

Vision120™ RGBW

3W Indoor and Outdoor Flexible LED Tape Specification Sheet



Project Name	Type
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Catalog #	Date
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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

OPERATING TEMP

- -4 to 122°F (-20 to +50°C)

CERTIFICATION

- IP65
- ETL

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

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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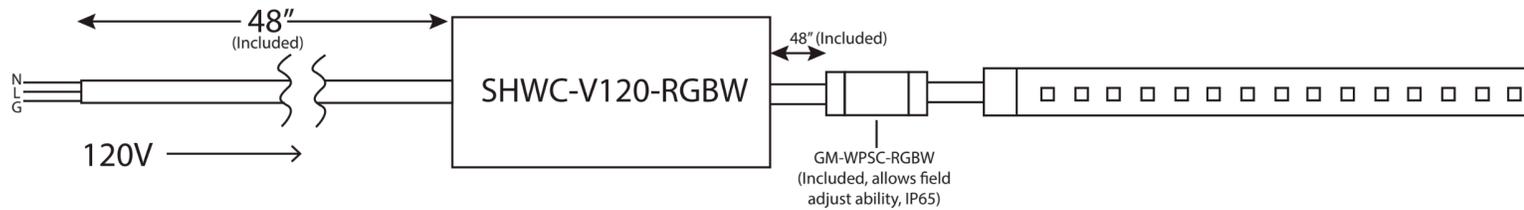
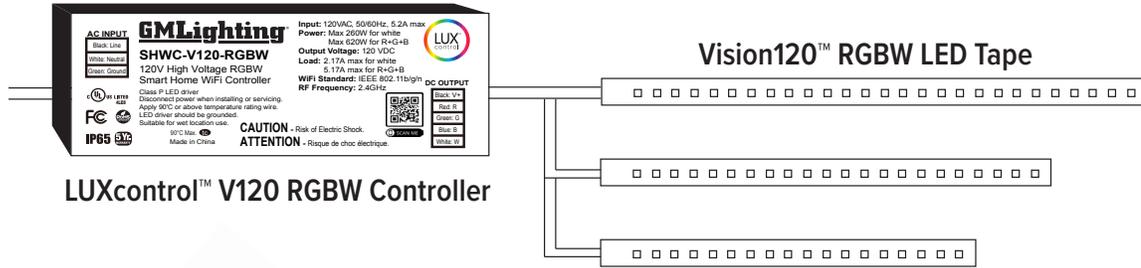
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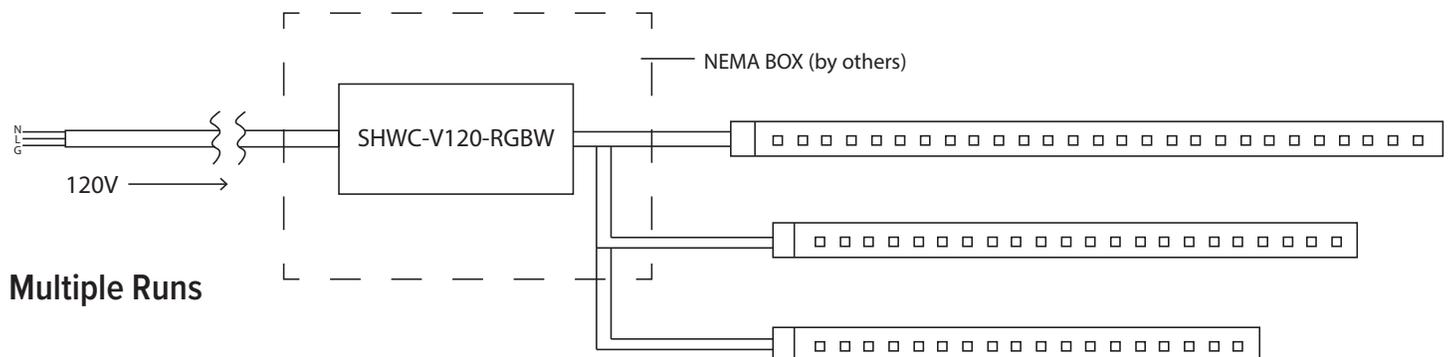
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WIRING DIAGRAM



