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HYDONG BR18-SH4Q

HYDONG B22 10W RGBW LED Light Bulb Instruction Manual

Model: BR18-SH4Q

Introduction

Thank you for choosing the HYDONG B22 10W RGBW LED Light Bulb. This bulb offers versatile lighting options with its RGBW capabilities, allowing for both vibrant mood lighting and bright daylight white illumination. It features dimming, 12 color choices, two lighting modes (Flash & Smooth), and convenient timing functions, all controllable via the included 21-key remote. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your light bulb.

Safety Information

- Ensure the power is turned off before installing or replacing the bulb.
- This bulb is designed for indoor use only.
- Do not disassemble or modify the bulb.
- Avoid exposing the bulb to direct water or high humidity.
- Keep the remote control away from children.
- The bulb operates on AC 85-265V input. Ensure your power supply is within this range.
- No flicker design protects eye vision.

Product Overview

The HYDONG B22 10W RGBW LED Light Bulb combines independent 5700K Daylight White chips and RGB chips to provide a wide range of lighting options. The package includes:

- 1 x HYDONG B22 10W RGBW LED Light Bulb
- 1 x 21-Key IR Remote Control



Image: Comparison showing the enhanced brightness of RGB+W (Our products) compared to standard RGB (other products) for white light.

Setup

Bulb Installation

1. Ensure the power supply to the light fixture is turned off at the main switch.
2. Carefully insert the B22 bayonet base of the HYDONG LED bulb into the lamp holder.
3. Twist the bulb clockwise until it is securely locked into place.
4. Turn on the power supply to the light fixture. The bulb should light up in its default setting.

Remote Control Preparation

The 21-key IR remote control typically comes with a battery pre-installed, often with a plastic tab to prevent discharge. Remove this tab before first use. Point the remote directly at the bulb for optimal control.

Operating Instructions

The HYDONG LED bulb is controlled using the provided 21-key IR remote control. Familiarize yourself with the remote's layout:

