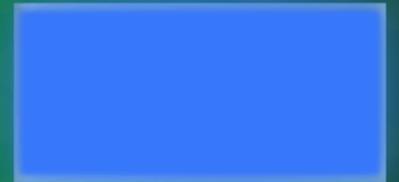


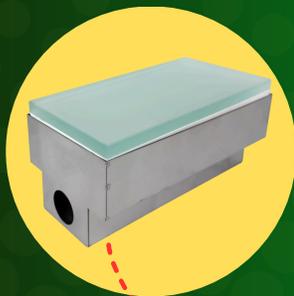
# CRGB1 RGBW WELL LIGHT



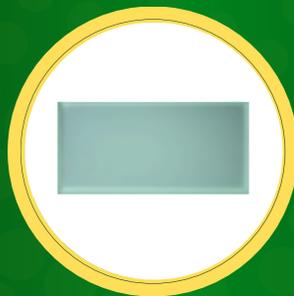
## INSTALLATION GUIDE

ABBA LIGHTING USA

# CRGB RGBW WELL LIGHT



HEAVY DUTY CAST ALUMINUM BODY



WHITE FROSTED TEMPERED GLASS



72.8 LUMENS



## TRAFFIC RATED FEATURE



## REQUIRES DMX CONTROLLER

# CRGB1 RGBW WELL LIGHT



Thank you for choosing our high-quality product. To ensure the best possible experience, please take a moment to carefully read and follow all instructions before assembly, installation, and use. Doing so will not only guarantee proper function and safety but also help you maximize the full potential of this exceptional product. We truly appreciate your business and are honored to be your trusted provider of top-notch products!



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# WARNING

## TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS:

- ✓ Please exercise caution when using the lamp, as it tends to HEAT up rapidly. We recommend taking necessary safety measures to ensure optimal usage.
- ✓ For your safety, please refrain from touching the HOT lens, guard, or enclosure. We recommend waiting for the product to cool down before handling it.
- ✓ To prevent any fire hazards, please ensure that the lamp is kept away from materials that may easily catch fire. We appreciate your cooperation in maintaining a safe and secure environment.
- ✓ For safety reasons, we recommend that only a qualified professional install this electrical product.
- ✓ Before attempting to install this unit, ensure all power connections are off for your own safety.

# WARRANTY

- We stand behind the quality of our product and offer a 2 year warranty. Kindly ensure that you keep the proof of purchase as it will be required for any warranty claims.
- Warranty will be void if there is any damage due to improper usage or modification to the fixture.
- Failure to comply with the instruction in this manual may increase the risk of damage or injury and will void warranty.



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# CAUTION:

**FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.**

**DO NOT INSTALL WITHIN 10 FEET OF A POOL, SPA OR FOUNTAIN**

## PRODUCT OVERVIEW

Transform your outdoor spaces with the CRG31 RGBW Brick Light, a high-performance, weather-resistant, and energy-efficient lighting fixture designed for modern landscaping and architectural applications. With its RGB color-changing capabilities, heavy-duty aluminum construction, and seamless integration into various outdoor settings, this fixture is the perfect choice for both residential and commercial projects.

Whether you're looking to add a soft, ambient glow to pathways or create a vibrant, dynamic lighting effect for special occasions, the CRG31 RGBW Brick Light offers superior illumination, durability, and versatility.

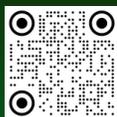
### Premium-Grade Construction – Built to Last in Any Environment

The CRG31 RGBW Brick Light is crafted from heavy-duty cast aluminum, ensuring exceptional durability and resistance to harsh outdoor conditions. Designed for long-term performance, this fixture is built to withstand rain, snow, humidity, and temperature fluctuations, making it a perfect choice for year-round outdoor lighting.

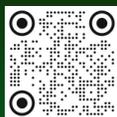
The fixture is also coated with a corrosion-resistant finish, ensuring that it maintains its sleek, modern appearance over time. Unlike traditional brick lights that may degrade over time, the CRG31 is engineered for longevity, delivering high-performance illumination without frequent maintenance or replacements.

