EnoLED

RGB+CCT Downlight Kit

Installation Instructions

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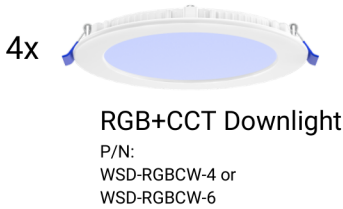AMBIENT
TECH

SmartAir WiFi

Download on the
App Store

GET IT ON
Google Play

Table Of Contents

Scan the QR code
for a complete
SmartAir
App instructions

Preparations

Kit Package Contains

4x

RGB+CCT Downlight
P/N:
WSD-RGBCW-4 or
WSD-RGBCW-6

1x

WiFi

RGB+CCT Wall Switch
P/N: WS-3-WH-RGB

Tools Needed

DryWall
Saw

Wire
Strippers

Flat
screwdriver

Pliers

Philips
screwdriver

Voltage
tester

Get Ready Before Installation

- Ensure a stable Wi-Fi connection and have the password ready for network access.
- Ensure your mobile device is running iOS 13.3 or higher for Apple devices and Android 9.0 or higher for Android devices.
- Make sure a 2.4GHz Wi-Fi network is available. (The Smart Air App cannot operate with a 5GHz network)

Important Notes

- Risk of Electric Shock. To prevent potential electric shock, ensure the power is turned off at the circuit breaker before installing the luminaire.

- EnoLED luminaires (fixtures) have been designed to meet the latest NEC requirements and are ETL Certified for compliance. Before installing any lighting luminaire, please review your local electrical code, which establishes wiring standards for your area.

- Do not create or modify openings in an enclosure containing wiring or electrical components during kit installation.

- To prevent damage or abrasion to wiring, avoid exposing it to sharp edges, such as those in sheet metal or other objects.

- Connect the Downlight and Wall Switch to a 120-volt, 60 Hz power source. Any other connections will void the warranty.

- The Downlight and Wall Switch should be installed by individuals experienced in household wiring or by a qualified electrician. The electrical system and the method of connecting the Downlight must comply with the National Electrical Code and local building codes.

- Please note that the Downlight and the Wall Switch are intended for indoor use only.

- Do not install in an enclosure or any type of closed tank.

- The RGB+CCT Downlight is compatible with the RGB+CCT Wall switch **ONLY** and it is not compatible with a standard dimmer wall switch.
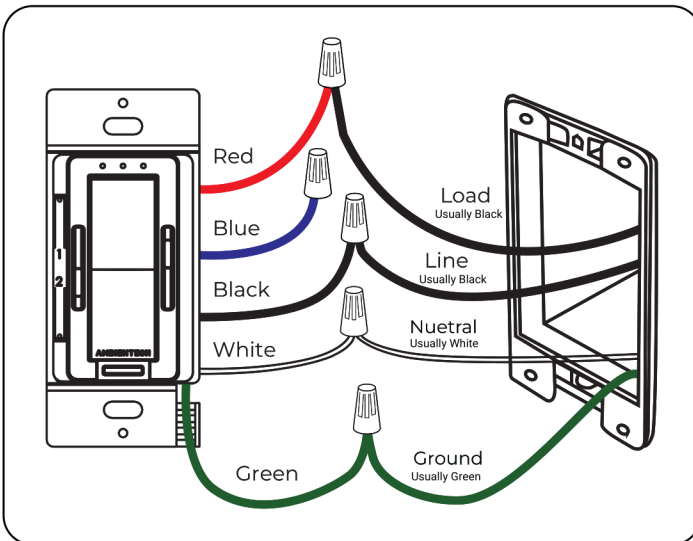
RGB+CCT Wall Switch Installation - Single Pole
Lights switched from one location

(see next page for 3-way installation Instructions)

Step 1

Ensure that the power is turned off at the circuit breaker and make wiring connections according to the diagram below. Before disconnecting the old switch wire, tag the line (Hot) wire

1. Connect the ground wire to the Green wire of the Wall Switch.
2. Locate the Neutral wire inside the wall box (which might not have been used in the old installation) and connect it to the white wire of the Wall Switch.
3. Connect the tagged Line/Hot wire to the Black Wall Switch wire.
4. Connect the Load wire to the Red Wall Switch wire.
5. Cup the blue Wall Switch wire using a wire nut.

