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HYDONG BRFL-FLO3

HYDONG Outdoor LED Flood Light Instruction Manual

Model: BRFL-FLO3 | Brand: HYDONG

Introduction

Thank you for choosing the HYDONG Outdoor LED Flood Light. This product is designed to provide versatile lighting solutions with RGB color changing capabilities, warm white light, dimming, and a 24-hour timer function. Its IP66 waterproof rating ensures reliable performance in various outdoor and indoor environments. Please read this manual carefully before installation and operation to ensure safe and optimal use.

Safety Information

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure the power source voltage matches the product's requirements (110 Volts).
- Do not operate the light with a damaged cord or plug.
- Avoid looking directly into the LED light source when it is on.
- Keep the product away from flammable materials.
- This product is IP66 waterproof, suitable for outdoor use, but should not be submerged in water.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.

Package Contents

- 1 x HYDONG Outdoor LED Flood Light (RGBW-50W-1Pack)
- 1 x Remote Control (1 CR2 battery included)
- 1 x Instruction Manual

Specifications

Feature	Specification
Brand	HYDONG

Feature	Specification
Model Number	BRFL-FLO3
Power	50 Watts (500W Equivalent)
Brightness	5000 Lumens
Color Temperature	2700 Kelvin (Warm White) + RGB
Voltage	110 Volts
Water Resistance Level	IP66 Waterproof
Control Method	Remote Control
Power Cord Length	1.8 meters (US 3-Plug)
Material	Tempered Glass, Aluminum
Item Weight	1.65 pounds
Dimensions	9.21 x 5.75 x 2.68 inches

Setup and Installation

Mounting the Flood Light

The HYDONG LED Flood Light features a 180° adjustable bracket for flexible installation. It can be wall-mounted, ceiling-mounted, or placed on the ground. Ensure the mounting surface is stable and can support the weight of the fixture.

