

# Vision120™ RGBW

## 3W Indoor and Outdoor Flexible LED Tape Specification Sheet

# GM Lighting®

### PRODUCT OVERVIEW

The V120-RGBW is the newest addition in the Vision120™ series. With a wealth of color options, RGBW is the next generation of color changing technology for indoor & outdoor applications. Vision120™ RGBW is a wet location flexible LED linear tape that can be factory cut and configured to your specifications.

### FEATURES

- RGB + 3000K White light
- Indoor or outdoor (IP65)
- Dimmable (via WiFi controller)
- 120° viewing angle
- Power feed, connector & mounting options available
- Works with GM LUXcontrol™ App and controller
- Factory cuts and configurations for quick and easy installation (Cuttable every 12")
- Tape encased in the water-resistant clear poly flexible sheath (UV protected)
- Maximum run: 150ft (Limit of 4 sections for maximum run Consult factory for other combinations)

### SPECIFICATIONS

#### ELECTRICAL

- 120V
- 3 watts per foot
- SHWC-V120-RGBW controller (required)

#### OPTICS

- 90+ CRI

#### CERTIFICATION

- IP65
- ETL

#### OPERATING TEMP

- -4 to 122°F (-20 to +50°C)

#### WARRANTY

- 3-year warranty
- Do not install in an application that is not easily accessed for service

### ORDERING INFORMATION

Model	Series	Length	Description
V120	RGBW	xx	120V RGBW LED tape, 3W per ft., Wet location

Example: V120-RGBW-xx

Note: Each run includes endcap and inline fuse. For layouts and configurations, visit [www.gmlighting.net](http://www.gmlighting.net)

RED – 625-630nm / 23lm, GREEN – 520-525nm / 38lm,  
BLUE – 465-470nm / 9lm, WHITE 3000K – 41lm, COMBINED – 109lm

### ACCESSORIES

Model	Description
V120-RGBW-CHL4	120V RGBW LED tape aluminum mounting channel, 4ft. (3M tape supplied)
V120-RGBW-CHL6	120V RGBW LED tape aluminum mounting channel, 6ft. (3M tape supplied)
V120-RGBW-CHL-LENS4	120V RGBW LED tape channel lens, 4ft. (indoor and *outdoor)
V120-RGBW-CHL-LENS6	120V RGBW LED tape channel lens, 6ft. (indoor and *outdoor)
V120-RGBW-MC	120V RGBW LED tape white plastic mounting clip, bag of 20
V120-RGBW-TTC6	120V RGBW 6in flexible LED tape to tape, UV cured connector
V120-RGBW-TTC12	120V RGBW 12in flexible LED tape to tape, UV cured connector
V120-RGBW-TTC18	120V RGBW 18in flexible LED tape to tape, UV cured connector
V120-RGBW-TTC24	120V RGBW 24in flexible LED tape to tape, UV cured connector
V120-RGBW-PCHW8	120V RGBW Hardwire 8ft. flexible LED tape to controller connector, UV cured
V120-RGBW-CHL-ECC	Endcap covers for PCHW8 and endcap
V120-RGBW-CHL-ECCTT	Endcap covers for TTC series
V120-3M-VHB-15	3M VHB tape 1/2" x 15ft

### CONTROLLERS

Model	Description
SHWC-V120-RGBW	Smart 2.4 WiFi Controller, RGBW 120V High Voltage, IP65, 4-Channel / 5-Wire, 3000K White
GM-WPSC-RGBW	RGBW wet location 5-wire splice connector (included with SHWC-V120-RGBW)
HC-RF-UNV-5CH	Universal 1-5 Channel RF Remote Control
CM-RF-UNV-5CH	Universal 1-5 Channel Control Module
RPT-UNV-5CH	Universal 1-5 Channel Repeater Amplifier

\* Warranty does not cover wear and tear from outdoor extreme environments (finishes, plastic & lens degradation).