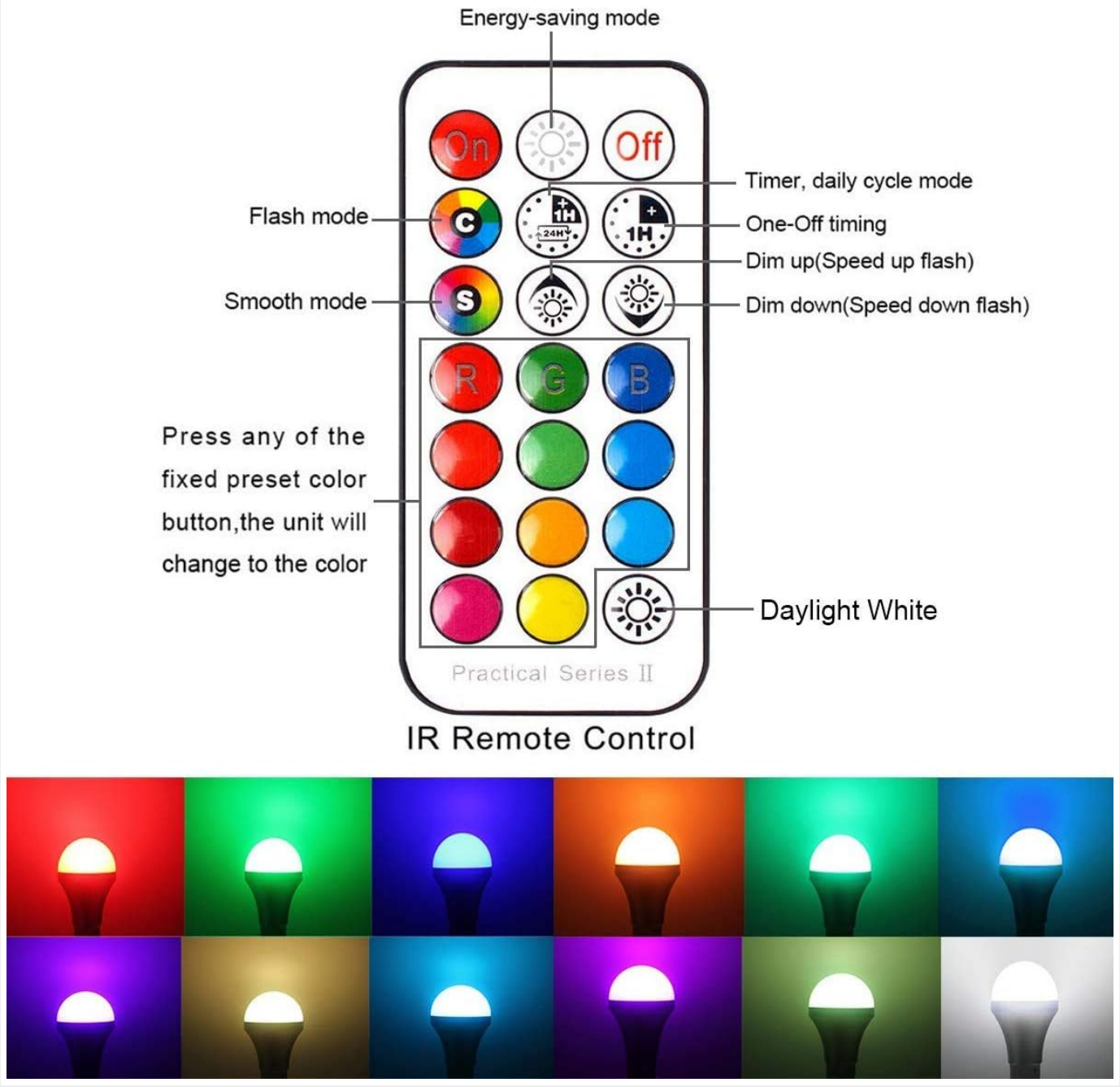


Image: Diagram of the 21-key IR remote control, showing buttons for On/Off, Flash mode, Smooth mode, Dim up/down, Timer, One-Off timing, Daily cycle timing, 12 color choices, and Daylight White.

Basic Functions

- **On/Off:** Press the **On** button to turn the bulb on, and the **Off** button to turn it off.
- **Brightness Adjustment:** Use the **Dim Up** (sun icon with plus) and **Dim Down** (sun icon with minus) buttons to adjust the brightness of the current color or white light. There are 4 brightness levels available.