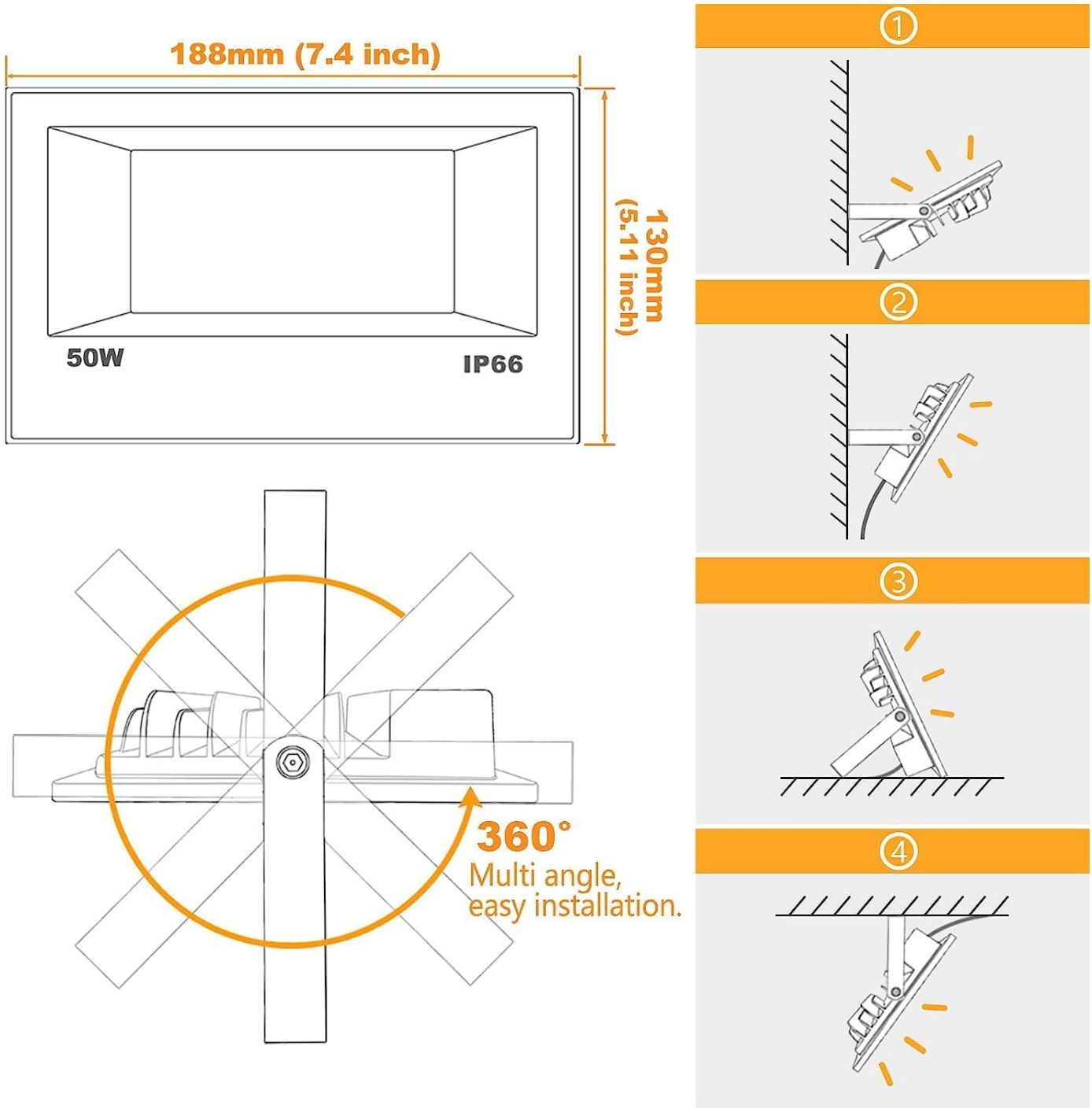


Figure 1: Installation Diagram with 360° Multi-angle Adjustment



Figure 2: HYDONG LED Flood Light illuminating a house exterior

Power Connection

Connect the 1.8m power cord with the US 3-plug to a standard 110V AC power outlet. Ensure the connection is secure and protected from moisture, especially for outdoor installations.

Operating Instructions

Remote Control Overview

The flood light is operated using the included remote control. Familiarize yourself with the buttons for various functions:



Figure 3: Remote Control Layout

Power On/Off

Press the **ON** button to turn the light on and the**OFF** button to turn it off.

Color Selection

Use the color buttons on the remote to select from 120 RGB colors or 2700K warm white light. The light also supports color mixing.

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Video 1: Demonstration of RGBW color changing and remote control functions.

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Video 2: Demonstration of warm white and RGB functions of the floodlight.

Brightness Adjustment

Use the **Dim Up** and **Dim Down** buttons to adjust the brightness of the selected color or warm white light.

Timing Function

The 24-hour timer allows you to set the light to automatically turn on and off at a fixed time each day. Once set, the light will repeat the schedule daily.



Figure 4: Timing Function Setup

Preset Modes

The remote control includes 5 preset modes: DIY-FLASH, Smooth, Romantic, Cozy, and Fresh. Select these modes for dynamic lighting effects.



Figure 5: Preset Lighting Modes

Custom Modes (DIY)

You can create and save your own custom color settings using the DIY buttons. This allows for personalized lighting effects.



Figure 6: DIY Color Settings

Memory Function

The RGBW outdoor flood light remembers the last setting used, so it will power on to your preferred color and mode.



Figure 7: Memory Function

Maintenance

- **Cleaning:** Ensure the light is off and cool before cleaning. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord and plug for any damage. Ensure all mounting screws are tight.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power, remote control battery low, remote not aimed at sensor.	Check power connection. Replace remote battery. Aim remote directly at the light's IR signal acceptor.
Remote control not responding.	Remote control battery low or depleted, obstruction between remote and light.	Replace the CR2 battery in the remote. Ensure a clear line of sight to the light's sensor.
Colors are not accurate or consistent.	Interference from other IR devices, light fixture issue.	Move away from other IR devices. If problem persists, contact customer support.
Timing function not working.	Incorrect timer setting, power interruption.	Re-set the 24-hour timer. Ensure continuous power supply.

Warranty and Support

This HYDONG LED Flood Light comes with a 2-year guarantee warranty. Additionally, Amazon customers are eligible for a 90-day money-back policy. If you encounter any issues or have questions regarding your product, please contact us directly through your Amazon account:

[Your account > Your orders > Problem with the order > Contact the seller]

Our customer service team is committed to resolving any problems as quickly as possible.

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Details

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