### Dynamic RGBW Color-Changing Technology – Customizable Lighting Effects

The CRG31 RGBW Brick Light is equipped with state-of-the-art RGBW LED technology, allowing you to create a fully customized lighting experience. Whether you want a warm, inviting glow for everyday use or vibrant, colorful effects for special events, this fixture offers an infinite spectrum of color possibilities.



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With smooth color transitions and customizable settings, you can effortlessly set the mood for any occasion. Perfect for landscape designs, entertainment spaces, and commercial areas, the CRG31 offers an unparalleled lighting experience.

## RGB Features Include:

Full-color spectrum – Choose from colors for unique lighting effects

Smooth transitions & dimming options – Adjust brightness and fading effects

Customizable lighting scenes – Set pre-programmed or dynamic lighting modes

Perfect for festive, ambient, or security lighting

## Energy-Efficient & High-Performance LED Technology

Designed with advanced LED chips, the CRG31 RGBW Brick Light delivers superior brightness while consuming minimal energy. Compared to traditional lighting solutions, this fixture offers up to 80% energy savings, reducing electricity costs while providing a brighter, more efficient lighting solution.

With a lifespan exceeding 50,000 hours, this low-maintenance fixture ensures years of reliable operation without the hassle of frequent bulb replacements.

Energy-efficient LEDs – Reduce power consumption without compromising brightness

Long lifespan (30,000+ hours) – Exceptional longevity for years of use

Low-heat operation – Safe and efficient LED performance



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## Technical Specifications – High-Quality Performance You Can Rely On

- Material: Heavy-duty cast aluminum
- Light Source: Integrated RGBW LED
- Color Options: Full RGB spectrum (millions of colors)
- Lifespan: 30,000+ hours
- Voltage: Low-voltage operation for safety and efficiency
- Weatherproof Rating: IP65 (dustproof and waterproof for all-weather use)
- Installation: Easy surface-mount design for seamless integration into outdoor spaces
- Dimensions: Designed to fit standard brick light openings

## Ideal Applications – Enhance Any Outdoor Space

The CRG31 RGBW Brick Light is perfect for a wide range of outdoor applications, including:

Pathways & walkways – Illuminate footpaths with a sleek, modern glow

Driveways & patios – Add ambiance and safety to outdoor gathering areas

Retaining walls & hardscapes – Enhance architectural features with customizable lighting



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Garden landscapes – Highlight plants, trees, and decorative elements

Commercial plazas & public spaces – Improve visibility and aesthetics

Hospitality & entertainment venues – Create an inviting atmosphere for guests

Deck & pool areas – Waterproof design ensures safe and stylish illumination

## Why Choose the CRG31 RGB Brick Light?

Premium, weather-resistant aluminum housing – Built to withstand harsh environments

Full RGBW color control – Create customized lighting effects for any occasion

Energy-efficient LED technology – Save on electricity while enjoying superior brightness

Long-lasting durability – 30,000+ hour lifespan ensures years of performance

Seamless installation – Easy to integrate into new or existing outdoor spaces



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## Easy Installation & Low Maintenance

Designed for effortless installation, the CRG31 RGBW Brick Light features a simple surface-mount system that allows for quick and hassle-free setup. Compatible with standard low-voltage landscape lighting systems, this fixture is ideal for both new construction and retrofit projects.

With its low-maintenance LED technology and durable construction, you can enjoy brilliant outdoor lighting without constant upkeep.

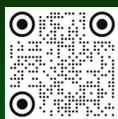
Experience the perfect combination of durability, energy efficiency, and customizable illumination with the CRG31 RGB Brick Light. Whether you're looking to enhance safety, highlight architectural elements, or create a stunning lighting display, this fixture is the ideal choice.



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# INSTALLATION GUIDE FOR CRG31 RGBW

## STEP-BY-STEP INSTALLATION INSTRUCTIONS

### Step 1: Plan Your Layout

**Determine Placement:** Choose the path or area where the lights will be installed. Measure the distance between lights to ensure even illumination.

