CLY TSFA0070/70W

CLY LED Motion Sensor Floodlight User Manual

Model: TSFA0070/70W

1. INTRODUCTION

Thank you for purchasing the CLY LED Motion Sensor Floodlight. This product is designed to provide bright, energy-efficient illumination for both indoor and outdoor environments, enhancing security and convenience. Featuring a 3-head design with adjustable angles, remote control operation, and IP66 waterproofing, this floodlight offers versatile lighting solutions for various applications such as garages, gardens, entrances, and warehouses. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.

2. PRODUCT FEATURES

- **High Brightness & Adjustable Lighting:** Equipped with 70W LEDs providing 7000 lumens of daylight white (6500K) illumination. The 3-head design allows for individual adjustment of each light panel up to 90 degrees vertically and 90 degrees horizontally, offering a wide 270-degree illumination range. The sensor lens also rotates 90 degrees for optimal detection.

- **Convenient Remote Control Operation:** Full control over lighting modes, duration, detection distance, and brightness via the included remote control. Ideal for adjusting settings when the light is mounted in high or hard-to-reach locations. Maximum control distance is 12 meters.

- **Multiple Operating Modes:**
  - **Daylight Mode:** Light activates automatically upon motion detection 24 hours a day.
  - **Night Mode:** Light activates automatically upon motion detection only at night.

- **Adjustable Lighting Duration & Detection:** Set the continuous lighting duration to 45 seconds, 90 seconds, 120 seconds, 5 minutes, or 10 minutes. The PIR motion sensor has a 180-degree detection angle and adjustable detection distances of 6m, 9.6m, or 12m.

- **Stepless Dimming:** Adjust brightness from 10% to 100% to suit various scenarios and save energy.

- **Constant Lighting & Timer Function:** The floodlight can be set to a constant lighting mode, functioning as a regular floodlight for continuous illumination. Timer settings (1H/2H/3H) are available in constant lighting mode, after which the light automatically switches back to 45-second sensor mode.

- **IP66 Waterproof & Easy Installation:** Designed with IP66 dust and water resistance, making it suitable for both indoor and outdoor use. Simple screw-based wall mounting requires no complex wiring, allowing for easy installation.

夜間も照明
防犯センサーライト・常時点灯可能
屋外でも室内でも

明るさ
7000
ルーメン

照明角度：最大270°

点灯モード
常時点灯モード/人感モード

点灯時間
45秒〜10分連続点灯

検知距離
約6m、9.6m、12m

防塵&防水仕様
IP66

取り付けお勧め高さ：約5-7m

照射範囲：約7〜9m

リモコン付き

10〜12畳

70W PIR LED Security Light

人感 3灯式センサーライト
高輝度・省エネ

工場・倉庫

販売店

家

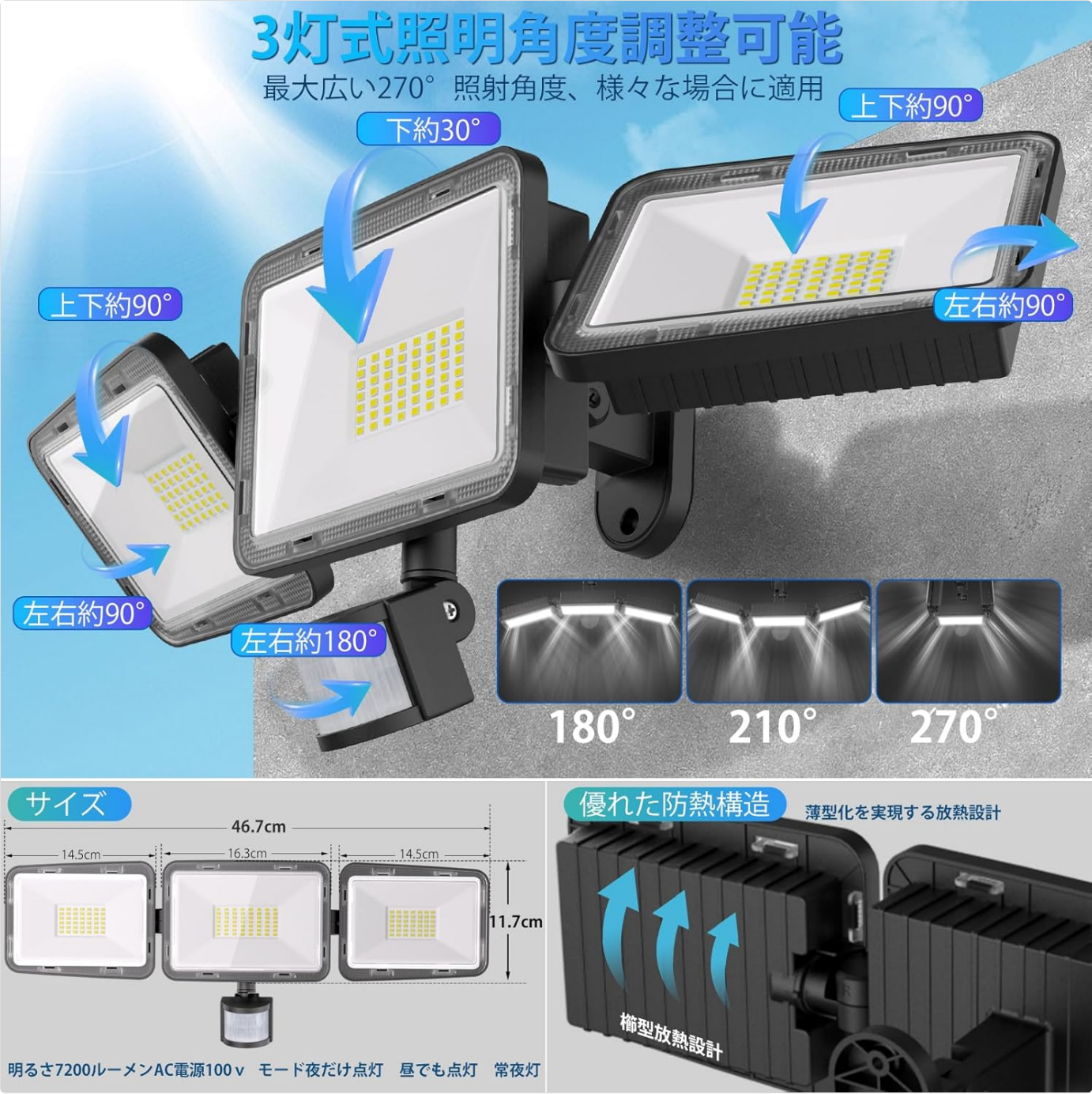Image: Overview of product features including brightness, detection range, and waterproof rating.