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Page 1

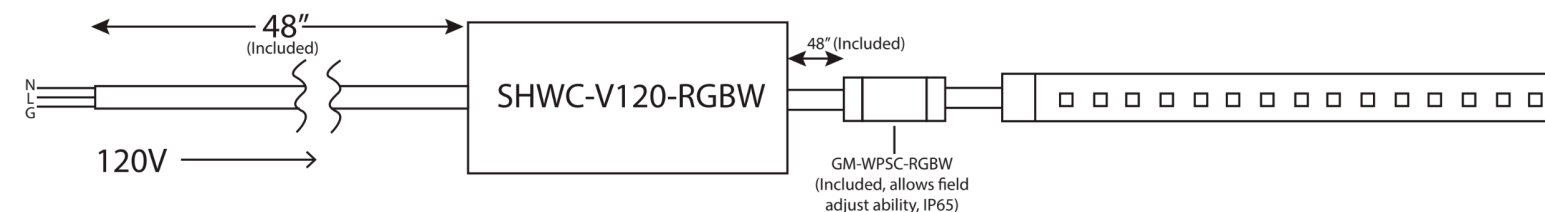
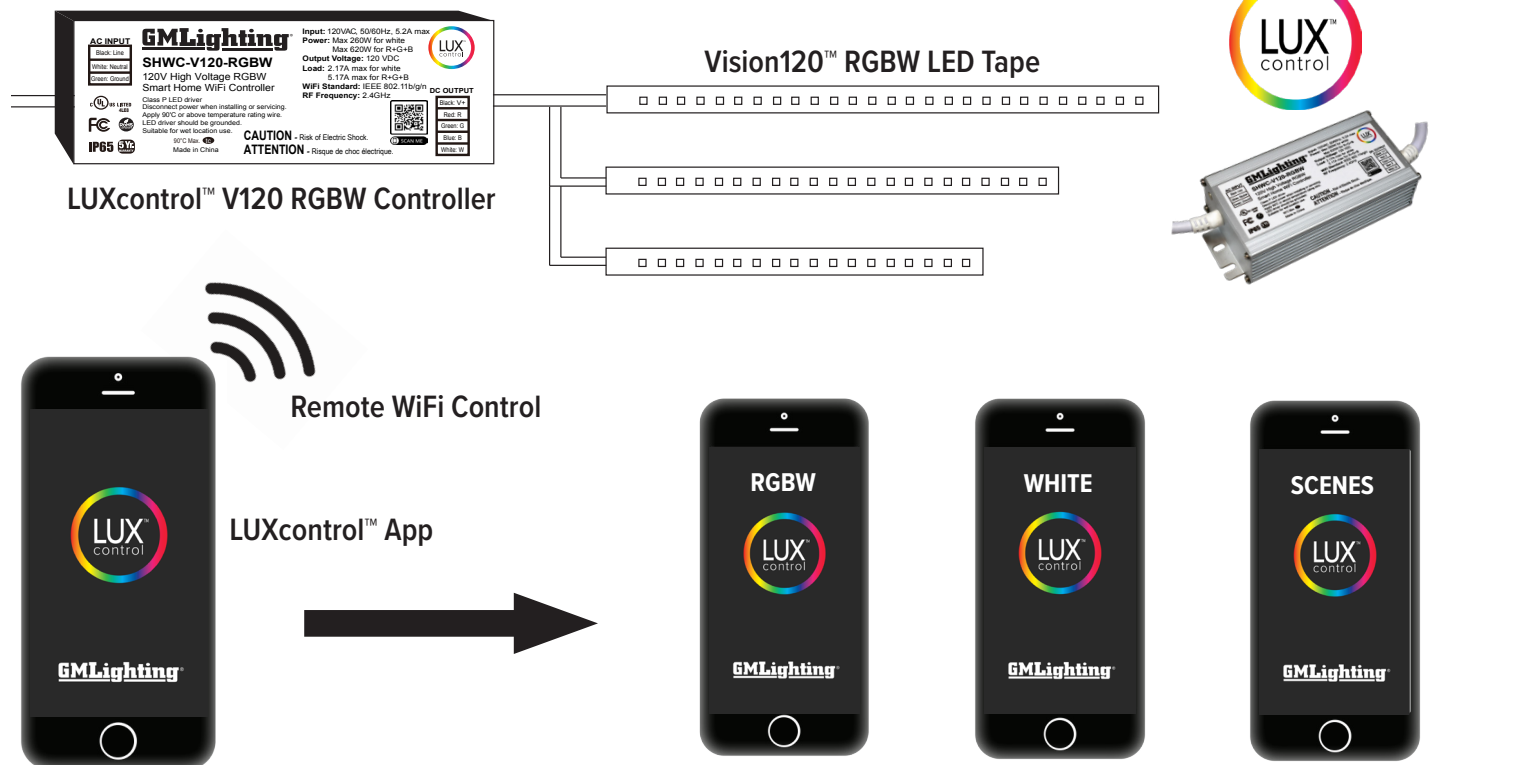
