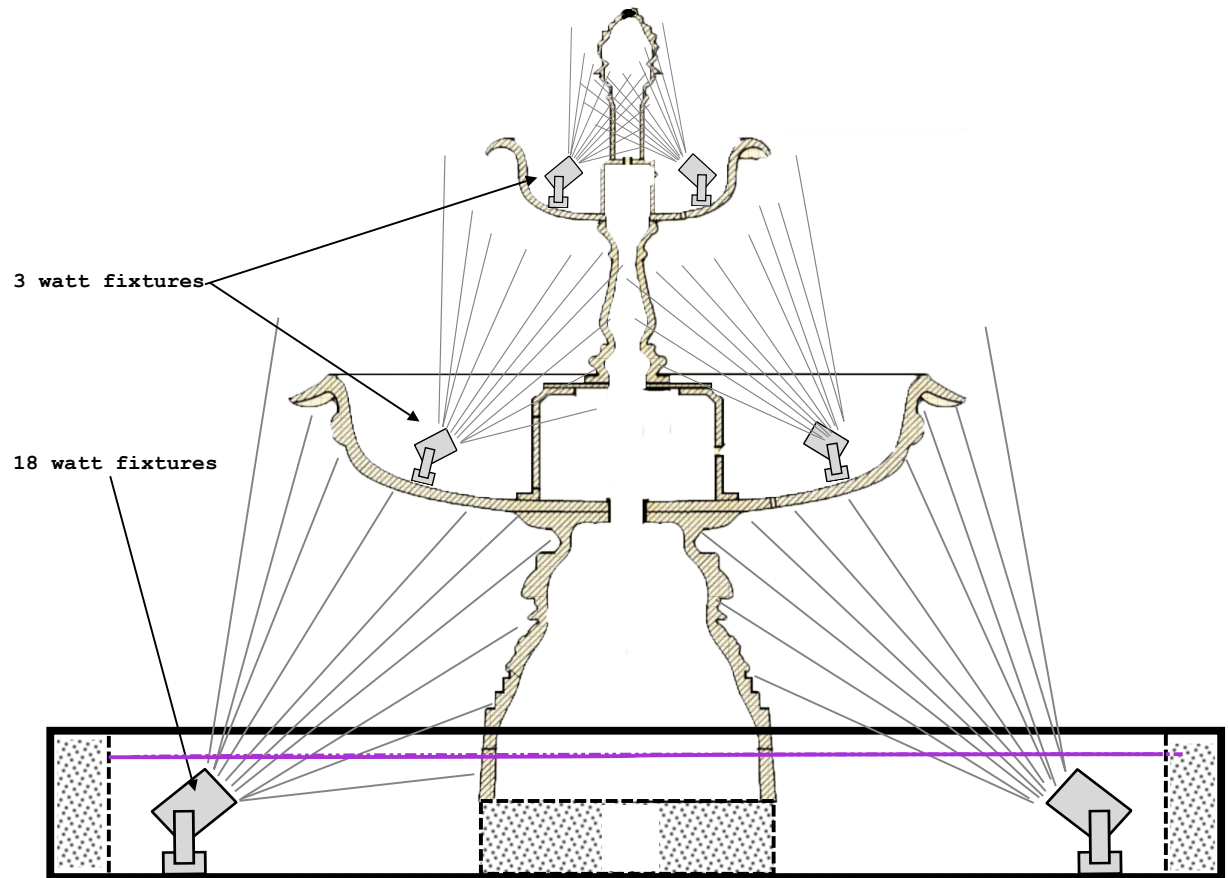


60 deg Light Beams



Site: **Color Changing Lighting 2 Tier with Basin**

Drawing: **201-1**

Project: **0000416**

Drawn: **JMF**

Notes: WFP
Prelim
Drawings
Only. Not for
construction
build use.