Single Run



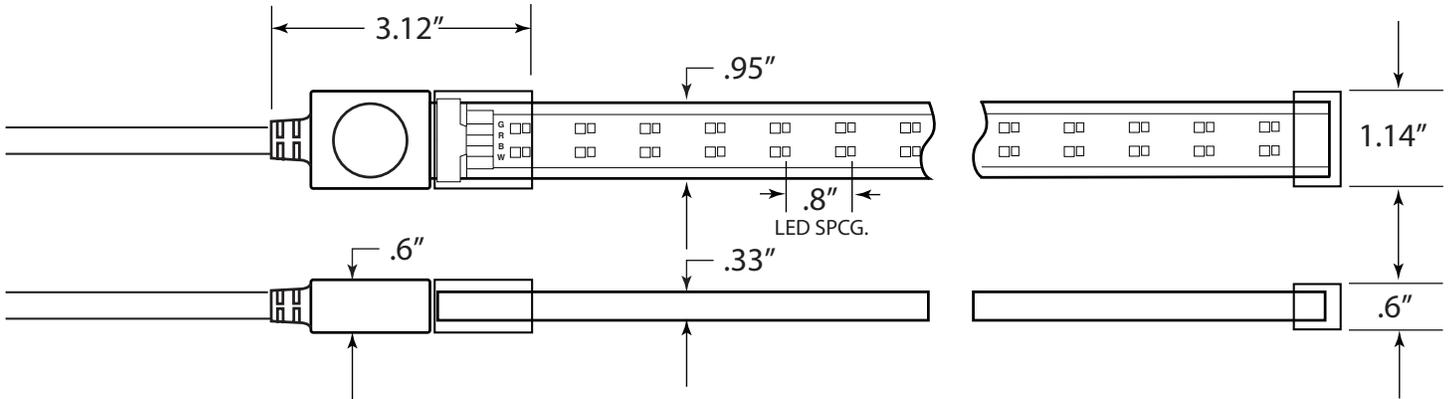
Multiple Runs

Vision120™ RGBW

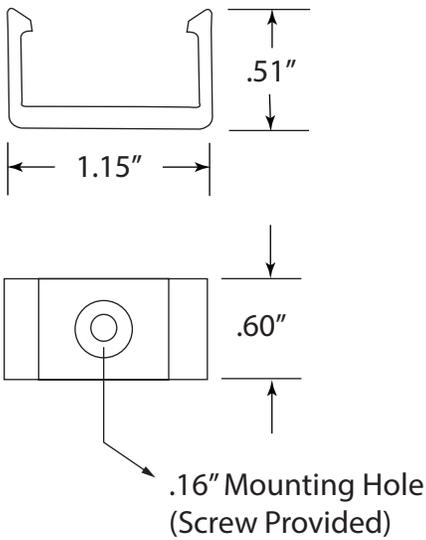
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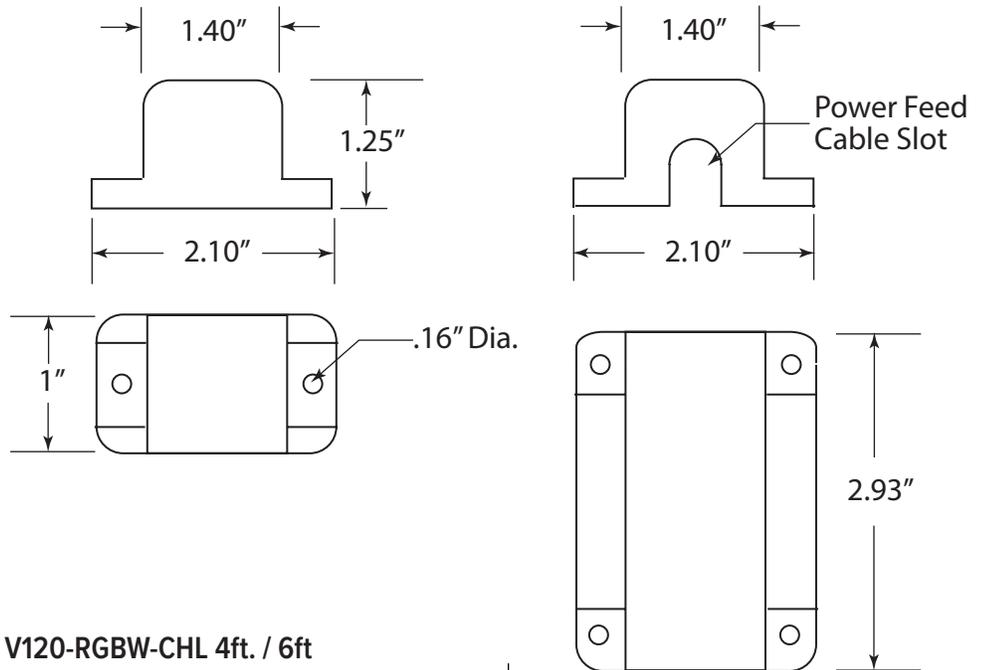
DIMENSIONS