Note!

The wall switch must be installed before proceeding with the downlight fixture installation.

Step 2

Securely mount the Wall Switch into the wall box using the appropriate screws.

3-Way Wall Switch installation

For lights switched on/off from two locations

Preparations

1. Turn the power off at the circuit breaker and test to ensure the power is off before wiring.
2. Remove the wall plates and screws from both sides of the three-way switches.
3. Carefully unscrew the switches from the wall while ensuring that the wires remain connected.
4. Securely hang the switches from the wires to keep them in place during the installation process.
5. Before disconnecting any wires, identify and tag the wire that is attached to the 'Common' terminal; this terminal typically has a uniquely colored screw.
6. Determine whether the wall box in which you intend to install the Cyan Wall Switch is on the line side or the load side of the three-way setup.

If you're installing the Cyan Wall Switch on the line side, please refer to the next page. If on the load side, please refer to page 7.

3-Way <u>Line</u> Side Installation

Note: only one of the switches can be a RGB+CCT Wall Switch.

Step 1

1. Connect the ground wire to the Green wire of the Wall Switch.
2. Locate the Neutral wire inside the wall box (which might not have been used in the old installation) and connect it to the white wire of the Wall Switch.
3. Locate the tagged wire inside the wall box and connect it to the black wire of the Wall Switch.
4. Connect one of the traveler wires to the red wire of the dimmer.
5. Connect the remaining traveler wire to the blue wire of the dimmer.
6. Securely mount the Wall Switch into the wall box using the appropriate screws.

Make wiring connections according to the diagram below at the **line-side** wall box.
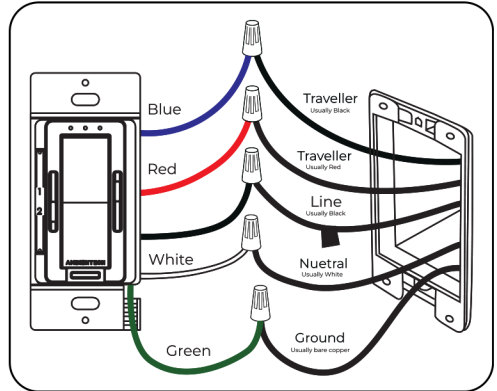
Step 2

1. Remove the tagged wire and the traveler wire from the on/off wall switch.
2. Connect the tagged wire and the traveler wire using a jumper wire (pigtail).
3. Attach the jumper wire securely to the uniquely colored screw on the on/off wall switch.
4. Connect the remaining traveler wire to one of the remaining screws.
5. Connect the ground wire to the Green wire.
6. Mount the Wall Switch securely into the wall box using the appropriate screws.
7. Turn the power on at circuit breaker and test the switches on both sides of the 3-way to ensure they are functioning correctly before proceeding.

Make wiring connections to the on/off switch at the **other-side** wall box according to the diagram below.
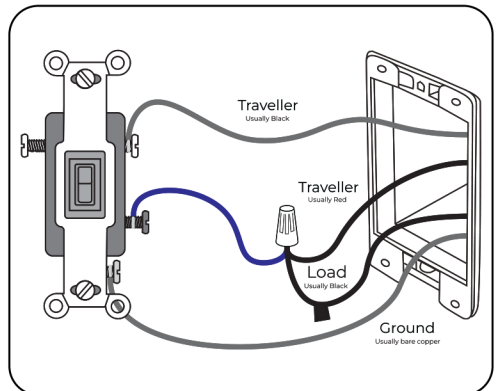
3-Way <u>Load</u> Side Installation

Note: only one of the switches can be a RGB+CCT Wall Switch.