**Water Feature Pros
7750 Fruitville Rd
Sarasota, FL 34240**

Title:
RGBW Fountain Lighting

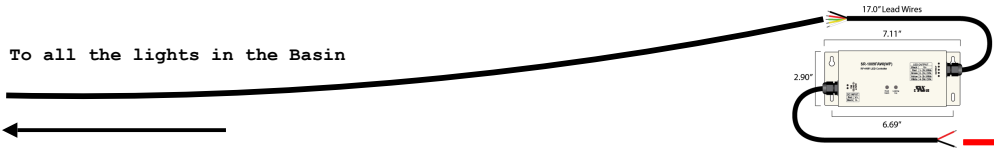
Scale:
NTS

Date:
06/18/2025

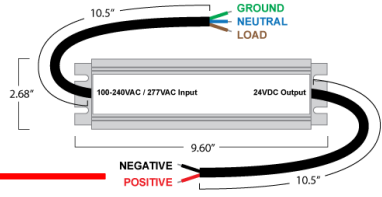
Rev:
A

Zone 2 FOUR (4) 18 watt Lights Basin

To all the lights in the Basin



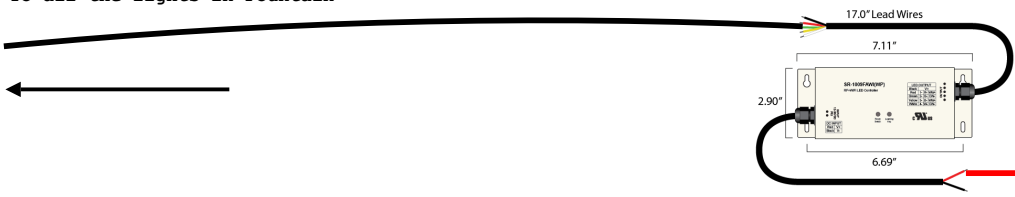
150 Watt waterproof Transformer 110 VAC to 24 Volt DC



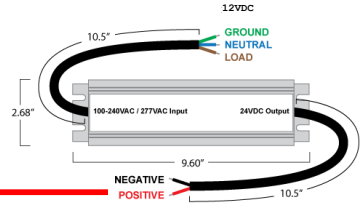
Two Mean Well brand waterproof LED power converter with a 100-240VAC input and one 12 VDC and one 24VDC 10 amp output of 150W. IP67 rated for wet or damp locations. Comes with built in PFC (Power Factor Correction) as well as short circuit protection. AC input wire colors are as follow: Brown - Load, Blue - Neutral, Green - Ground.

Zone 1 Seven 3 watt Lights in 1st and 2nd Tier

To all the lights in Fountain



60 Watt waterproof Transformer 110 VAC to 12 Volt DC



Customer to provide 5 Conductor Outdoor and Waterproof Wire - 18AWG 240V, available at Home Depot or Lowes. Also Customer provides a post mount all weather electrical box for controllers and Transformers.

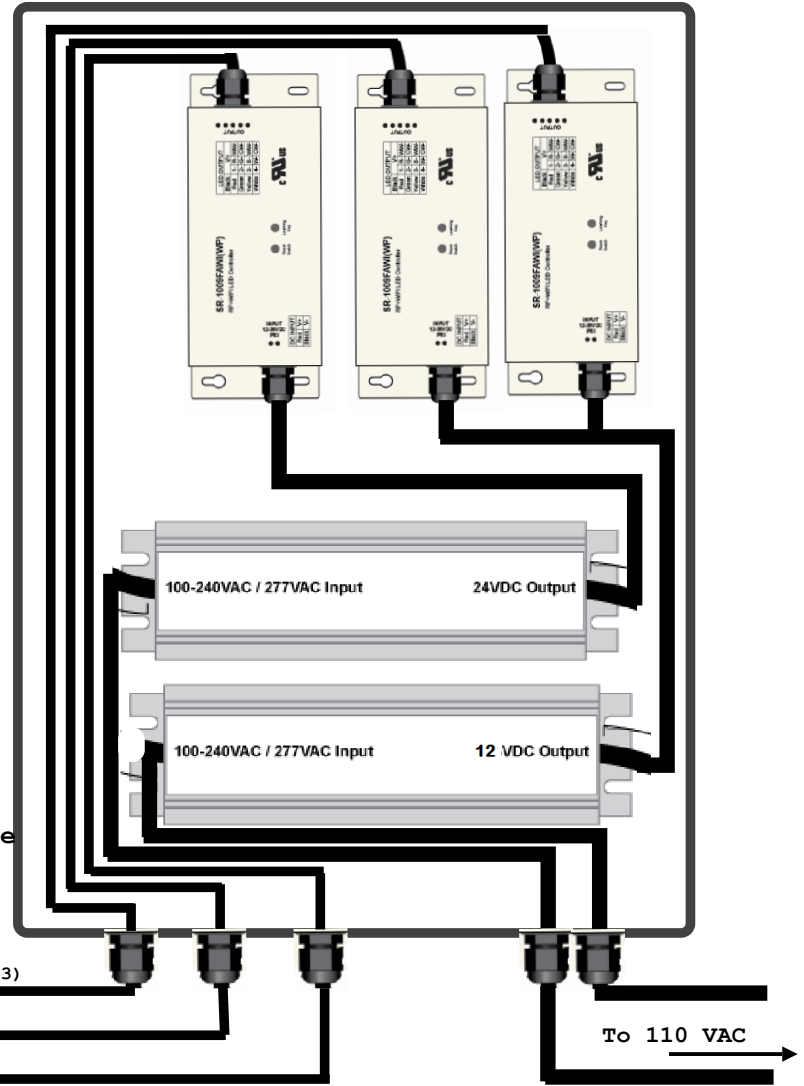
Each Controller can Control up to 20 Amps of 12-36VDC LED lighting over 8 zones from a smartphone, tablet or RF remote using our UL recognized LED WiFi controller. Communicate with an unlimited amount of receivers that can be paired with your local wireless network. Color changing app functionality includes a color wheel selector as well as R,G,B sliders for more precise hexadecimal color selection with a slider for the white output when using RGBW. Previous modes are stored on power cycle. Each receiver is UL recognized and IP67 rated for indoor and outdoor environment.