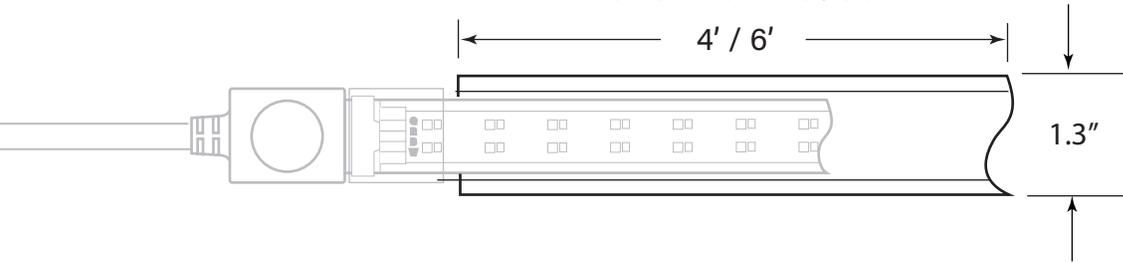
V120-RGBW-MC Mounting Clips



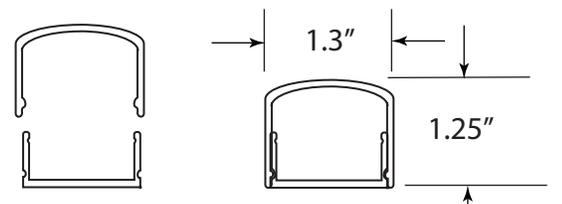
Channel Accessories



V120-RGBW-CHL 4ft. / 6ft



