CLY TSFA0070/70W

CLY LED Sensor Floodlight Instruction Manual

Model: TSFA0070/70W

1. INTRODUCTION

Thank you for purchasing the CLY LED Sensor Floodlight. This product is designed to provide efficient and reliable outdoor lighting with advanced motion sensing and remote control capabilities. Its durable, waterproof design makes it suitable for various outdoor applications, including garages, gardens, entrances, warehouses, and parking lots.

Key Features:

- **Convenient Remote Control Operation:** Adjust lighting time, detection distance, operating modes, and brightness with ease.
- **Constant Lighting Function:** Can be used as a standard floodlight with optional 1-hour, 2-hour, or 3-hour timer settings for automatic shut-off.
- **Advanced Motion Sensor:** Features both Daytime (24-hour detection) and Nighttime (night-only detection) modes.
- **Adjustable Detection Distance:** Sensor detection distance can be set to 6m, 9.6m, or 12m.
- **Stepless Brightness Adjustment:** Finely tune the light intensity to suit specific usage scenarios, promoting energy efficiency.
- **IP66 Waterproof Rating:** Ensures reliable performance in various weather conditions.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician if you are unsure.
- Do not look directly into the LED light source when it is illuminated, as it may cause eye strain or damage.
- Ensure the product is securely mounted to prevent it from falling.
- Do not modify or disassemble the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the product away from flammable materials.
- This product is designed for outdoor use and is IP66 waterproof. However, avoid submerging it in water.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- CLY LED Sensor Floodlight Unit
- Remote Control
- Instruction Manual

4. PRODUCT OVERVIEW

The CLY LED Sensor Floodlight features three adjustable light panels for wide illumination, a central motion sensor for detection, and a remote control for convenient operation. The image also shows the remote control layout and a brightness adjustment slider.

Components:

- **Adjustable Light Panels:** Three independent LED panels that can be angled to direct light where needed.
- **Motion Sensor:** Located at the bottom center, detects movement within its range.
- **Remote Control:** Used to adjust settings such as brightness, mode, and timer.
- **Mounting Bracket:** (Not explicitly shown but implied for installation) For securing the light to a wall or surface.

5. SETUP

Installation Location:

Choose a suitable location for installation, such as a wall, eaves, or other stable surface. Ensure the location allows for optimal motion sensor coverage and light distribution. For best sensor performance, an installation height of approximately 4m-6m is recommended.

Mounting Steps:

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes at the marked points.
3. Insert wall anchors (if necessary) into the drilled holes.
4. Secure the mounting bracket to the wall using screws.
5. Attach the floodlight unit to the mounting bracket.
6. Adjust the angle of the light panels and the motion sensor to cover the desired area.
7. Connect the power cord to a suitable power outlet. The product comes with a 1.5m cord.

6. OPERATING INSTRUCTIONS

Remote Control Functions:

The remote control allows for flexible adjustment of the light's settings. The maximum control distance is approximately 12 meters.

- **ON/OFF Button:** Toggles the light between ON and OFF states.
- **Brightness Adjustment:** Use the brightness buttons (sun icon with +/-) or the stepless dimming function to adjust light intensity.
- **Operating Mode Selection:**
  - **Daytime Mode (Sun icon):** The light will activate automatically when motion is detected, 24 hours a day.
  - **Nighttime Mode (Moon icon):** The light will activate automatically only when motion is detected during nighttime hours.
- **Lighting Time Setting:** Set the duration the light stays on after motion detection:
  - **45S:** 45 seconds
  - **90S:** 90 seconds
  - **120S:** 120 seconds
  - **5min:** 5 minutes
  - **10min:** 10 minutes
- **Detection Distance Adjustment:** Set the sensitivity of the motion sensor:
  - **6m**
  - **9.6m**
  - **12m**
- **Constant Lighting Mode (1H/2H/3H):** Press the 1H, 2H, or 3H button to keep the light on constantly for the selected duration. After the set time, the light will automatically turn off and return to 45-second sensor mode.

Switching Modes:

Pressing the ON/OFF button on the remote control allows you to switch between constant lighting mode and constant off mode. For general use, the sensor light mode is recommended. Using the constant lighting mode in conjunction with a security camera can enhance security effectiveness.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your CLY LED Sensor Floodlight.

- **Cleaning:** Periodically wipe the light panels and sensor lens with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the power cord for any signs of damage. Ensure the mounting screws are tight and the light unit is securely attached.
- **Sensor Area:** Keep the area around the motion sensor clear of obstructions (e.g., overgrown plants) that might interfere with its detection capabilities.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power; Light mode incorrect; Sensor obstructed.	Check power connection; Ensure remote control is working; Switch to Daytime/Nighttime sensor mode; Clear sensor area.
Sensor not detecting motion.	Sensor angle incorrect; Detection distance too low; Obstructions.	Adjust sensor angle; Increase detection distance via remote; Remove obstructions.
Remote control not working.	Battery low/dead; Obstruction between remote and light.	Replace remote control battery; Ensure clear line of sight to the light's sensor.
Light stays on constantly in sensor mode.	Constant lighting mode activated; Continuous motion detected.	Press ON/OFF button on remote to exit constant lighting mode; Check for continuous motion in sensor area.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Manufacturer	CLY
Product Model Number	TSFA0070/70W
Product Dimensions	10 x 8 x 15 cm
Item Weight	150 g
ASIN	B0DF1K2DDT
Date First Available	August 23, 2024
Color	Black
Features	Motion Sensor, Energy Saving
Included Components	Light Unit, Instruction Manual

10. WARRANTY AND SUPPORT

CLY products are manufactured to high-quality standards. For warranty information or technical support, please refer to the product packaging or contact your retailer. You can also visit the official CLY brand store on Amazon for more information and support:

Visit the CLY Brand Store