Site: Color Changing Lighting 2 or 3 Tier with Basin	Drawing: 201- 2	Project: 0000416	Drawn: JMF	Notes: WFP Prelim Drawings Only. Not for construction build use.	Water Feature Pros 7750 Fruitville Rd Sarasota, FL 34240
Title: RGBW Lighting Power and Controlers	Scale: NTS	Date: 06/18/2025	Rev: A		

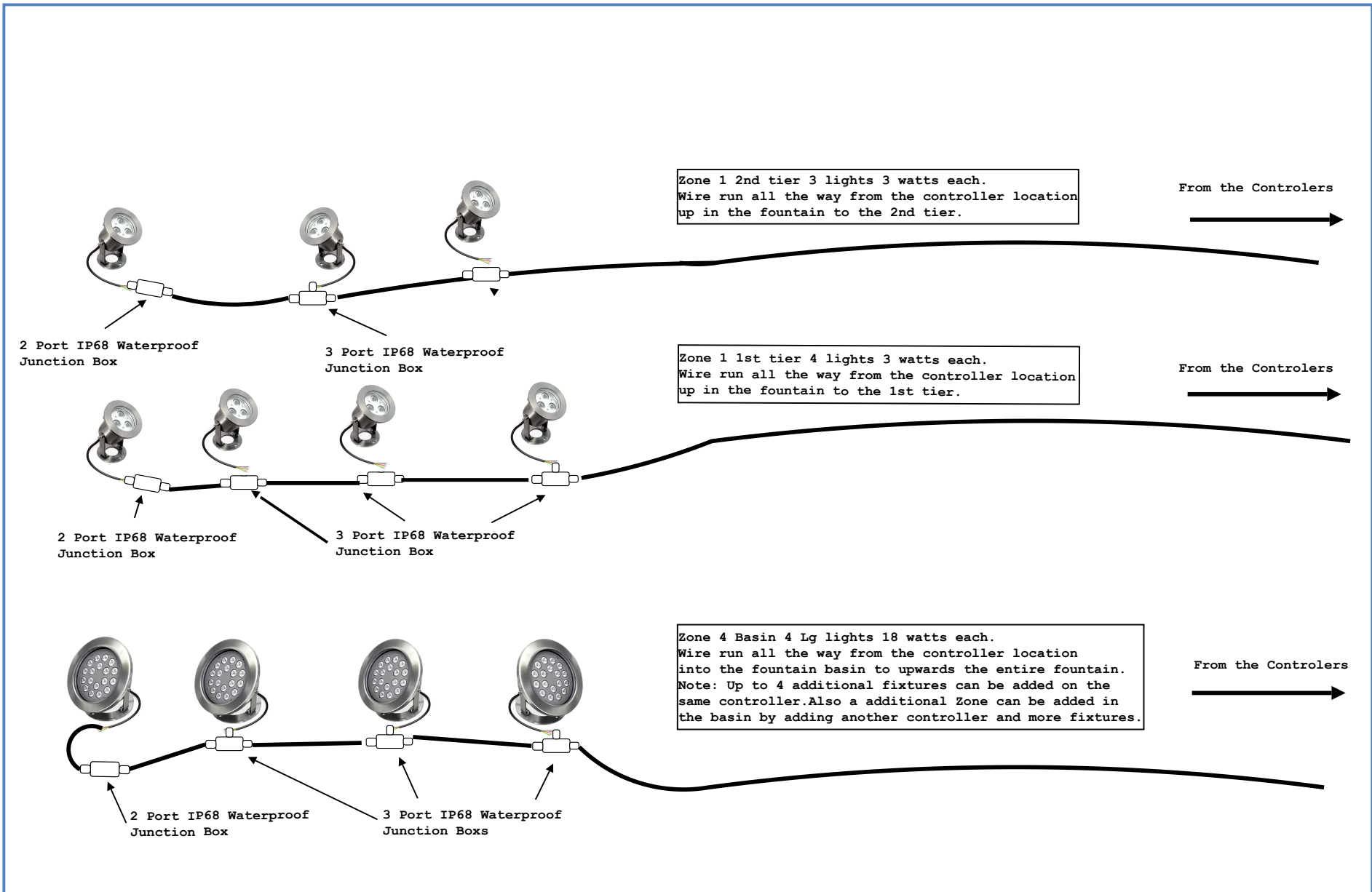
14.8" X 10.8" X 6.1" QILIPSU Waterproof Junction Box IP67