Step 1

1. Connect the ground wire to the Green wire of the Wall Switch.
2. Locate the Neutral wire inside the wall box (which might not have been used in the old installation) and connect it to the white wire of the Wall Switch.
3. Locate the tagged wire inside the wall box and connect it to the red wire of the Wall Switch.
4. Connect one of the traveller wires to the black wire of the dimmer.
5. Connect the remaining traveller wire to the blue wire of the dimmer.
6. Securely mount the Wall Switch into the wall box using the appropriate screws.

Make wiring connections according to the diagram below at the **Load-side** wall box.
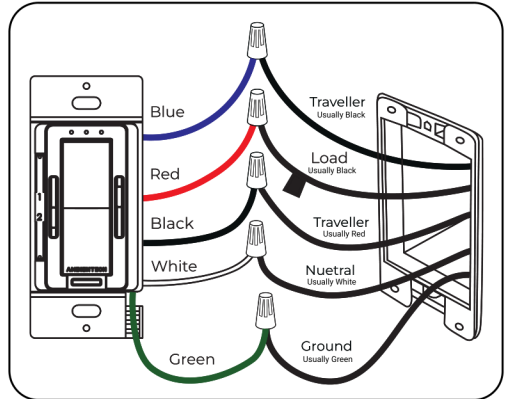
Step 2

1. Remove the tagged wire and the traveller wire from the on/off wall switch.
2. Connect the tagged wire and the traveller wire using a jumper wire (pigtail).
3. Attach the jumper wire securely to the uniquely colored screw on the on/off wall switch.
4. Connect the remaining traveller wire to one of the remaining screws.
5. Connect the ground wire to the Green wire.
6. Mount the Wall Switch securely into the wall box using the appropriate screws.
7. Turn the power on at circuit breaker and test the switches on both sides of the 3-way to ensure they are functioning correctly before proceeding.

Make wiring connections to the on/off switch at the **other-side** wall box according to the diagram below.
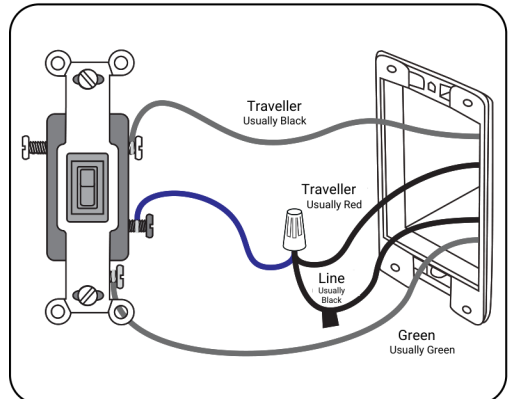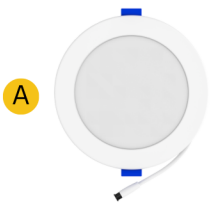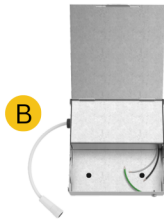
Ultra-Slim Down Light installation

Ensure that the power is turned off at the circuit breaker before wiring. You can install this Downlight fixture directly into a ceiling, without requiring an extra junction box or recessed housing.

Packaging contains

A

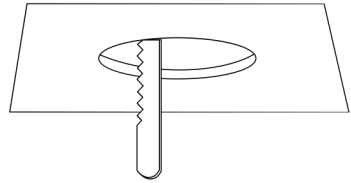Ultra-Slim Downlight

B

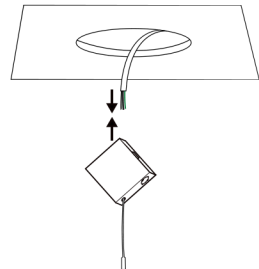Remote LED Driver Junction Box

C

Hole Cut Template

D

Quick Connect

Step 1

Use the provided Hole Cut Template (C) to mark the location and cut out the opening using a drywall saw or hole saw.

