

EMANER EMR-8040R

EMANER EMR-8040R Remote Control Motion Sensor Outdoor Flood Light User Manual

Model: EMR-8040R | Brand: EMANER

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EMANER EMR-8040R Remote Control Motion Sensor Outdoor Flood Light. Please read this manual thoroughly before installation and use to ensure proper function and safety. This 28W LED flood light offers remote control functionality, tunable white color temperature, dimmable brightness, and two optional lighting modes (Always On or Motion Sensor Activated).

2. PRODUCT FEATURES

- **Remote Control Operation:** Easily adjust brightness, color temperature, and lighting modes without needing to physically access the light fixture.
- **Tunable White & Dimmable:** Select color temperatures from Warm White (3000K), Daylight White (4500K), to Cool White (6000K). Brightness is adjustable from 10% to 100%. Features a memory function to retain settings.
- **Two Lighting Modes:**
 - **Stay On Mode (PC button):** Functions as a normal light, staying on continuously. Brightness and color temperature are adjustable.
 - **Motion Sensor Mode (PIR button):** Activates the motion sensor. Brightness and color temperature are adjustable.
- **Super Bright & Energy Saving:** Generates a maximum of 2800 lumens at 28W, equivalent to a 150W halogen light, reducing electricity consumption.
- **Easy Installation & Weatherproof:** Designed for simple wall, eave, or soffit mounting. IP65 waterproof rating ensures durability in various weather conditions.
- **Ultrasonic Welding Waterproof Technology:** Enhanced protection against rain, sleet, and snow.
- **Durable Design:** Constructed for long-lasting outdoor performance.

3. COMPONENTS INCLUDED

The following components are included in the package:

- EMANER EMR-8040R Flood Light Fixture
- Remote Control
- Cross Bar
- Screws (A, B, C)
- Screw Cover
- Gasket
- All necessary mounting hardware

4. INSTALLATION GUIDE

Before beginning installation, ensure the power supply is turned off at the circuit breaker to prevent electrical shock. It is recommended to have a qualified electrician perform the installation.

Installation Steps:

1. **Prepare the Junction Box:** Use Screw B to fix the cross bar to the junction box.
2. **Attach Gasket:** Stick the gasket to the aluminum cross bar for a secure and weatherproof seal.
3. **Connect Wiring:** Connect the wires as follows:
 - Black wire (L) to Black wire
 - White wire (N) to White wire
 - Green wire to ground wire
4. **Mount the Lamp Body:** Use Screw C to fix the lamp body to the cross bar Screw A through the middle hole. Secure with the screw cover.
5. **Seal Installation:** Apply silicone caulking compound completely around where the back plate meets the wall surface to ensure a waterproof seal.

Your browser does not support the video tag.

Video: EMANER Remote Control Security Light Installation Guide. This video demonstrates the step-by-step process for installing the EMANER flood light, including mounting the crossbar, wiring connections, and securing the fixture.