QILIPSU Waterproof Junction Box Post mounted within 50 feet of the house or commercial structure. It should be mounted in a clear line of sight, of the commonly used location for the Wi-Fi app to control the fountain. 14.8" X 10.8" X 6.1"



Site: Color Changing Lighting 2 Tier with Basin	Drawing: 201- 3	Project: 0000416	Drawn: JMF	Notes: WFP Prelim Drawings Only. Not for construction build use.	Water Feature Pros 7750 Fruitville Rd Sarasota, FL 34240
Title: QILIPSU Waterproof Junction Box IP67	Scale: NTS	Date: 06/18/2025	Rev: A		



Site: Color Changing Lighting 2 Tier with Basin	Drawing: 201-4	Project: 0000416	Drawn: JMF	Notes: WFP Prelim Drawings Only. Not for construction build use.	Water Feature Pros 7750 Fruitville Rd Sarasota, FL 34240
Title: RGBW Lighting Detail	Scale: NTS	Date: 06/18/2025	Rev: A		



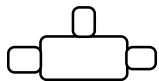
Our high quality 12VDC common anode RGB + 4000K underwater light consists of three OSRAM 4in1 RGBW LED diodes housed in durable anti-corrosive 304 stainless steel, tempered glass with a non eroding silicon seal. Bring color changing capability with neutral white output to light ponds, fountains, water features or any other submersed environment. Each fixture comes with 16" of 5 conductor lead wire, a 60° beam angle and adjustable hinges for optimal light positioning. A single RGBW fixture consumes 3W of 12VDC constant voltage power and requires a common anode RGBW color controllers to customize the color and light intensity. Browse our variety of waterproof junction boxes and 5 pair RGBW connection wire for simple and easy installation of multiple light fixtures. CE and RoHS approved.



The brightest fixture of our 304 stainless steel RGBW underwater lights, the 18W boasts super bright and vivid color changing plus 4000K white light output with heavy duty and durable construction. Eighteen common anode OSRAM 4in1 RGBW LEDs, anti-corrosive 304 stainless steel, high transparent tempered glass and erosion resistant silicon seal this fixture makes this fixture built to last in both fresh and salt water environments. Comes with 16" of 5 conductor lead wire, a 60° beam angle and adjustable hinges for optimal light positioning. Each RGBW fixture consumes 18W of 24VDC constant voltage power. Use our common anode RGBW color controllers to customize the color and light intensity. Browse our variety of waterproof junction boxes and 5 pair RGBW connection wire for simple and easy installation of multiple light fixtures. CE and RoHS approved.



These junction boxes are used at the last fixture in every Zone. Our black nylon waterproof 2 port junction box can be used with our outdoor waterproof 2 and 4 conductor wires to create an IP68 waterproof, and dust free seal as well as a secure housing for your LED wiring. The rubber sealing grommets will work on any 0.2" - 0.35" diameter cables. Inside each junction box is a 4 pin screw down type connector for conducting electricity using 1 to 4 of the available ports with a 24A 450VAC max rating. The design of the clamping rubber interior creates a tight and enclosed seal for a wide range of wire gauges without damaging your wire or devices, as well as decreasing tension from wire connections for a safer and more efficient wiring layout.



These 3 way junction boxes are used at each fixture except the last one in every Zone. This product is a Mean Well brand 192W, 12VDC LED transformer / power supply, 100-240VAC or 277VAC input, with 12VDC, 16A output, IP67 rated for wet or damp locations. Has one 10" long 12VDC output that can be used to power 12VDC Constant Voltage LED Modules, LED Lights, LED Strip Lights, RGB LED lighting and other 12VDC LED Lighting products. Comes with built in PFC (Power Factor Correction) as well as short circuit protection. Non-submersible, non uv-proof, UL recognized, RoHS, FCC and CE approved.