Step 2

Open the cover of the Remote LED Driver Junction Box (B) and remove a metal knockout to attach a wire clamp. Insert the supply wires (120VAC) through the preferred strain reliefs.

Step 3

Connect the incoming supply wires
(120VAC) to the driver's wires using
the provided Quick Connect.
Follow the wiring diagram:
white (neutral), black (hot), and green
(ground). Pull the supply wires from
outside of the j-box to engage the bend
with the strain relief feature.

Power
supply
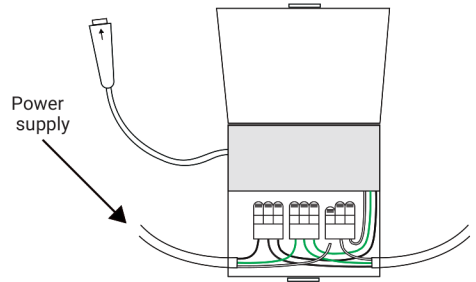
Step 4

Align the pins in the barrel connector
and push to attach the Downlight
fixture to the cable on the LED Driver
Junction Box (B).
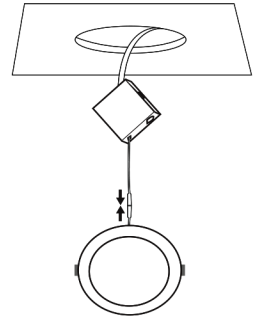
# Step 5

Keep the Downlight fixture hanging on the
wire until you have completed pairing the
Downlight fixtures with the Wall Switch.
(Refer to the next page "Pairing
Instructions")
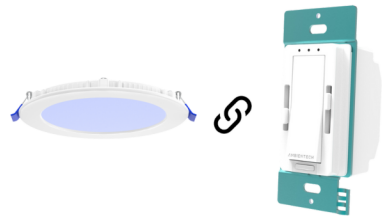
Pairing the Wall Switch to the Downlight Fixture(s)

1. Turn the Power On at the circuit breaker.
2. Adjust both sliders on the Wall Switch to their maximum positions and ensure the pedal switch is in the "on" position.
3. Begin the pairing process by short-pressing the 'Pairing Button' (2) on the Wall Switch. The Green LED indicator will blink during pairing until the pairing is completed.
4. To confirm successful pairing, adjust the sliders and ensure that the Downlight fixture(s) responds accordingly.

   If one or more Downlight fixtures fail to pair, repeat the pairing process.

LED Indicators

On Position

Pairing Button (2)

Off Position

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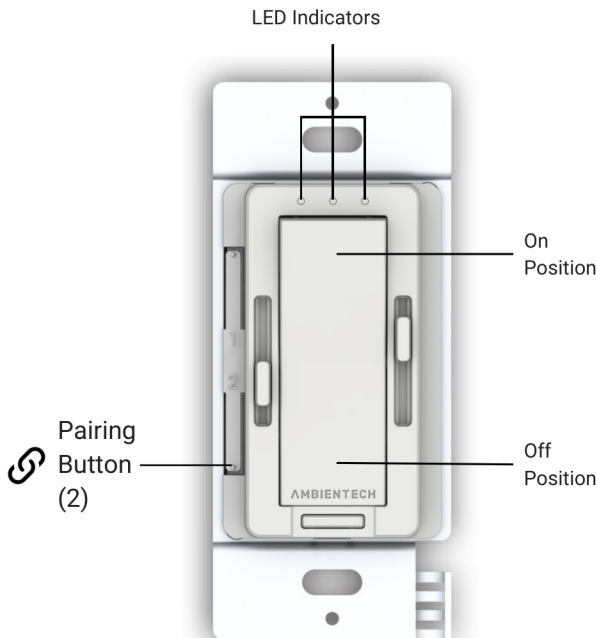
Step 6