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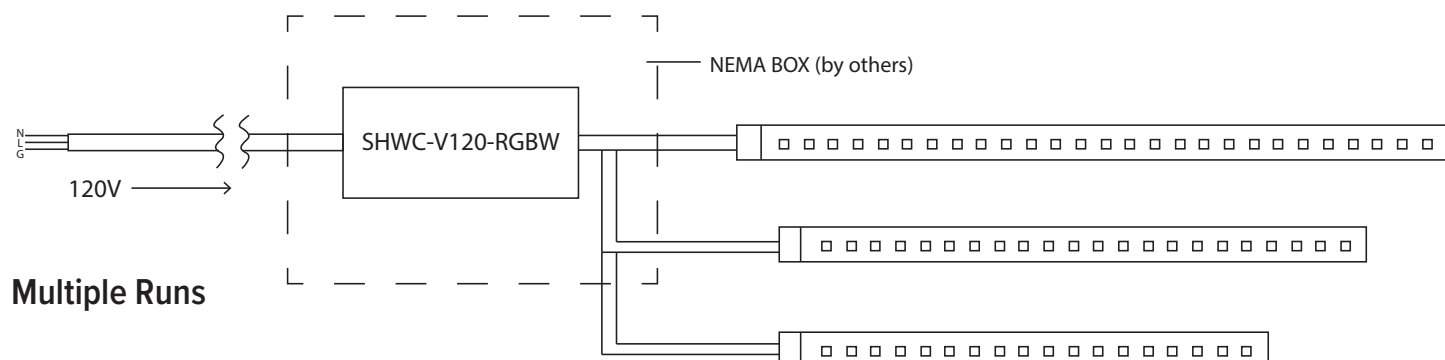
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### WIRING DIAGRAM