Freely Adjustable Design

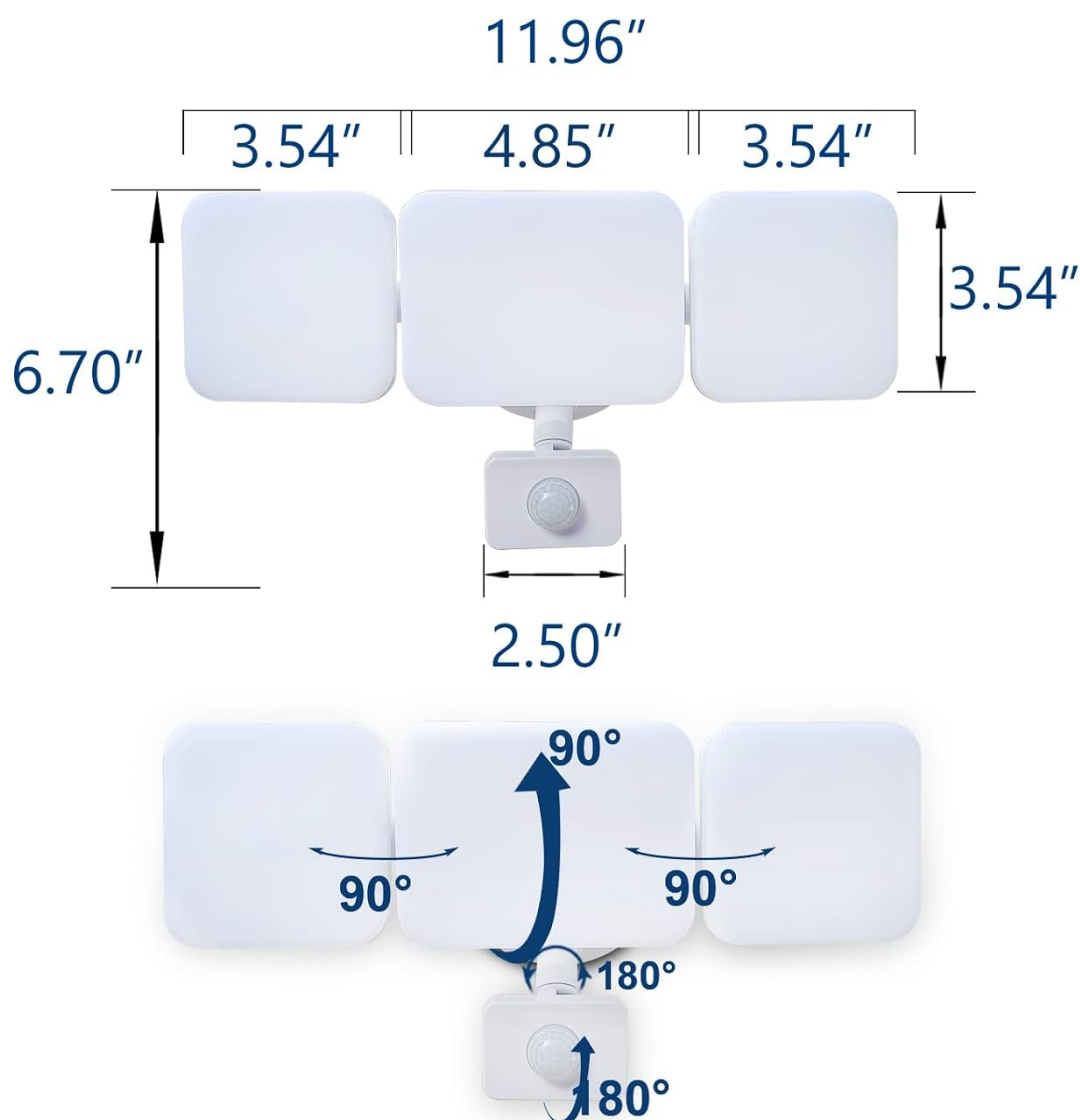


Image: Freely Adjustable Design. This image illustrates the dimensions of the flood light (11.96"L x 5"W x 6.7"H) and the 90-degree adjustable angles for the light heads and 180-degree rotation for the motion sensor, allowing for flexible light direction.

5. OPERATING INSTRUCTIONS

Your EMANER flood light is controlled by a remote. Familiarize yourself with the remote control functions for optimal use.

Remote Controller Functions:

Remote Controller Functions and Instruction

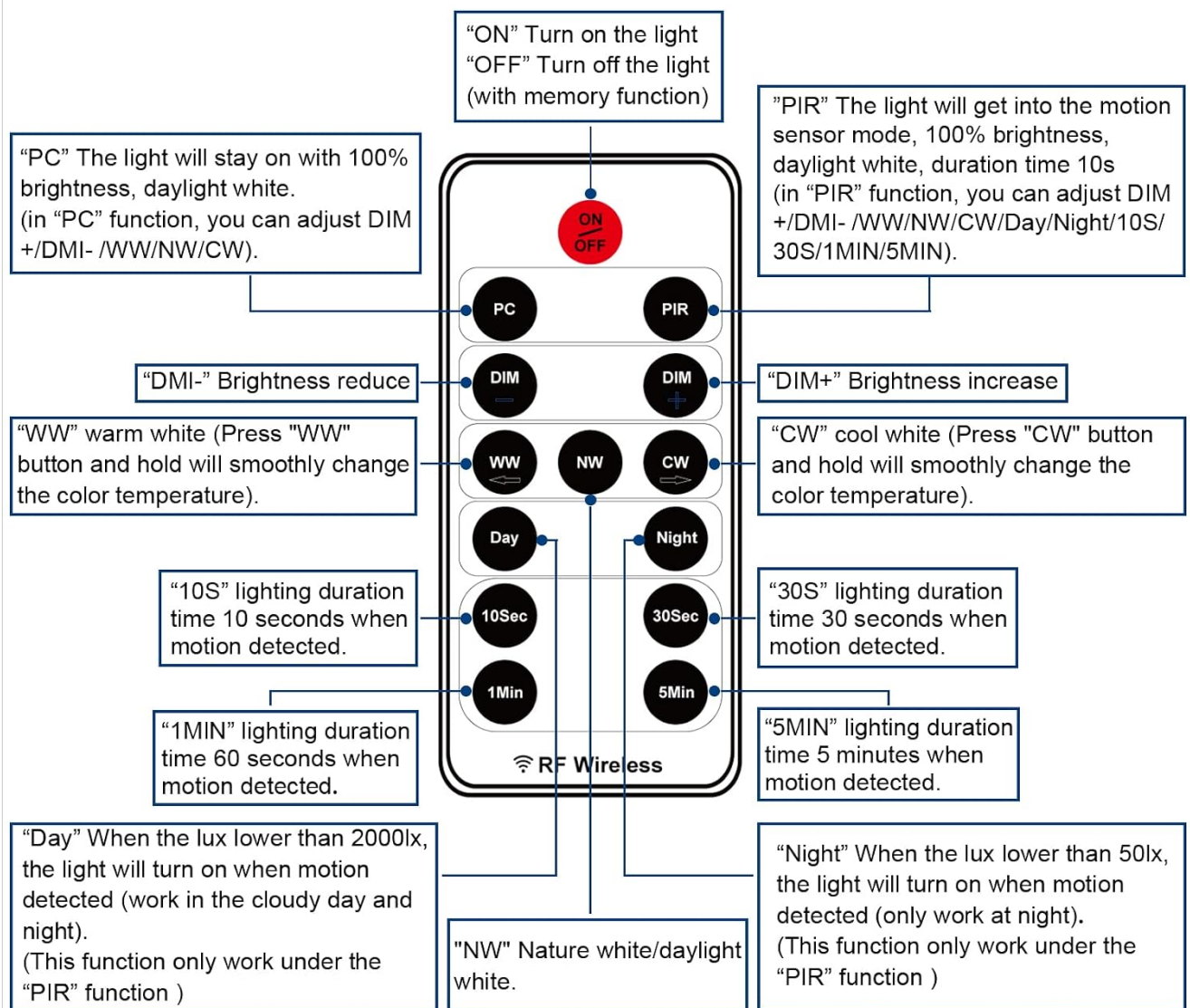


Image: Remote Controller Functions and Instruction. This diagram details each button on the remote control and its corresponding function for operating the flood light.

- **ON/OFF:** Turns the light on or off. The light has a memory function for previous settings.
- **PC (Constant On Mode):** Press to activate the 'Always On' mode. The light will stay on with 100% brightness in daylight white. You can adjust DIM+/DIM- and color temperature (WW/NW/CW) in this mode.
- **PIR (Motion Sensor Mode):** Press to activate the motion sensor mode. The light will turn on with 100% brightness in daylight white for 10 seconds when motion is detected. You can adjust DIM+/DIM-, color temperature (WW/NW/CW), and duration time (10S/30S/1MIN/5MIN) in this mode.
- **DIM-/DIM+:** Decreases or increases brightness (10% to 100%).
- **WW (Warm White):** Press and hold to smoothly change the color temperature to Warm White (3000K).
- **NW (Nature White/Daylight White):** Sets the color temperature to Nature White/Daylight White (4500K).
- **CW (Cool White):** Press and hold to smoothly change the color temperature to Cool White (6000K).
- **10Sec/30Sec/1Min/5Min:** Sets the lighting duration time (10 seconds, 30 seconds, 1 minute, or 5 minutes) when motion is detected in PIR mode.
- **Day:** When the ambient light is lower than 2000 lux, the light will turn on when motion is detected (works in cloudy day and night). This function only works under the PIR mode.

- **Night:** When the ambient light is lower than 50 lux, the light will turn on when motion is detected (only works at night). This function only works under the PIR mode.

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Video: Outdoor Security Lighting Motion Sensor Dusk to Dawn. This video demonstrates the EMANER flood light's motion sensing capabilities and its performance in outdoor settings, showcasing its brightness and coverage.



Image: Smooth Dimming from 0% to 100%. This image visually demonstrates the dimmable feature of the flood light, showing how the brightness can be adjusted from low to full intensity.

Tunable White 2700K-6500K



Image: Tunable White 2700K-6500K. This image illustrates the range of color temperatures available, from warm white to cool white, allowing users to select the desired ambiance.



