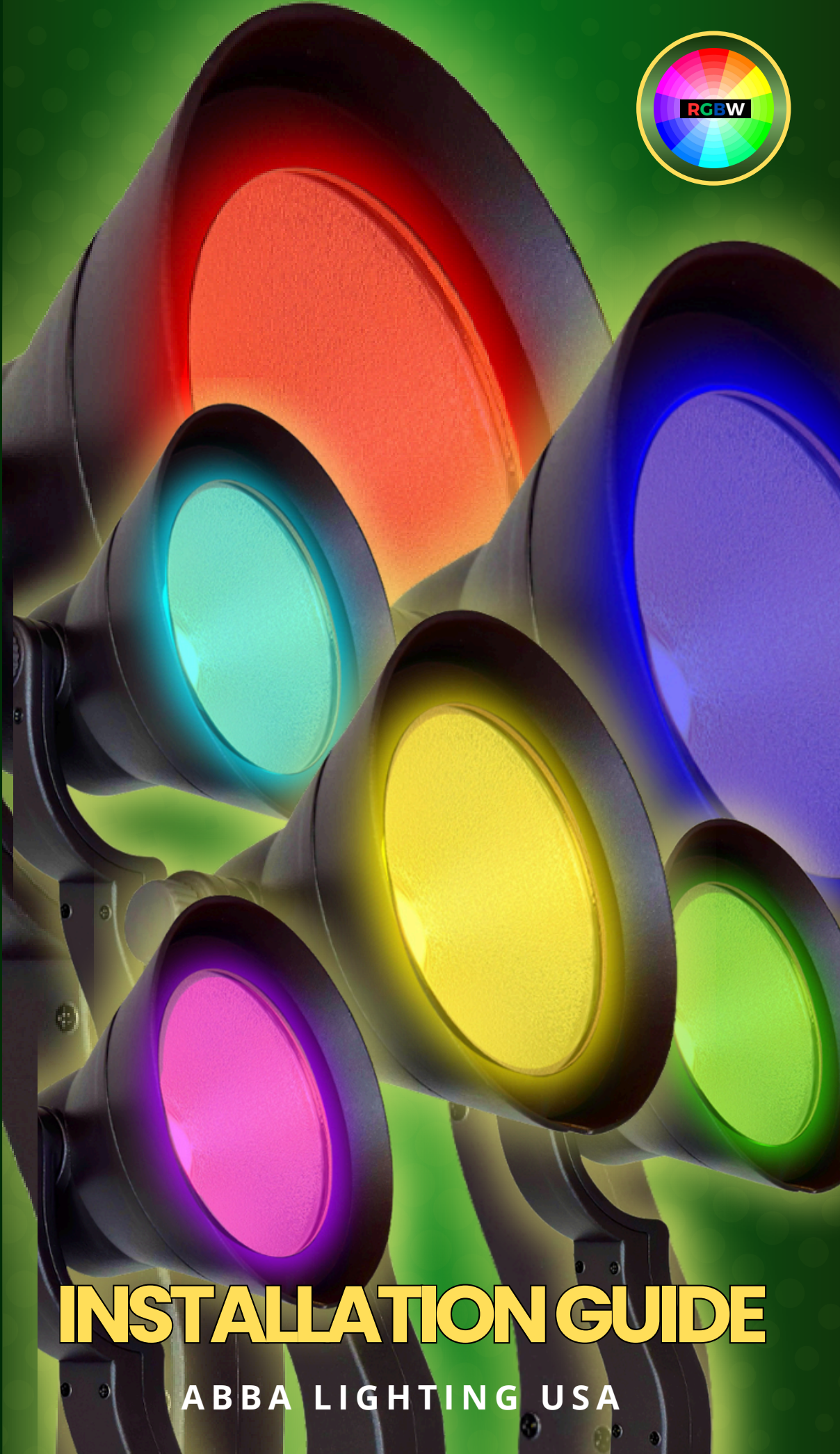


CDRA95

SPOT LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

CDRA95 SPOT LIGHT



**ADJUSTABLE ANGLE TO SUIT YOUR PREFERENCES AND
ACHIEVE THE DESIRED ORIENTATION**



**THE DESIGN INCORPORATES
FEATURES THAT EFFECTIVELY
PREVENT WATER BUILD UP,
ENSURING OPTIMAL
PERFORMANCE AND DURABILITY**

