detected.



Sensor Mode

Never let you step into darkness

1/3/10/20min
(lighting time)

MAX 75 FT (adjustable)



Figure 7.2: Sensor Mode in action. The image shows the light illuminating a driveway at night as a person on a bicycle approaches, indicating motion detection up to 75 feet.

7.2 Dusk-to-Dawn Mode (D2D)

The light will automatically turn on when it gets dark and turn off during daylight hours. This mode provides continuous illumination throughout the night.

7.3 Permanent On Mode (A-ON)

This mode allows for manual control of the light via the remote control or a wall switch. The light will remain on until manually turned off.

7.4 Micro-brightness Mode (Micro)

This energy-saving mode keeps the security light at a low brightness level when no motion is detected. Upon activation of the motion sensor, the light will switch to full brightness. After a period of no motion, it returns to the slight bright state, reducing electricity loss.



Adjustable Design

Adjustable to illuminate a larger range



Figure 7.3: Micro-brightness mode sequence. This graphic demonstrates the light's behavior: starting at slight brightness, becoming full bright upon motion detection, turning off after a period of no motion, and then returning to slight brightness to save energy.

8. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Amico LED Security Light.

- **Cleaning:** Periodically clean the light fixture and sensor lens with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the wiring and mounting for any signs of wear, damage, or loose connections.
- **Remote Control:** Replace batteries in the remote control as needed (typically once a year or when responsiveness decreases).

9. TROUBLESHOOTING

If you encounter issues with your Amico LED Security Light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty wiring, remote control battery dead, light sensor blocked.	Check circuit breaker. Verify wiring connections. Replace remote control batteries. Ensure light sensor is not obstructed.
Light stays on continuously or turns off too quickly.	Incorrect mode setting, motion sensor sensitivity too high/low, continuous motion in detection area.	Verify operating mode (e.g., not in Permanent On mode). Adjust motion sensor sensitivity and time settings using the remote. Ensure no constant motion is triggering the sensor.
Motion sensor is not detecting movement effectively.	Sensor angle incorrect, sensitivity too low, obstruction in detection path.	Adjust the angle of the motion sensor. Increase sensor sensitivity via remote. Clear any obstructions.
Light flickers or dims unexpectedly.	Unstable power supply, loose wiring connection, extreme temperature.	Check power supply stability. Inspect and secure all wiring connections. Ensure operating within specified temperature range.

10. SPECIFICATIONS

Feature	Detail
Brand	Amico
Model Number	RC3HLED SL
Power Source	AC
Voltage	120 Volts (AC)
Wattage	40 Watts
Brightness	4000 Lumens
Light Source Type	LED
Color Temperature	2700K - 6500K (Adjustable)
Water Resistance Level	IP65 (Waterproof)

Feature	Detail
Material	Aluminum
Mounting Type	Wall Mount
Controller Type	Remote Control
Item Weight	2.93 Pounds
Assembly Required	No



IP65 Waterproof

Rain or snow, safe still



Figure 10.1: IP65 Waterproof Rating. The image shows the Amico security light functioning reliably outdoors during rainy conditions, highlighting its weather-resistant design.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Amico customer service

directly. Keep your purchase receipt as proof of purchase.

Contact Information: Please visit the official Amico website or refer to the contact details provided with your product for support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question