Your Space  
Just Got Smarter



### Single Run

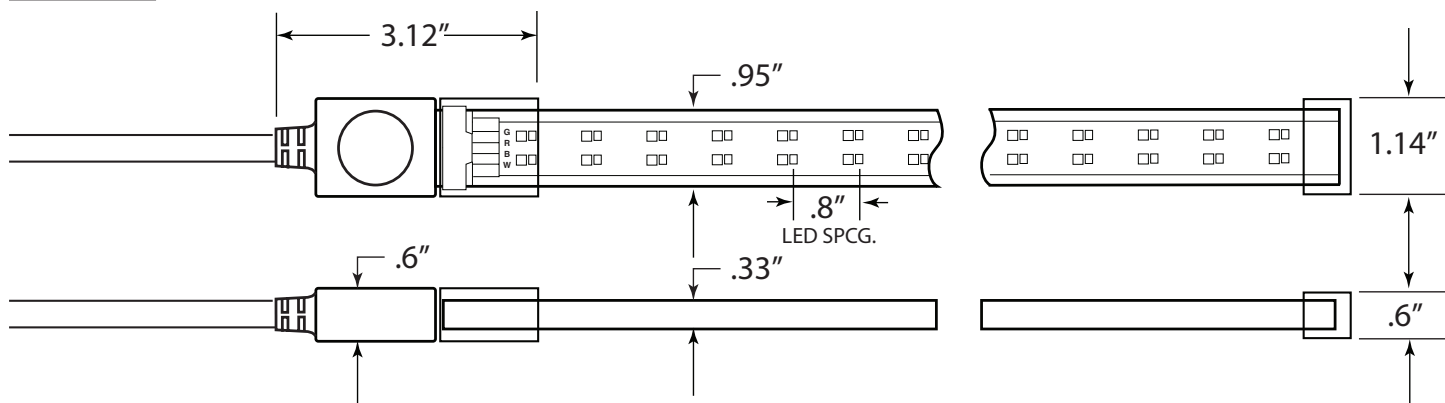


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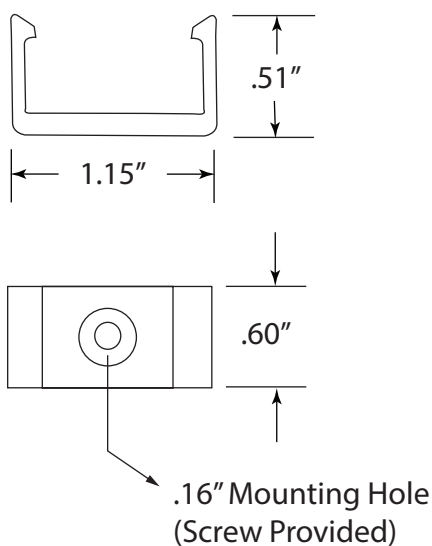
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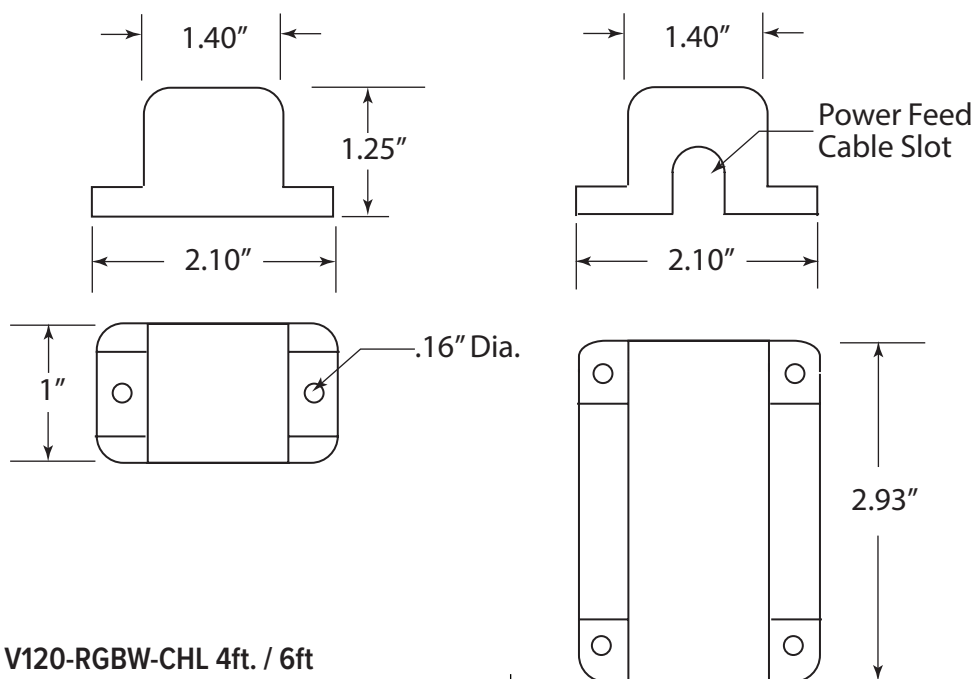
### DIMENSIONS