**THE FIXTURE IS EQUIPPED WITH A
HEAT-RESISTANT GLASS LENS,
DESIGNED TO WITHSTAND HIGH
TEMPERATURES WHILE ENSURING
LONG-LASTING DURABILITY AND OPTIMAL
PERFORMANCE.**



CDRA95 SPOT LIGHT



EASY ACCESS
SWITCH FOR COLOR
TEMPERATURE
ADJUSTMENT



COMPATIBLE WITH



AND



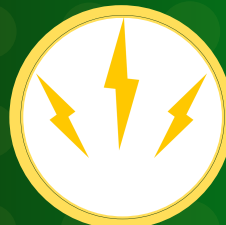
HEAVY DUTY CAST
ALUMINUM BODY



HEAVY DUTY
GROUND
SPIKE INCLUDED



20" WIRE
INCLUDED



CDRA95

SPOT LIGHT

65° BEAM ANGLE



BRONZE FINISH

10W LED BUILT-IN
CONSTANT LED DRIVER



650 LUMENS



CDRA30



SPOTLIGHT



ABBA

LIGHTING USA

12V Landscape Light Specialist

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

- **Durable Construction:** Crafted from heavy-duty cast aluminum with a bronze finish, this spotlight is built to withstand the elements, ensuring longevity and consistent performance.
- **Advanced RGBW Lighting:** Equipped with a 10W integrated LED, delivers a high efficacy output of 650 lumens. Enjoy a spectrum of color combinations, including a 3000K warm white, allowing you to set the perfect mood for any occasion.
- **Smart Wi-Fi Control:** Seamlessly integrate the spotlight with your smartphone via Wi-Fi, compatible with both iOS and Android devices. Access various modes such as Music Mode, Voice Mode, RGBW Mode, RGB Scenes, and Timer functions to customize your lighting experience effortlessly.
- **Weatherproof Design:** With an IP65 waterproof rating, the CDRA95-RGBW is engineered to perform reliably in various weather conditions, making it suitable for year-round outdoor use.

TOOLS & MATERIALS NEEDED

Tools:

- Shovel or trowel
- Wire stripper
- Screwdriver
- Tape measure

Materials:

- CDRA95 Spot Light
- Ground stake (included)
- Electrical connectors (for hardwiring)
- Low-voltage transformer (for low-voltage systems)
- WN12 Wire nuts (Sold Separately)



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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. A typical spacing is 6–10 feet apart, depending on the desired light spread.
- **Consider Power Source:** Ensure that the path light can be connected to a suitable power source.

Step 2: Prepare the Ground

- **Dig the Hole:** Using a shovel or trowel, dig a hole where you want to install the path light. The hole should be deep enough to accommodate the ground stake.
- **Ensure Stability:** Make sure the hole is wide enough to allow the ground stake to sit firmly. Test-fit the stake by inserting it into the hole to ensure stability before proceeding.

Step 3: Connect the Electrical Wiring

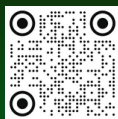
- **Strip the Wires:** Use a wire stripper to strip ½ inch of insulation from the end of the light's wires.
- **Connect to the Transformer:** Attach the wires to the low-voltage transformer, . Ensure the positive and negative terminals are correctly aligned.
- **Waterproof the Connections:** Use WN12 waterproof wirenuts (Sold Separately) to protect the wiring from moisture and outdoor conditions when connecting the wires from the fixture.



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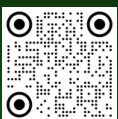
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Step 4: Attach the Spot Light

- **Mount the Fixture:** Once the wiring is complete, securely attach the CDRA95 Spot light to the ground stake.
- **Secure the Fixture:** Ensure the fixture is stable and upright. Adjust the positioning as needed before tightening the fixture in place.

Step 6: Final Light Check

- **Power On:** Once everything is connected, turn on the power to the fixture.
- **Check Illumination:** Verify that the path light is functioning properly and provides adequate illumination for the area



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Step 7: Pairing your phone with the apP

Begin by connecting your phone to a 2.4Ghz Wifi-Network. Scan the QR code to download and install the HAPPY LIFE APP or the TUYA APP. For iOS devices (iPhone or iPad), visit the App Store. For Android devices, download it from the Google Play Store.