Site: **Color Changing Lighting 2 Tier with Basin**

Drawing: **201- 5**

Project: **0000416**

Drawn: **JMF**

Notes: WFP
Prelim
Drawings

**Water Feature Pros
7750 Fruitville Rd
Sarasota, FL 34240**

Title : **Fixtures and Junctions Boxes**

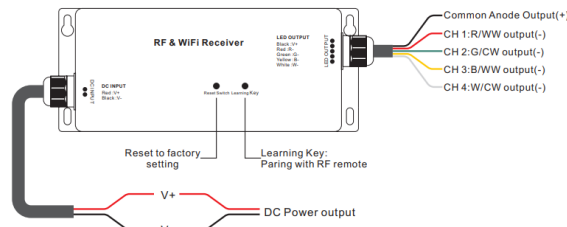
Scale: **NTS**

Date: **06/18/2025**

Rev: **A**

Only. Not for
construction
build use.

Function introduction

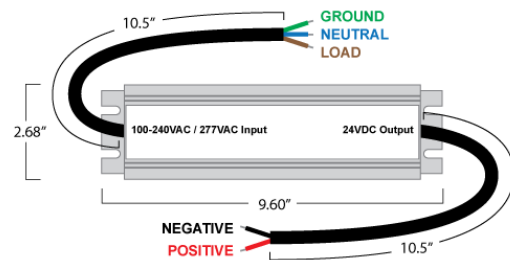
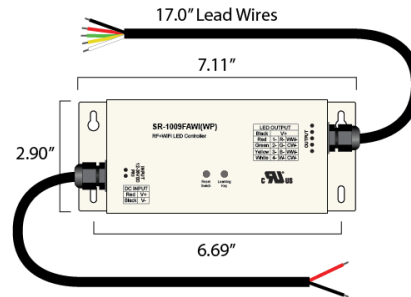


Product Data

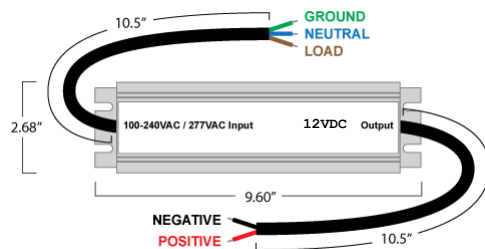
No.	Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)
1	12-36VDC	4x5A	4x(60-180)W	Constant voltage	7.11"x2.90"x1.50"H

- Radio Frequency : 868/915/434mhz
- Waterproof grade: IP67

Control up to 20 Amps of 12-36VDC LED lighting over 8 zones from a smartphone, tablet or RF remote using our UL recognized LED WiFi controller. Communicate with an unlimited amount of receivers that can be paired with your local wireless network. Color changing app functionality includes a color wheel selector as well as R,G,B sliders for more precise hexadecimal color selection with a slider for the white output when using RGBW. Single color app functions are limited to a basic monotone rotary dimmer. Previous modes are stored on power cycle. Each receiver is UL recognized and IP67 rated for indoor and outdoor environment. The power rating is 5 amps distributed over 4 channels, meaning when used with RGB lighting the output power is decreased to only 5 amps over 3 channels. All 4 channels can be used for single color dimming control.



This product is a Mean Well brand waterproof LED power converter with a 100-240VAC, or 277VAC (North America Only) input and a 24VDC 10 amp output of 240W. IP67 rated for wet or damp locations. This LED power supply can be used to power 24VDC Constant Voltage LED Wall Washers, LED Lights, LED Light Ribbons, RGB LED lighting and other 24VDC LED Lighting products. Comes with built in PFC (Power Factor Correction) as well as short circuit protection. AC input wire colors are as follow: Brown - Load, Blue - Neutral, Green - Ground. The manufacturer recommends a 92.5% max load of 222 watts. Non-submersible, non uv-proof, UL recognized, RoHS, and CE approved.



This product is a Mean Well brand 192W, 12VDC LED transformer / power supply, 100-240VAC or 277VAC input, with 12VDC, 16A output, IP67 rated for wet or damp locations. Has one 10" long 12VDC output that can be used to power 12VDC Constant Voltage LED Modules, LED Lights, LED Strip Lights, RGB LED lighting and other 12VDC LED Lighting products. Comes with built in PFC (Power Factor Correction) as well as short circuit protection. Non-submersible, non uv-proof, UL recognized, RoHS, FCC and CE approved.