Once you have completed pairing the Downlight fixtures with the Wall Switch, Turn the power off at the circuit breaker. Place the LED Driver Junction Box (B) through the cut-out hole and mount the Junction Box using the mounting holes.
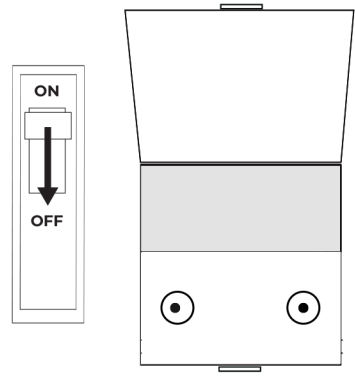
Step 7

Rotate both springs upward on the Downlight Fixture to allow passage through the cutout and continue to press up until the springs rotate back into position to hold the Downlight Fixture tight against the ceiling.
Then turn the power on at the circuit breaker.
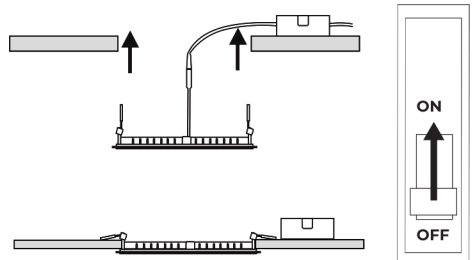
RGB+CCT Wall Switch User Interface

1. On/Off Switch - Turn the lights on/off

2. Dimming Slider - Adjust the light intensity

3. Color Slider - Change the light Color

4. Mode Button:

   A. Short Press: Select Mode: CCT | RGB | Pastel

   B. Long Press: (5s): Save Scene

Mode / Indicator	Green LED	Red LED	Blue LED
Short Press	CCT Mode	RGB Mode	Pastel Mode
Long Press (5s)	Save CCT Scene	Save RGB Scene	Save Pastel Scene

LED Indicators

Color Slider

Dimming Slider

Mode Button
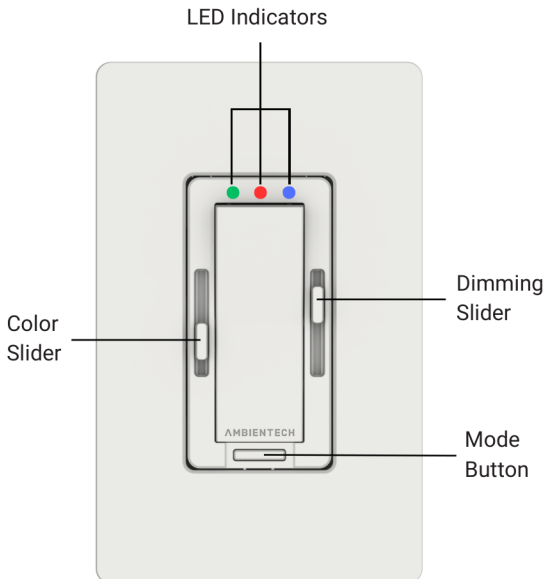
SmartAir App Setup

Before setting up the SmartAir App, ensure that you have successfully paired the Dimmer with the Downlight fixtures (refer to page 6)