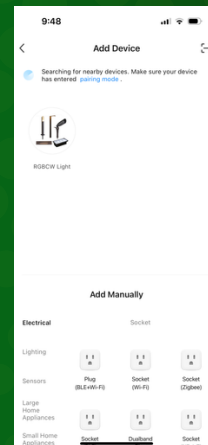
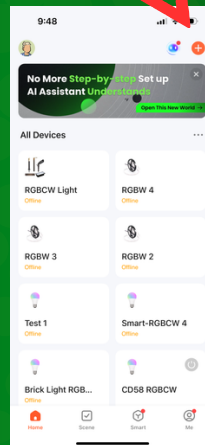


Tuya Smart App



Smart Life App

- After downloading your APP. Proceed to register your account using your mobile number. Expect a verification code via text message or email within a few minutes. Enter the code when prompted to establish your password.
- Open the app and carefully follow the instructions displayed on the screen.
- Press the button located at the back of the light fixture for 3–5 seconds until the light starts flashing
- Select “ADD DEVICE”



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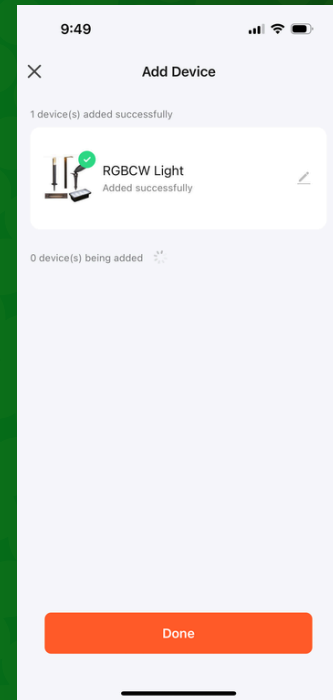
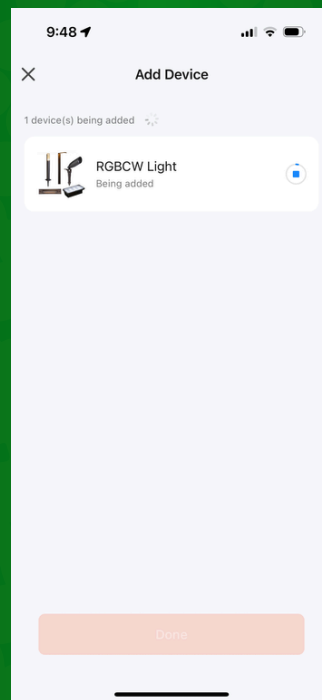
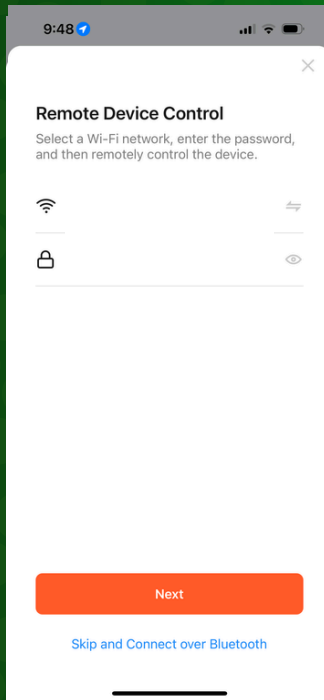
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- Proceed by choosing your 2.4 Ghz WI-FI network and input the corresponding password
- Upon successful completion. You will receive a prompt confirming that the device has been successfully added.



- Open the app to customize the lighting to your preference



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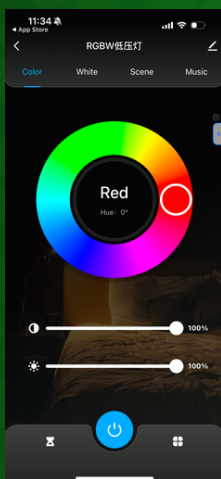
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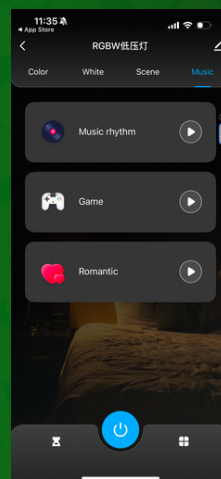
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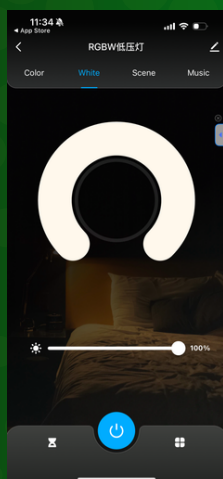
RGBW color mode, where you can modify both the RGB (Red, Green, Blue) color settings and the brightness. The app includes 6 presets and 6 standard color buttons for quick access to individual channels.