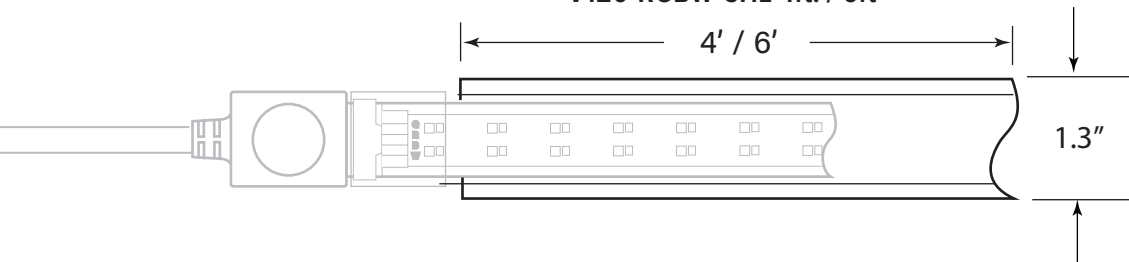
### V120-RGBW-MC Mounting Clips



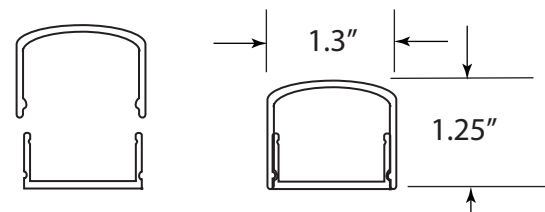
### Channel Accessories



### V120-RGBW-CHL 4ft. / 6ft



### V120-RGBW-CHL-LENS 4ft. / 6ft.

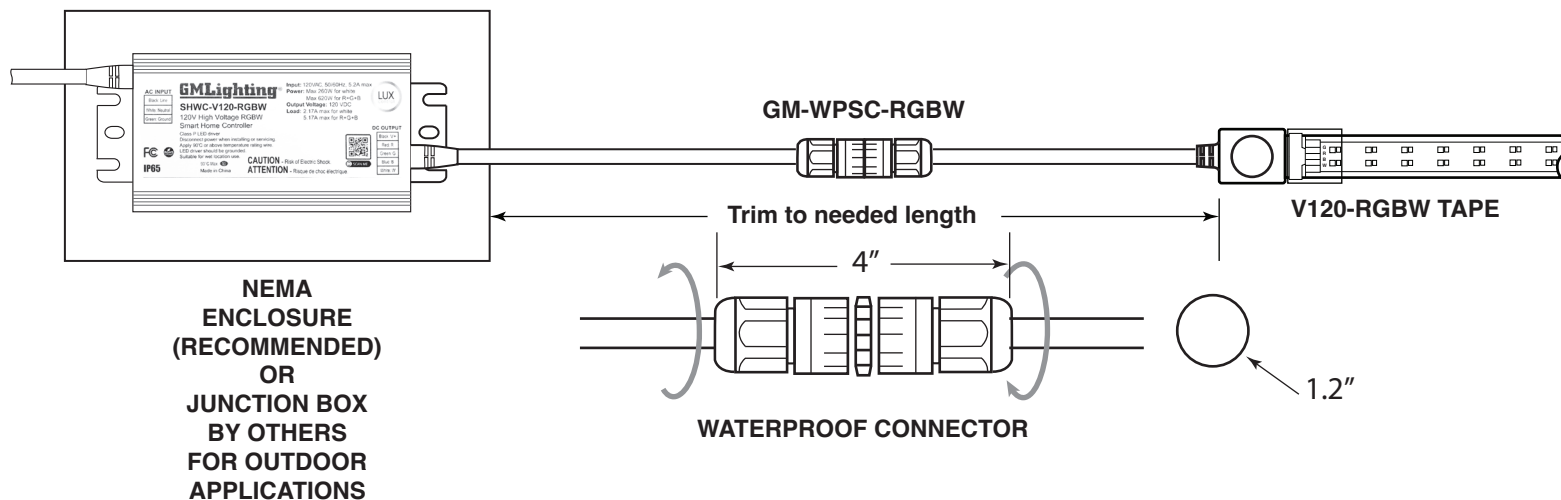
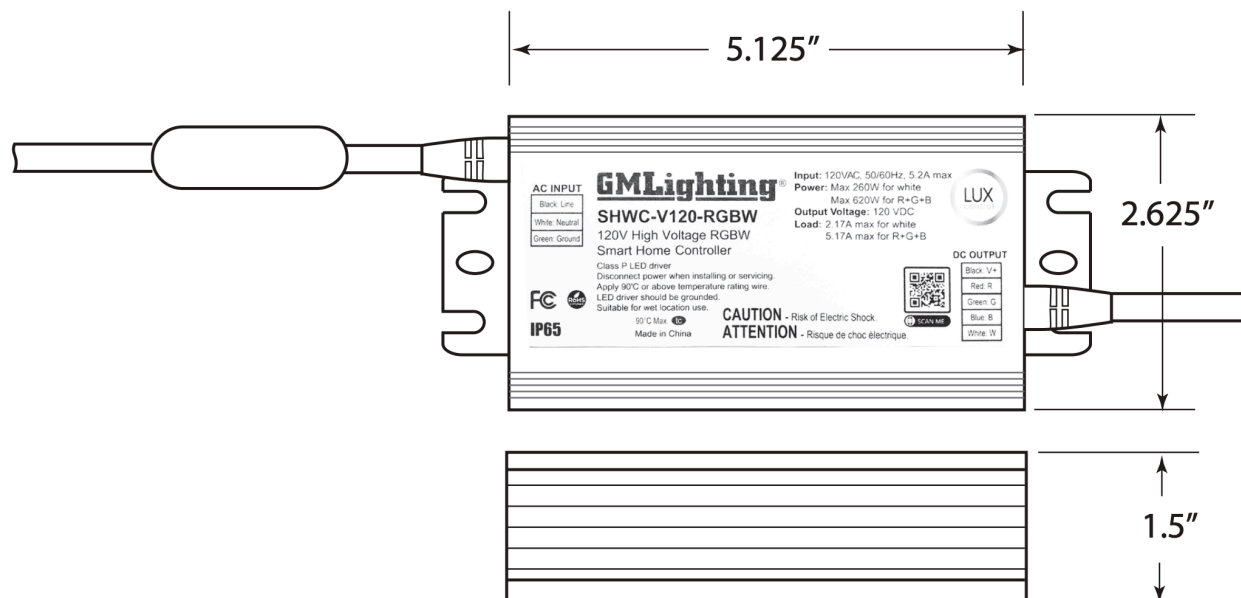