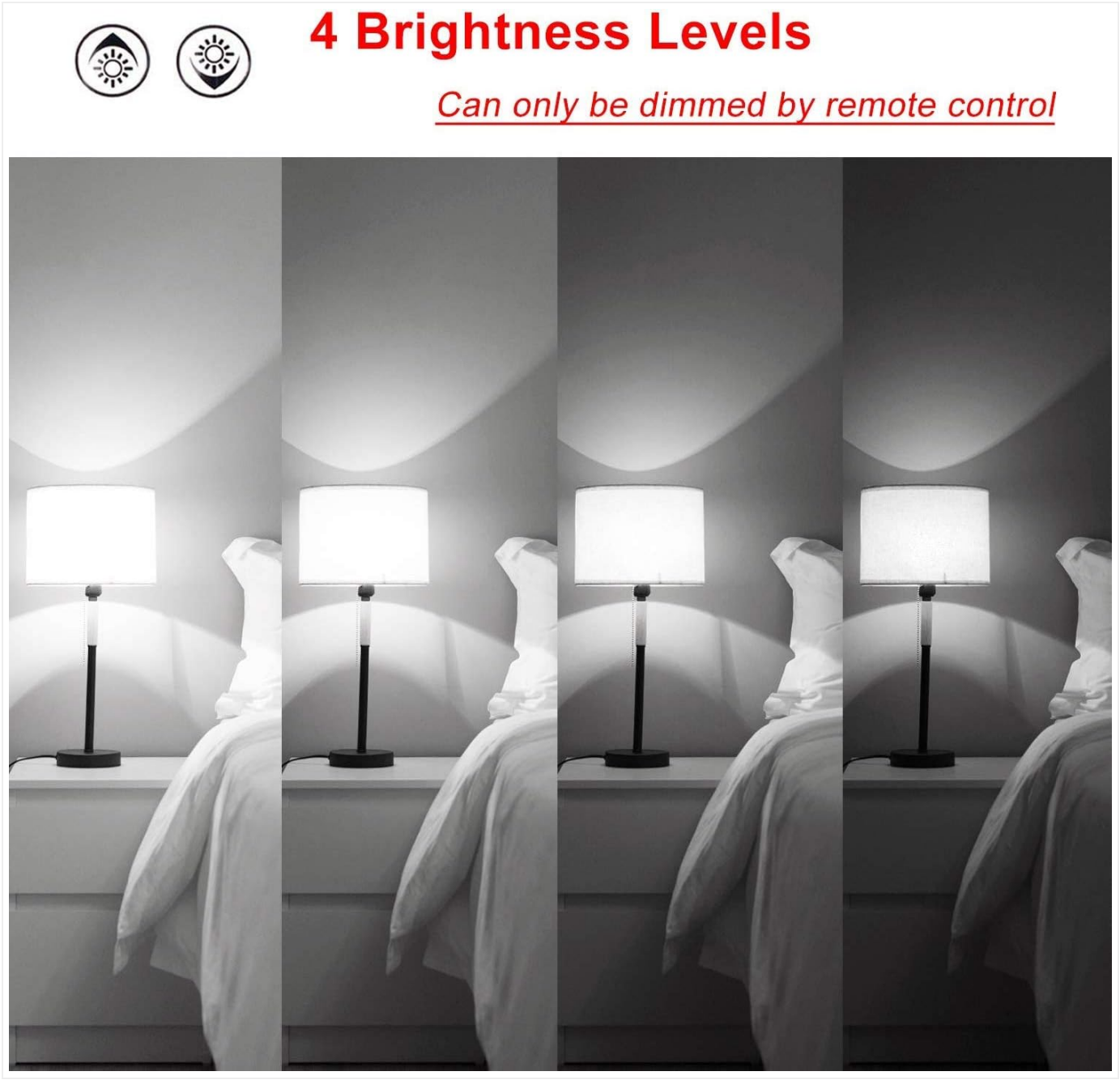


Image: Visual representation of the four distinct brightness levels achievable with the remote control.

Color and Mode Selection

- **Daylight White:** Press the **Daylight White** button (sun icon) to switch to a bright 5700K white light, suitable for daily illumination.
- **Color Choices:** Select from 12 preset colors by pressing the corresponding color buttons on the remote.
- **Flash Mode:** Press the **Flash** button (C icon) for a dynamic, rapid color-changing effect. The speed can be adjusted using the Dim Up/Down buttons.
- **Smooth Mode:** Press the **Smooth** button (S icon) for a gradual, continuous transition between colors. The speed can be adjusted using the Dim Up/Down buttons.



Image: Examples of the bulb's versatile lighting capabilities in different settings, showcasing various colors and brightness levels.



Image: Four panels illustrating different application scenarios for the bulb: Entertainment, Leisure, Commercial, and Household, demonstrating its adaptability.

Advanced Functions

- **Memory Function:** The bulb will remember the last color or mode used when turned off and on again via a wall switch.
- **Synchronization Function:** When using multiple HYDONG bulbs in the same fixture (e.g., chandeliers), one remote control can synchronize their color changes and modes, ensuring consistent lighting effects.
- **Timing Function:** The bulb offers two timing modes:
  - **One-Off Timing:** Press the **1H** button (clock icon with '1H') once to set the bulb to turn off automatically after 1 hour. Press twice for 2 hours, and so on, up to 23 hours.
  - **Daily Cycle Timing:** Press the **24H** button (clock icon with '24H') to set a daily recurring timer. For example, if you set it at 7:00 AM for 1 hour, the light will turn off at 8:00 AM and then automatically turn on again at 7:00 AM the next day.