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

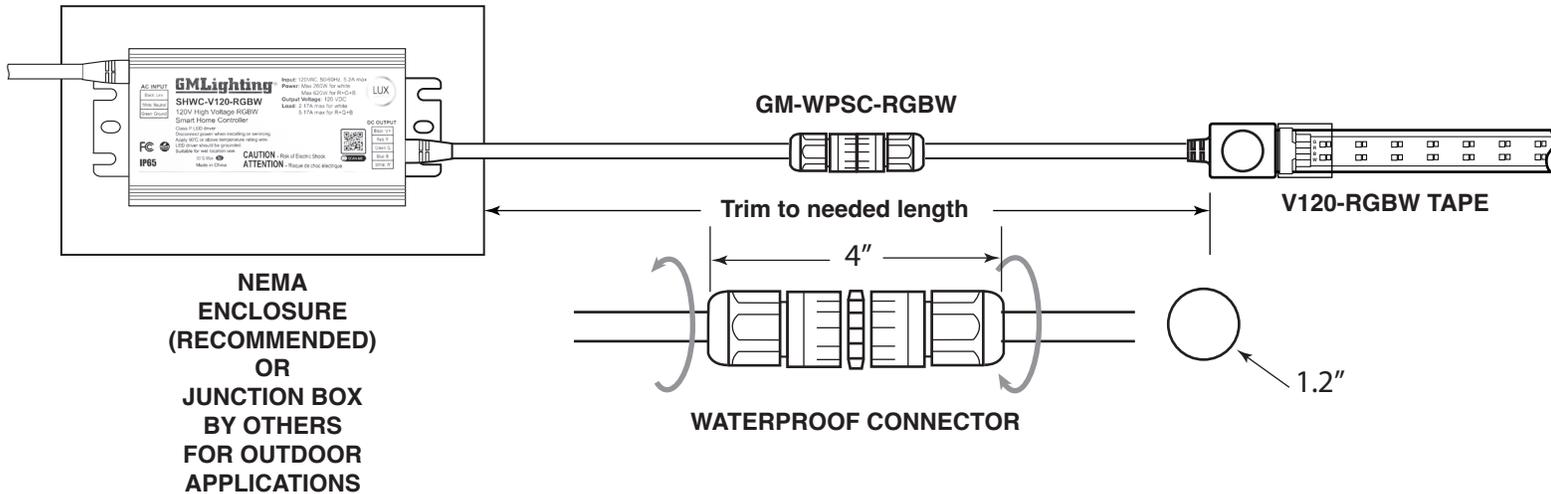
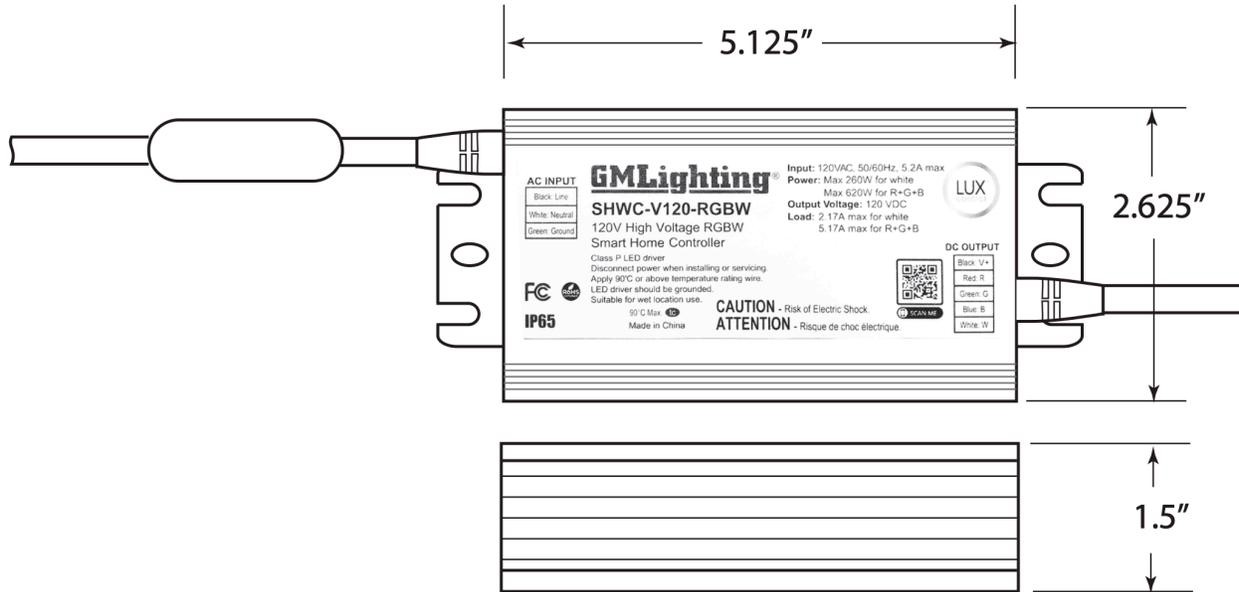