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### DIMENSIONS



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### RF CONTROLLER

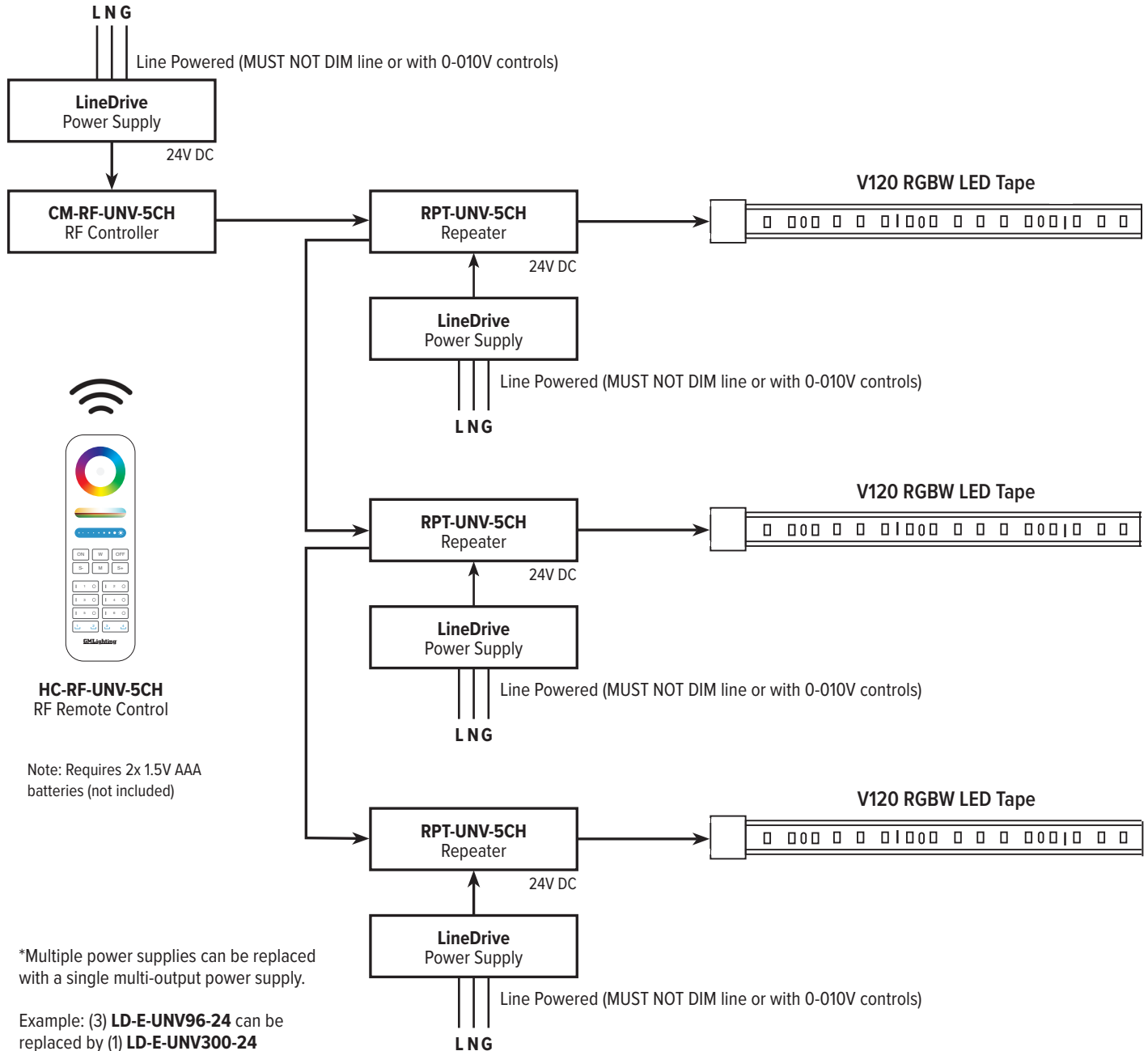
Incoming power for (L N G) options can be 120V or 277V.