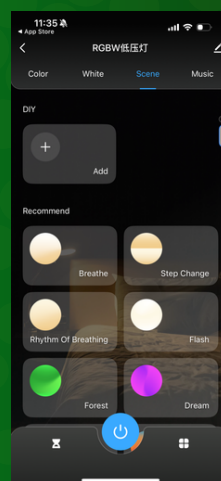
Music Mode: In this mode, the connected CDRA95 reacts to external sounds and noise levels, functioning like a microphone to light up accordingly.



RGBW white mode, where you can modify both the brightness of CDRA95.



Scene Mode: Choose from a variety of available modes.



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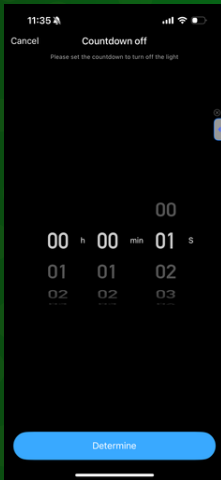
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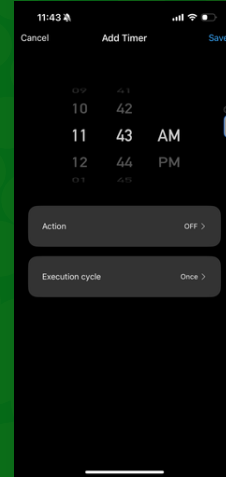
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Countdown mode.

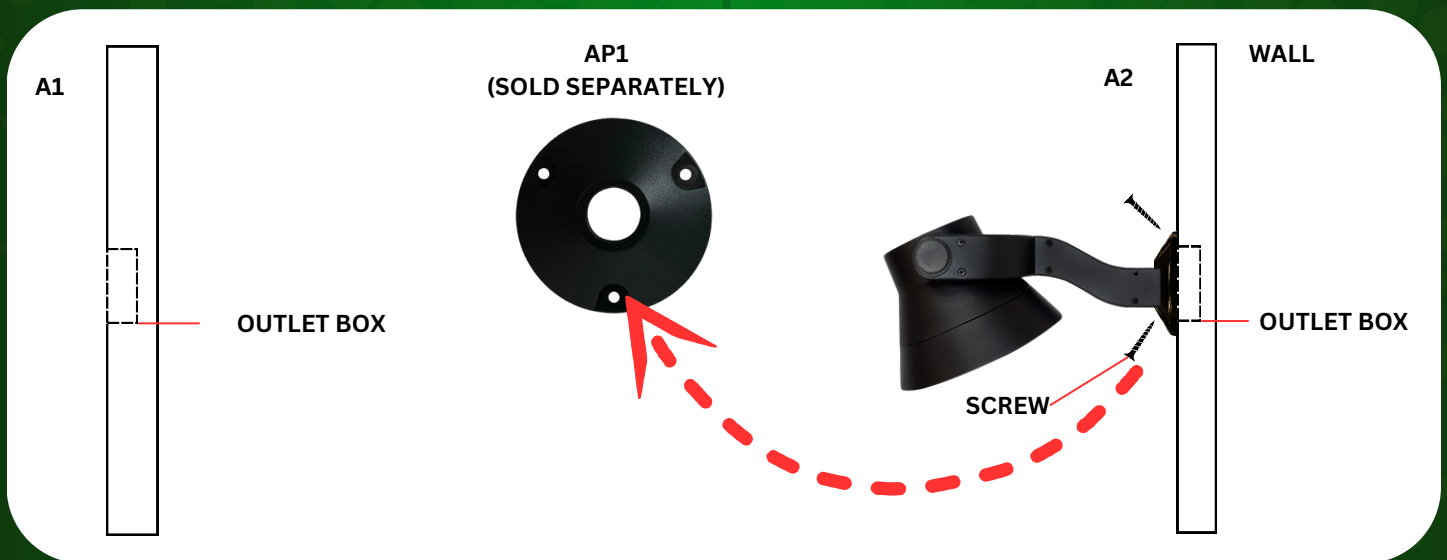


Timer mode.