Image: Illustration of the adjustable lighting heads and product dimensions.

3. SPECIFICATIONS

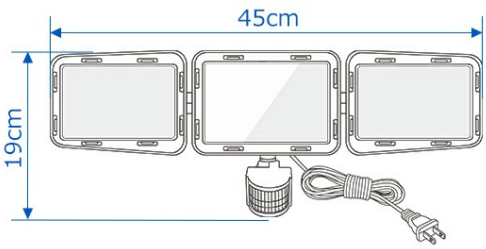| Feature	Specification
Model Number	TSFA0070/70W
Power Source	AC100V 50/60Hz
Power Consumption	Approx. 70W
Color Temperature	Daylight White 6500K
Brightness	7000 Lumens
Lighting Duration Settings	45s / 90s / 120s / 5min / 10min

Feature	Specification
Detection Distance Settings	6m / 9.6m / 12m
Detection Angle	180° (PIR Human Motion Sensor)
Operating Modes	Night Mode / Daylight Mode
Waterproof Rating	IP66
Product Dimensions (approx.)	Width 467mm x Height 135mm
Cord Length	Approx. 1.5m
Operation Method	Remote Control
Material	ABS
Installation Location	Indoor / Outdoor

4. SETUP AND INSTALLATION

The CLY LED Motion Sensor Floodlight is designed for straightforward installation. Follow these steps for secure mounting:

1. **Choose a Location:** Select a suitable indoor or outdoor location. For optimal motion detection, an installation height of approximately 4m-6m is recommended. Ensure the area is well-ventilated and not constantly submerged in water, as this can cause malfunction despite the IP66 rating.

2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall.

3. **Drill Holes:** Drill holes at the marked points. Insert wall anchors if necessary for a secure fit.

4. **Mount the Bracket:** Secure the mounting bracket to the wall using screws.

5. **Attach the Light:** Attach the floodlight unit to the mounted bracket. Ensure it is firmly secured.

6. **Adjust Light Heads:** Adjust the individual light heads to cover the desired illumination area. Each head can rotate 90 degrees vertically and 90 degrees horizontally. The sensor can also be rotated 90 degrees.

7. **Connect Power:** Plug the 1.5m AC power cord into a standard 100V AC outlet.

| ライト本体 | | | 付属品 | | リモコン |

仕様（ライト本体）

全光束	7000lm
検知センサー	PIR人感センサー
点灯時間	45秒/90秒/120秒/5分/10分/常時点灯を設置可能
センサー機能	探知角度：水平約180° 探知範囲：最大約12m(調整可能)
色温度	6000k（昼白色）
コードの長さ	約1.5m
設置場所	屋内/屋外用（防水IP66級）
サイズ(mm)	約幅450x高さ190

リモコンの操作

ON OFF	常時点灯/常時消灯
	稼働モド：夜間点灯モード 全天点灯モード
	無段階調光(10%-100%)
	感知距離調整(6m、9.6m、12m)
45S 90S 120S 5min 10min	点灯時間設定：45秒、90秒、120秒、5分、10分
1H 2H 3H	タイマー機能：1H/2H/3H連続点灯で、その後45秒の人感モードへ戻ります

Image: Step-by-step guide for installing the floodlight on a wall.