Site: **Color Changing Lighting 2 Tier with Basin**

Drawing: **201-6**

Project: **0000416**

Drawn: **JMF**

Notes: WFP Prelim Drawings Only. Not for construction build use.

**Water Feature Pros
7750 Fruitville Rd
Sarasota, FL 34240**

Title: **Controller and Transformer Detail**

Scale: **NTS**

Date: **06/18/2025**

Rev: **A**

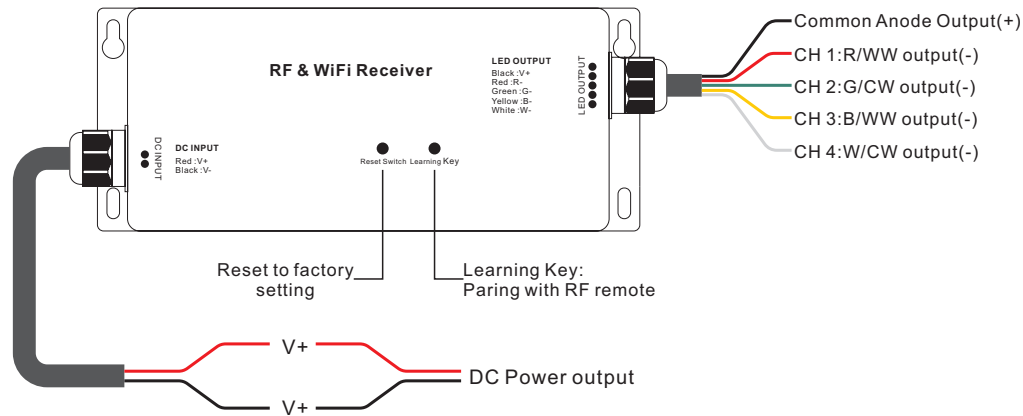
Universal series RF & WiFi Waterproof Receiver

09.09FWP.040121



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

No.	Input Voltage	Output Current	Output Power	Remarks	Size(LxWxH)
1	12-36VDC	4x5A	4x(60-180)W	Constant voltage	7.11"x2.90"x1.50"H

- Radio Frequency : 868/915/434mhz
- Waterproof grade: IP67

Safety & Warnings

- DO NOT install with power applied to device.
- This device is IP67 rating and protected against damp environment.

Operation

Do wiring according to connection diagram.

Pair RF Receiver with RF remote:

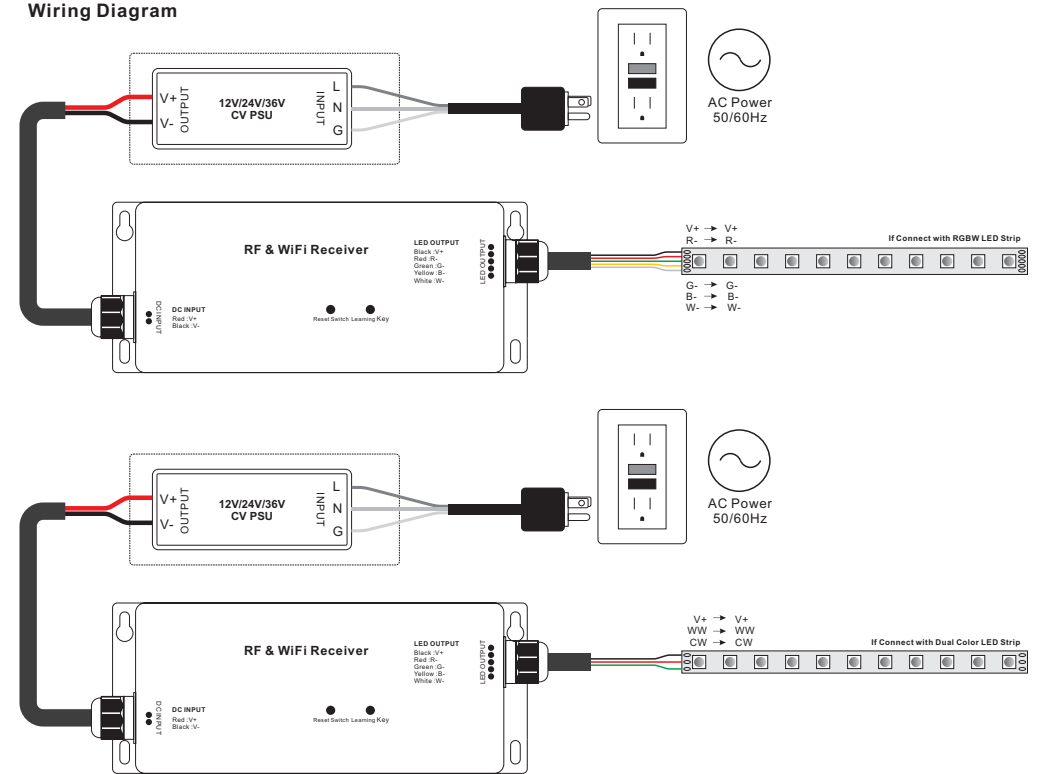
1. Connect and wire up the RF receiver correctly, power on.
2. Turn on the remote, click the **"Learning Key"** button on receiver, immediately click a zone number to pair the receiver to the specified zone if the remote is a multi-zone controller (if it is a single zone remote, this step is unnecessary), then touch the color wheel or slider bar on the remote (if the remote does not have color wheel or slider bar, click or touch any keys), the connected led light on receiver flickers twice, which means well paired.