WALL MOUNTED INSTALLATION

Secure the outlet box cover (not included) to the outlet box using screws. Complete the branch connections as shown in the wiring diagram above. Push all wiring back into the outlet box, and thread the fixture onto the outlet box cover. Refer to the operational steps illustrated in Figures A1 and A2.



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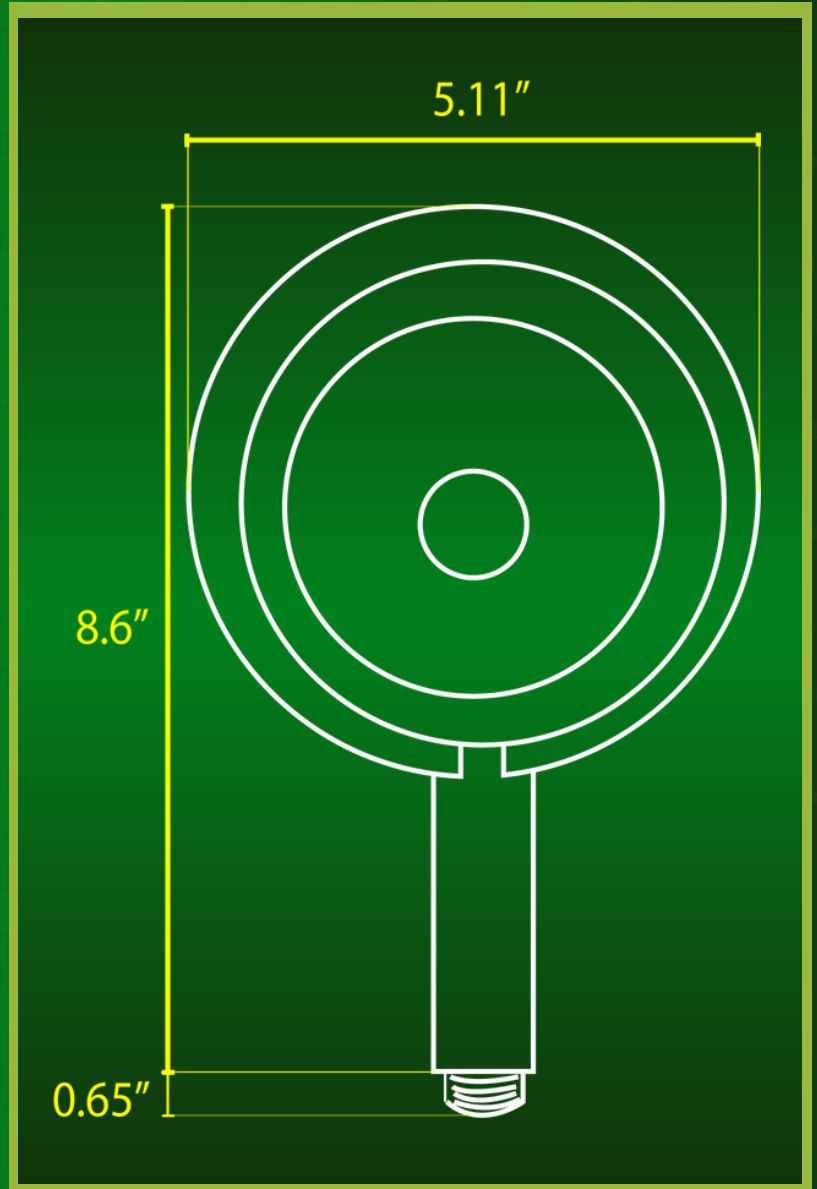
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We strongly recommend that the main cable from the transformer be buried underground for safety reasons. Additionally, please be sure to avoid exceeding the maximum wattage on the fixture(s) to prevent any damage or hazards



Main Line

Connect the wires using
WN12 (Sold separately)



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MAINTENANCE TIPS

- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.
- **Surface Maintenance:** Monitor the mounting surface, particularly trees, to ensure the bracket does not cause damage as the tree grows.

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 the **CDRA95**, visit our YouTube channel and search for "**CDRA95**"



Please visit our website for more of our products.

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