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DIMENSIONS



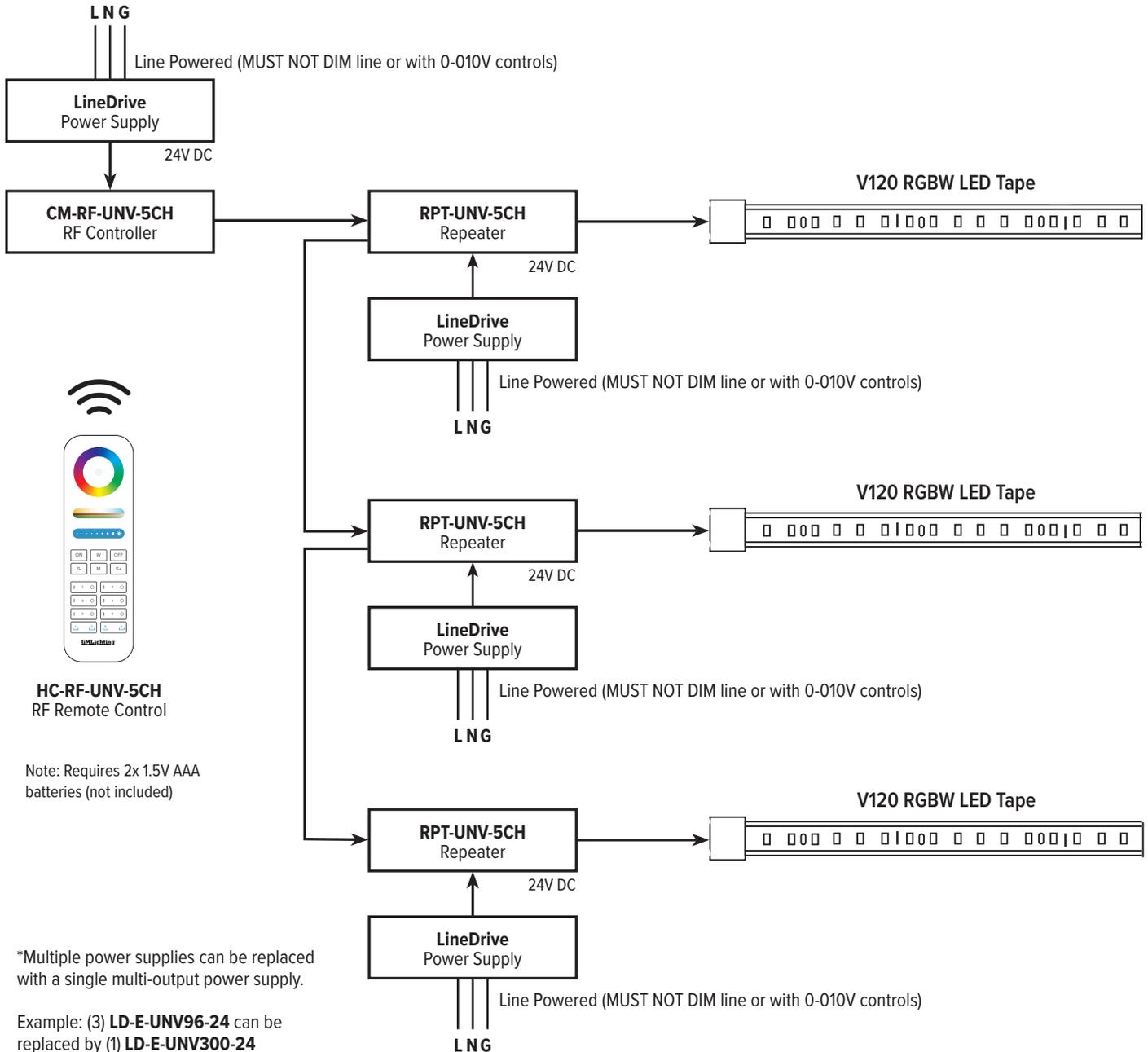
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RF CONTROLLER

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.