- **Consider Power Source:** Ensure that the well light can be connected to a suitable power source.
- The fixture is designed to be embedded in a brick wall, pathway, step, or similar structure.

### Step 2: Check the Power Supply:

- Confirm that your 12V transformer can handle the total wattage of all connected fixtures.
- If using multiple brick lights, distribute power accordingly to avoid voltage drops.

### Step 3: Prepare the Mounting Surface:

- If installing in an existing brick slot, ensure the area is clean and clear.
- If cutting into a solid surface, use a drill and masonry bit to create a mounting slot.



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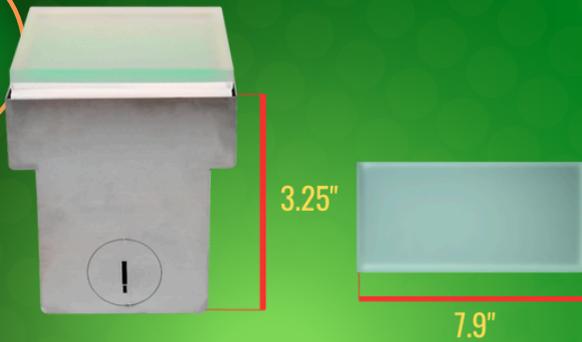
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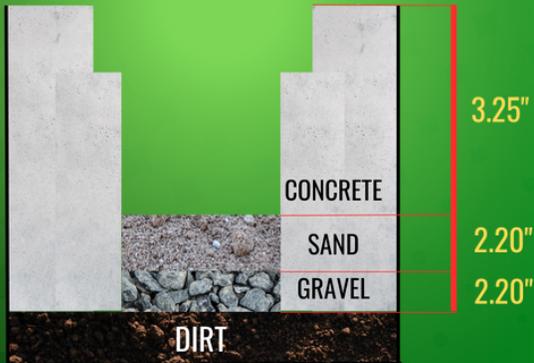
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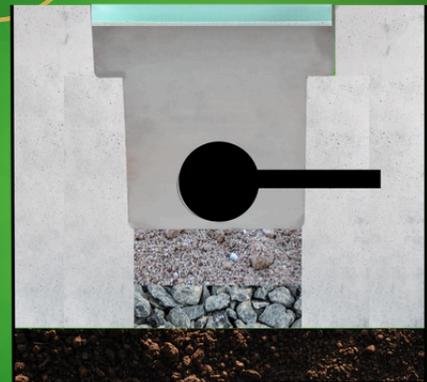
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# INSTALLATION GUIDE FOR CRG31 RGBW

## Step 4: Wiring the Fixture

Identify the Fixture Wires:

Ensure the proper connection of the wires based on their colors and use wire nuts to securely fasten the connections

-  **Brown +12VAC/DC**
-  **Blue -12VAC/DC**
-  **Red A+**
-  **White B-**
-  **White Ti-**