Note: one receiver can be paired with max 8 remote controls.

Delete the pairing:

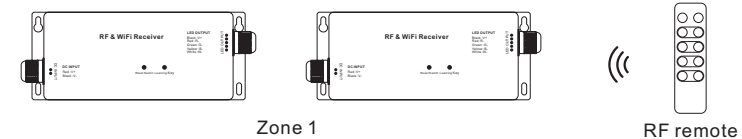
1. Wire up the RF receiver correctly, power on.
2. Hold down the **"Learning Key"** button on receiver for over 3 seconds until the connected led light on receiver flickers twice, which means well deleted.

Wiring Diagram

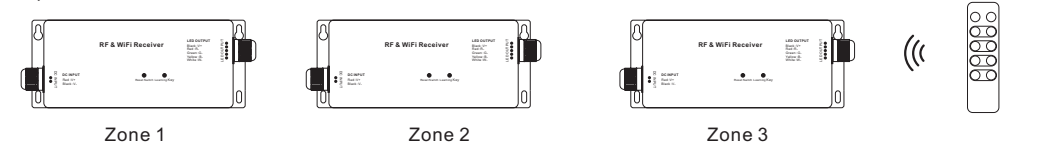


If you use multiple receivers, you have two choices:

Option 1: have all the receivers in the same zone, like zone 1

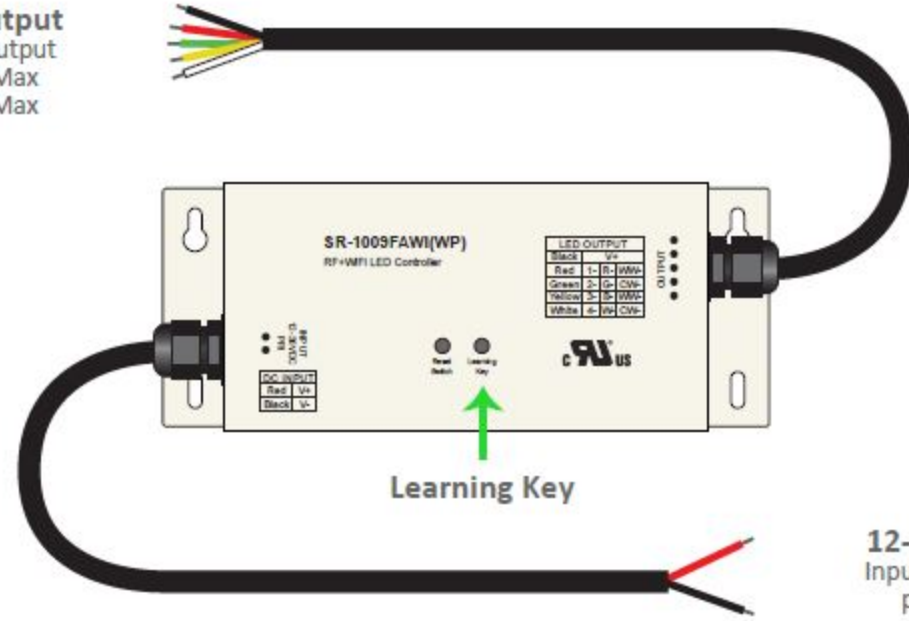


Option 2: have each receiver in a different zone, like zone 1, 2, 3 or 4



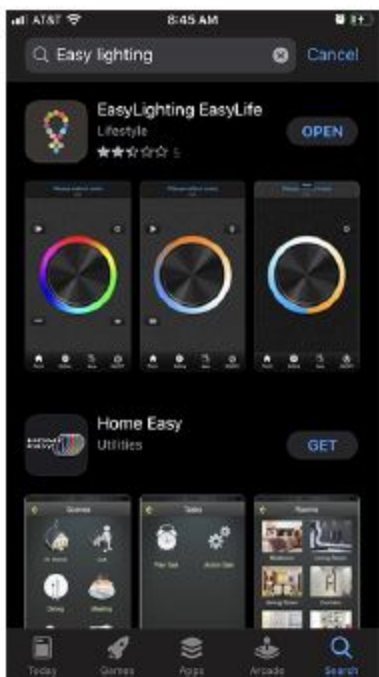


Maximum Output
5A x 4CH Max Output
12VDC-240W Max
24VDC-480W Max

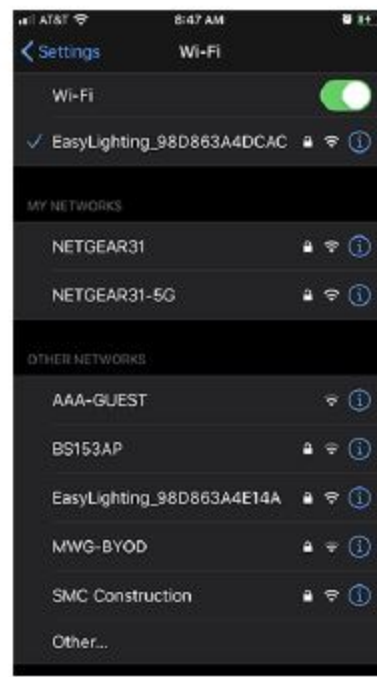


12-36VDC INPUT
Input from 12-36VDC power supply

8 Zone WiFi Receiver Pairing Guide: LC-SR-RGBW-RCWP



1 Download the *EasyLighting EasyLife* application on your smart phone or tablet.



2 Apply 12-36VDC power to your waterproof receiver. Connect to the EasyLighting_xxxxxxx device. Default password is: 0123456789

** Only 1 device can be configured at a time. When pairing multiple receivers we recommend you only power 1 receiver at a time.*



3 Open the *EasyLighting* app. Note: Default control type is RGBW. Tap the gray area around the color wheel 3x to select other control options. If you receive message "WiFi device is not found, exit APP reconnect the correct network" this means you need to go back to WiFi setting and re-pair to device.