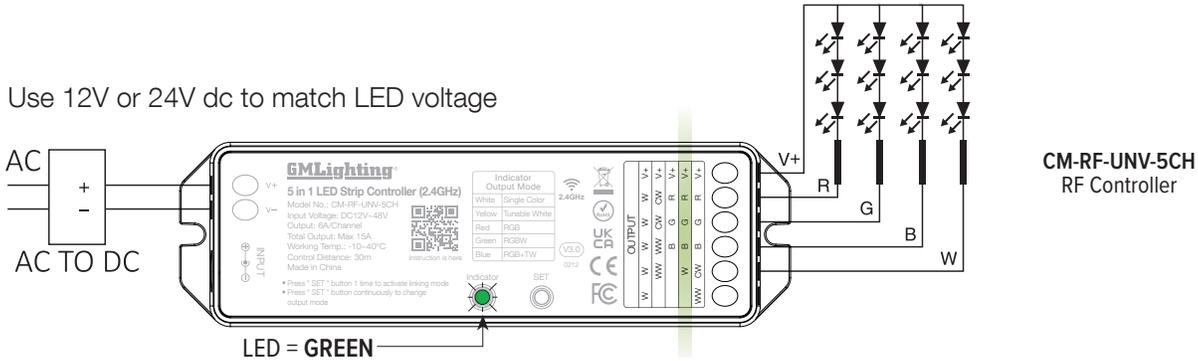
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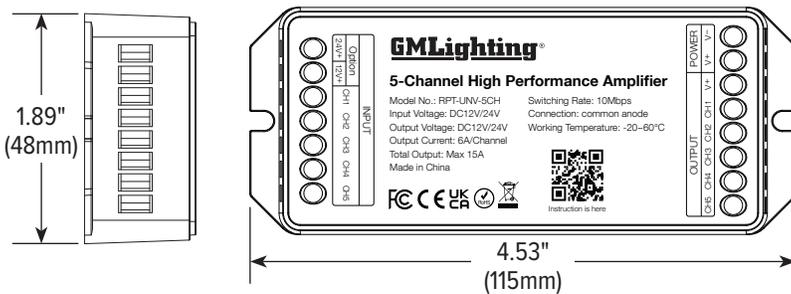
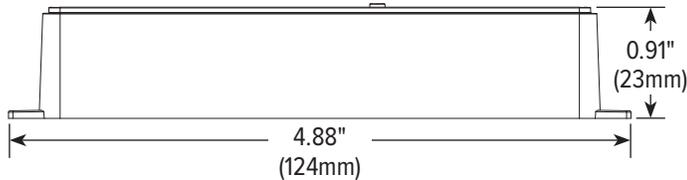
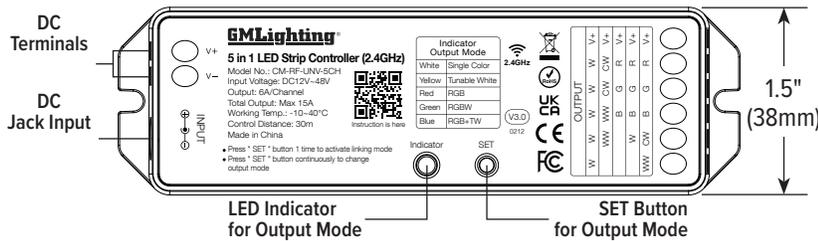


RF REMOTE CONTROLLER AND REPEATER

Use 12V or 24V dc to match LED voltage



DIMENSIONS



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RF HAND HELD REMOTE FEATURES AND DIMENSIONS

RF Remote Control
HC-RF-UNV-5CH
with Built-In Effects