**REQUIRES**  
**DMX 31 12V DC 120W LED**  
**POWER SUPPLY BRICK**  
**LIGHT CONTROL**  
**(SOLD SEPARATELY)**



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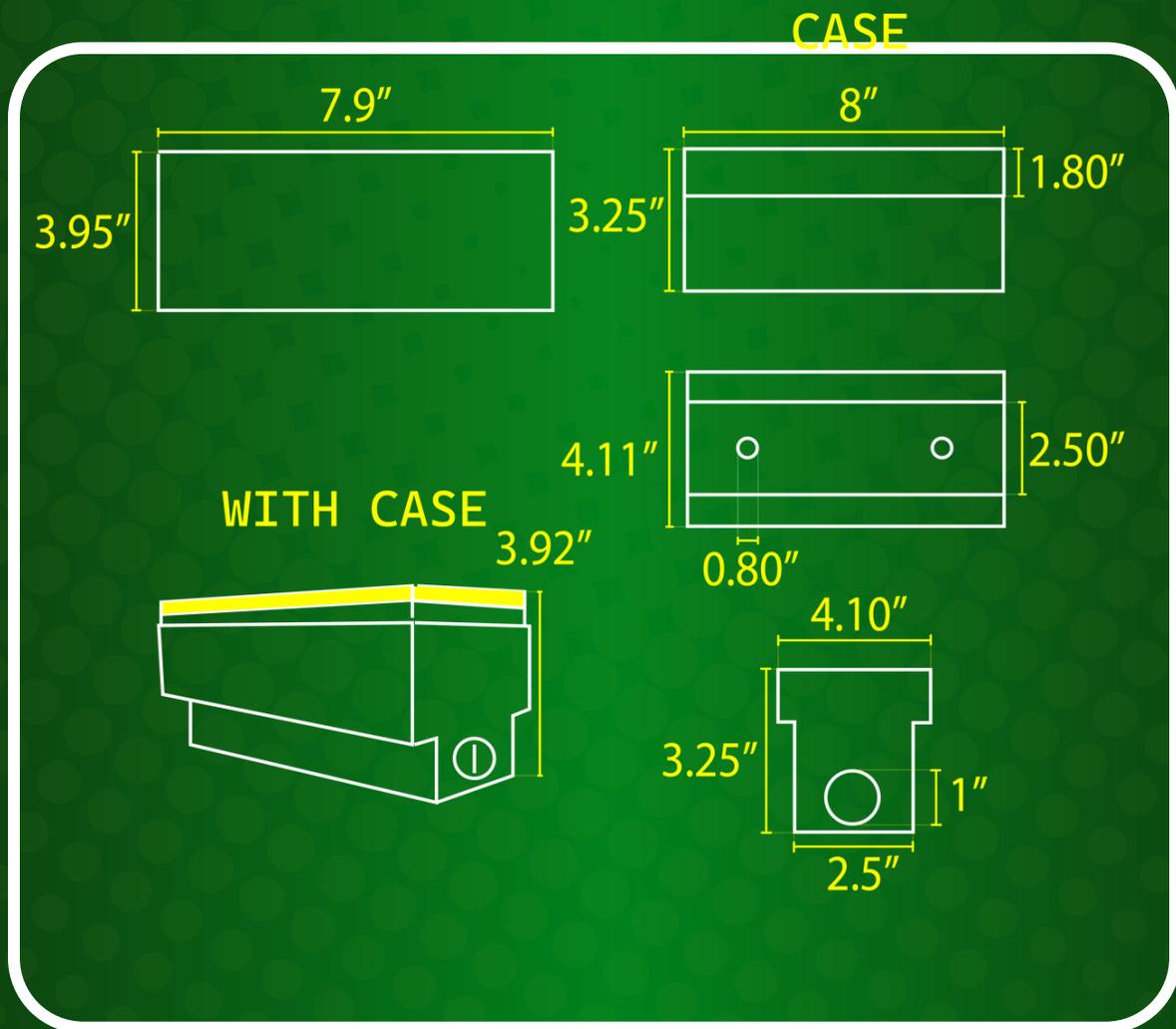


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# INSTALLATION GUIDE FOR CRG31 RGBW

## Step 5: Final Light Check

- **Power On:** Once everything is connected, turn on the power to the fixture.
- **Check Illumination:** Verify that the light is functioning properly and provides adequate illumination for the area..
- **After setup is complete, you can easily adjust the color temperature to match your preferences.**



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## MAINTENANCE TIPS

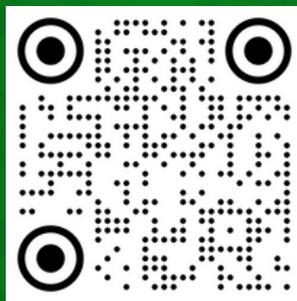
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

## SAFETY PRECAUTIONS

- Always wear appropriate safety gear, such as gloves and safety glasses, during installation.
- Ensure the mounting surface is capable of supporting the weight of both the bracket and the lighting fixture.

## ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "**CRG31 RGBW**"



Please visit our website for more of our products.

[www.ABBALightingUSA.com](http://www.ABBALightingUSA.com)



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# CRG31 RGBW

WELL LIGHT