Press PC: Constant On Mode



Press PIR: Motion Sensor Mode

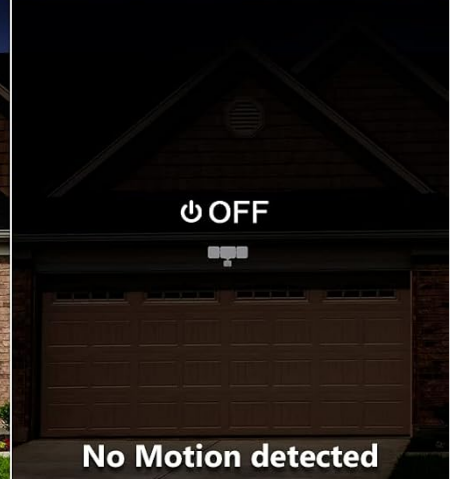
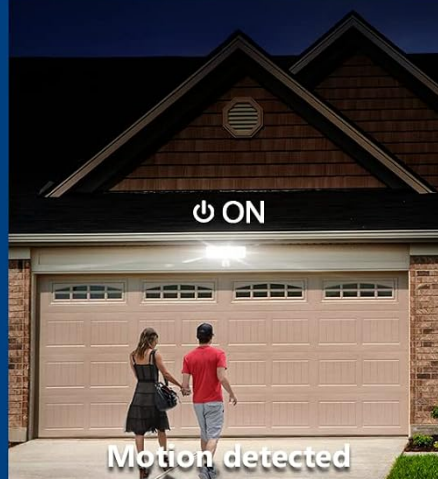


Image: 2 Optional Lighting Modes. This image shows the difference between the 'Constant On Mode' (PC button) where the light stays on, and the 'Motion Sensor Mode' (PIR button) where the light activates upon motion detection.

6. MAINTENANCE

To ensure optimal performance and longevity of your EMANER flood light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Regularly inspect the wiring and mounting hardware for any signs of wear, damage, or looseness. Tighten any loose screws and replace damaged components immediately.
- **Sensor Area:** Keep the motion sensor lens clear of obstructions (e.g., dirt, leaves, spiderwebs) to ensure accurate detection.
- **Sealing:** Check the silicone caulk around the base of the fixture annually and reapply if any cracks or gaps are present to maintain its waterproof integrity.

7. TROUBLESHOOTING

If you encounter issues with your EMANER flood light, refer to the following common troubleshooting steps:

- **Light does not turn on:**
 - Check if the power supply is connected and the circuit breaker is on.
 - Ensure the remote control battery is functional and correctly inserted.
 - Verify that the light is not in 'Night' mode during daylight hours, or 'Day' mode during dark hours if not intended.
- **Motion sensor not detecting:**
 - Ensure the light is in 'PIR' (Motion Sensor) mode.
 - Check for obstructions in front of the sensor lens.
 - Confirm the sensor is aimed correctly and within the specified detection range (Max 26 feet, 180° sensing angle).
 - Adjust the 'Day' or 'Night' settings on the remote to match ambient light conditions.
- **Remote control not responding:**
 - Replace the remote control battery.
 - Ensure there are no physical obstructions between the remote and the light fixture.
- **Light flickers or dims unexpectedly:**
 - Check for loose wiring connections.
 - Ensure the power supply is stable.

If these steps do not resolve the issue, please contact EMANER customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	EMANER
Model Name	EMR-8040R
Color	White Fixture
Material	Plastic
Light Fixture Form	Floodlight
Product Dimensions	11.96"L x 5"W x 6.7"H
Indoor/Outdoor Usage	Outdoor
Power Source	AC
Installation Type	Flush Mount
Control Method	Remote
Light Source Type	LED
Voltage	120 Volts
Light Color	Cool White, Daylight White, Warm White (selectable CCT)

Wattage	28 watts
Brightness	2800 Lumen (Max)
Water Resistance Level	Waterproof (IP65)
Connectivity Protocol	Infrared
Color Temperature	3000K-6000K (Tunable)
Color Rendering Index (CRI)	80.00
Average Life	50000 Hours

9. WARRANTY

The EMANER EMR-8040R Remote Control Motion Sensor Outdoor Flood Light comes with a **Lifetime Warranty**. Please retain your proof of purchase for warranty claims.

10. SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your EMANER product, please contact EMANER customer support. You can typically find contact information on the product packaging or by visiting the official EMANER brand store online.

Visit the EMANER Store: [EMANER Official Store](#)