Check power supply for proper input voltage and output power required.

Power Supply output voltage must match LED operating voltage. (24VDC)

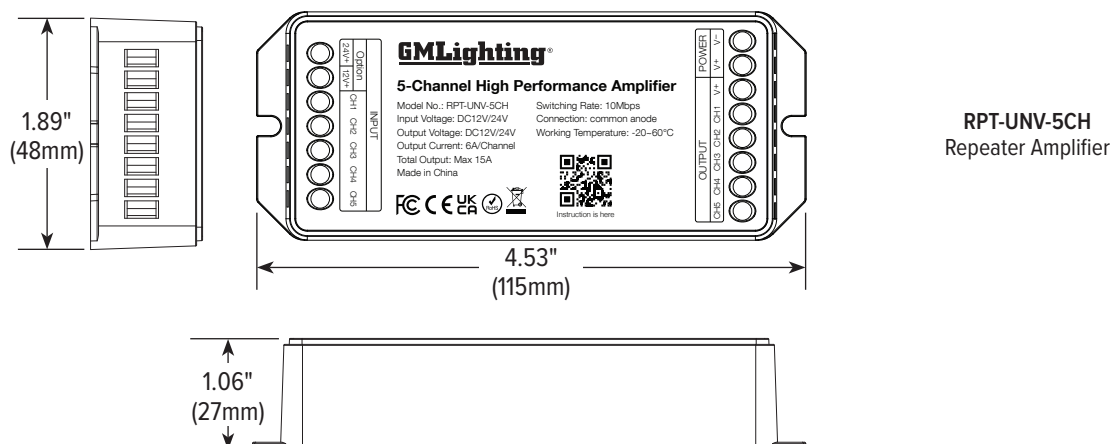
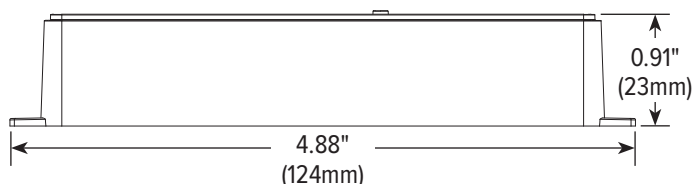
Power supply used **MUST NOT BE DIMMED** at the input to properly power the controls.

See Controller instructions for pairing and wiring details.



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## RF REMOTE CONTROLLER AND REPEATER



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### RF HAND HELD REMOTE FEATURES AND DIMENSIONS