1. Search for the SmartAir App on the App Store (iOS) or Google Play (Android) and proceed with the installation.

2. Register a SmartAir account.

3. Log in with your email address and password.

Scan to Download the app
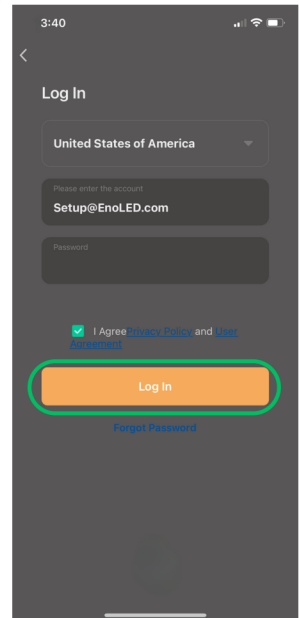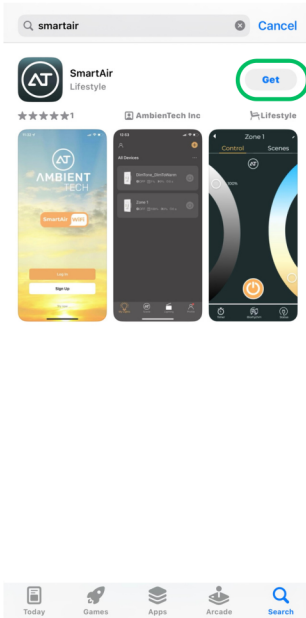
LED Indicators

4. With the switch in the 'on' position, short press the 'Add to App button' (1) on the Wall Switch.
The Blue LED indicator will blink indicating that the Wall switch (Device) is ready to be added to the Smart Air App.

Add to App Button (1)

On Position

Off Position

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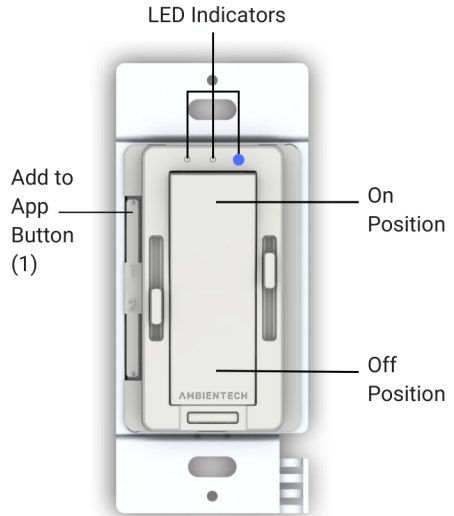
5. Enable Bluetooth and WIFI on your smartphone and proceed to add a device (Wall Switch).

A

B

C

D
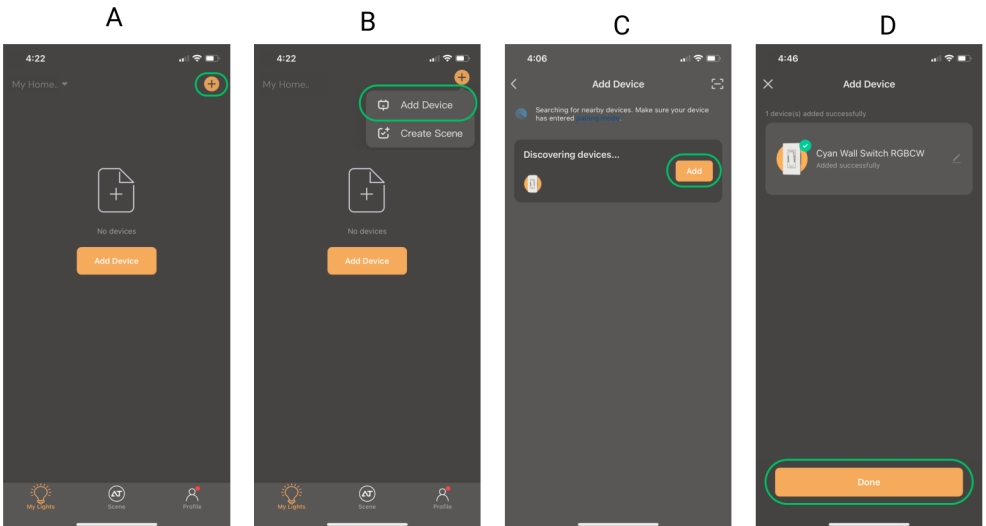
RGB+CCT Downlight Kit

Installation Instructions

Customer Support

For technical questions regarding the installation or operation of this product, please contact our customer support team

📞 +1 216-208-4974