5. OPERATING INSTRUCTIONS

The CLY LED Motion Sensor Floodlight is operated primarily using the included remote control. Familiarize yourself with the remote's functions:

Image: Diagram of the remote control and its various buttons for different functions.

Remote Control Functions:

- **ON/OFF Button:** Toggles the light between ON (sensor mode) and OFF.
- **Mode Selection:**
  - **Daylight Mode (Sun icon):** Light activates upon motion detection 24 hours a day.
  - **Night Mode (Moon icon):** Light activates upon motion detection only at night.
- **Brightness Adjustment (Sun +/- icons):** Stepless dimming from 10% to 100%. Press '+' to increase brightness, '-' to decrease.
- **Detection Distance Adjustment (Wave icons):** Select detection range: 6m, 9.6m, or 12m.
- **Lighting Duration Settings (45S, 90S, 120S, 5min, 10min):** Sets how long the light stays on after motion is detected.

- **Constant Lighting Mode (Lightbulb icon):** Activates continuous illumination, bypassing the motion sensor.
- **Timer Functions (1H, 2H, 3H):** When in constant lighting mode, press these buttons to set the light to stay on for 1, 2, or 3 hours. After the set time, the light will automatically switch back to 45-second sensor mode.

Image: Visual explanation of PIR sensor modes (day/night) and lighting duration settings.

Image: Demonstration of constant lighting mode, timer functions, and stepless dimming capability.

6. MAINTENANCE

To ensure the longevity and optimal performance of your CLY LED Motion Sensor Floodlight, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the light fixture and sensor lens with a soft, damp cloth to remove dust, dirt, or debris. Do not use abrasive cleaners or solvents, as they may damage the finish or electronic components.

- **Inspection:** Regularly inspect the power cord for any signs of damage, fraying, or wear. Check the mounting screws to ensure they remain tight and secure.

- **Sensor Clearance:** Ensure that the motion sensor is not obstructed by plants, furniture, or other objects that could interfere with its detection capabilities.

- **Environmental Considerations:** While IP66 rated, avoid installing the light in locations where it will be constantly submerged or exposed to extreme conditions beyond its intended use. Ensure proper ventilation.

7. TROUBLESHOOTING

If you encounter issues with your CLY LED Motion Sensor Floodlight, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty connection, sensor not detecting motion, or incorrect mode.	Check power supply. Ensure the plug is securely connected. Verify remote control battery. Adjust sensor angle and sensitivity. Ensure the light is not in constant OFF mode.
Light stays on continuously.	Constant lighting mode activated, continuous motion in detection area, or sensor malfunction.	Press the ON/OFF button on the remote to switch to sensor mode. Check for constant motion in the detection zone. If the issue persists, contact support.
Light flashes or flickers.	Unstable power supply, loose wiring, or internal component issue.	Ensure stable power. Check all connections. If flickering continues, discontinue use and contact support.
Motion sensor is not sensitive enough or too sensitive.	Detection distance or sensor angle settings are incorrect.	Adjust the detection distance using the remote control (6m, 9.6m, 12m). Reposition the sensor head to optimize the detection area.
Remote control not working.	Remote battery depleted, obstruction, or remote out of range.	Replace the remote control battery. Ensure no obstructions between the remote and the light's sensor. Operate within the 12m control range.

Image: Visual representation of common user concerns and how the sensor light addresses them.

8. WARRANTY AND SUPPORT

CLY provides a 1-year warranty for this product. If you experience any product defects, missing parts, or have any concerns, please do not hesitate to contact us. We are committed to providing excellent customer service.

Contact Methods:

1. **Via Order History:** You can contact the seller directly through your order history.

2. **Via Official Email:** Please contact us through the official email address provided in our company profile.

Our after-sales service covers issues such as image discrepancies, initial defects, malfunctions, and other general concerns. We

ensure quality management and prompt delivery.

Image: Information regarding CLY's after-sales service and 24-month warranty.

Related Documents

	CLY LED Floodlights and Spotlights - Product Overview and Specifications Comprehensive overview of CLY LED floodlights and spotlights, including technical specifications, features, and installation guidance. Featuring durable, high-lumen lighting solutions for outdoor and industrial applications.
	CLY High Voltage Remote Control Induction Floodlight Manual This document provides instructions and specifications for the CLY High Voltage Remote Control Induction Floodlight, model B04-23RFLB-C-A. It covers installation, operation, and technical details for various models.