Image: Explanations for the One-off timing (e.g., turn off after 1 hour) and Daily cycle timing (e.g., turn on at 7:00 AM daily) features.

Maintenance

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the bulb for an extended period, keep it in a cool, dry place away from direct sunlight.

Troubleshooting

- **Bulb not turning on:**
  - Check if the power supply to the fixture is on.
  - Ensure the bulb is securely screwed into the lamp holder.
  - Test the bulb in another working fixture to rule out a faulty bulb.
- **Remote control not working:**

- Ensure the plastic tab has been removed from the battery compartment.
- Replace the remote control battery if necessary.
- Make sure there are no obstructions between the remote and the bulb.
- Ensure you are within the effective range of the remote control.

- **Colors are incorrect or not changing:**
  - Ensure the remote control is pointed directly at the bulb.
  - Try turning the bulb off and on again using the remote or wall switch.

Specifications

Feature	Specification
Brand	HYDONG
Model Number	BR18-SH4Q
Light Type	LED
Wattage	10 Watts
Incandescent Equivalent	60 Watts
Light Color	RGBW (Red, Green, Blue, White)
Voltage	AC 85-265V (Accepted voltage frequency: 100 to 240 Volts and 60 Hertz)
Color Temperature (White)	5700 Kelvin
White Brightness	800 Lumens
Control Method	IR Remote Control
Base Type	B22 Bayonet
Color Rendering Index (CRI)	85.00
Product Dimensions	4.72 x 2.44 x 2.6 inches (12 x 6.2 x 6.6 cm)
Item Weight	3.52 ounces (0.1 Kilograms)
Special Features	Dimmable, Color Changing, Memory Function, Synchronization Function, Timing Function, No Flicker



Image: Comparison illustrating how a Color Rendering Index (CRI) of 80 accurately displays object colors compared to a CRI of 70.

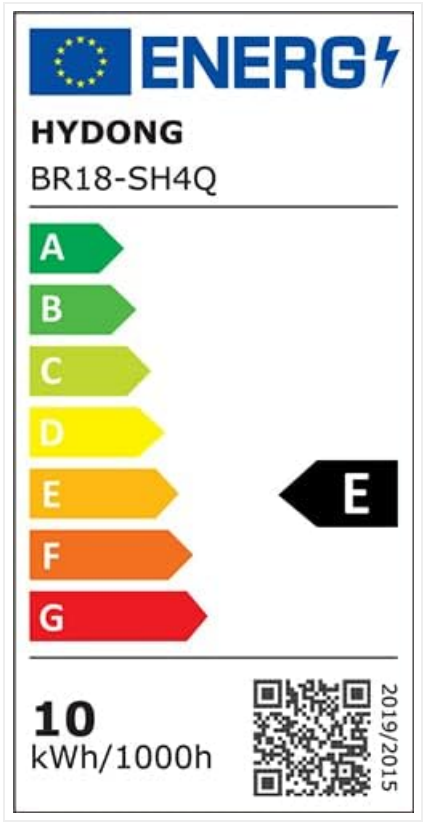


Image: EU Energy Label for the HYDONG BR18-SH4Q LED bulb, indicating an energy efficiency class E and 10 kWh/1000h consumption. For more details, visit the official EPREL database: https://eprel.ec.europa.eu/qr/1039487

Warranty and Support

HYDONG products are manufactured with high quality standards. For any issues, questions, or support needs regarding your HYDONG B22 10W RGBW LED Light Bulb, please contact the retailer or manufacturer directly. Please refer to your purchase documentation for specific warranty terms and contact information.

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Question

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Details

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

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