4 Press the "Room" button in the lower left corner. Select the Room that you wish to pair your receiver to. Receiver will not pair if more than one room is selected. Multiple rooms can be paired to 1 receiver but must be paired 1 at a time. Room names can be changed in the "Setting" tab.



5 Press the "Room" button to get back to the color wheel. Press the "Learning Key" on the WiFi Receiver and let go. Then immediately touch and spin the color wheel from your phone. Output LED lights will flash to indicate successful pair.



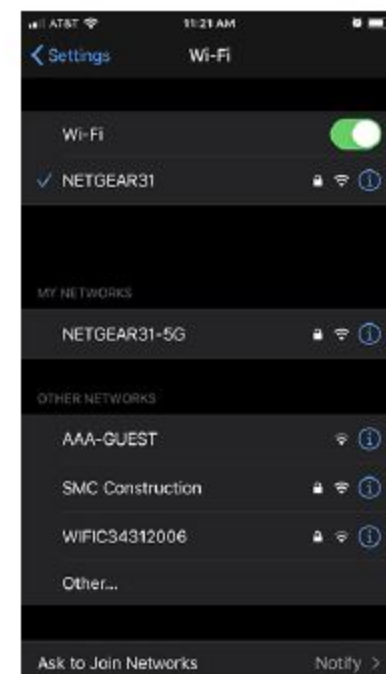
6 Your controller is now paired directly to your phone via WiFi connection. This is suitable for remote locations where no Internet is necessary. For most applications you will want to pair your receiver to the local network. To do so press the "Setting" button and then press "Connect WiFi LED Controller to your home network."



7 Before pairing to your WiFi network you will encounter two prompts. Simply click "I got it" and then "Yes" when asked if your mobile phone is connected to the controller. Locate your local network, select and input your password.



8 If configured successfully you will receive the following message. Close out the app and navigate to the WiFi settings of your phone.



9 Check WiFi settings and be sure you are connected to your WiFi Network. Please note that you must be connected to the 2.4GHz network. WiFi Receiver will not pair with 5GHz network. Open app again to control your lights. Repeat these steps for multiple receivers.