Vision120™ RGBW

3W Indoor and Outdoor Flexible LED Tape Specification Sheet

GMLighting®

Project Name	Type
Catalog #	Date

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.

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

Example: V120-RGBW-xx

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

ACCESSORIES

Model	Description
V120-RGBW-CHL4	120V RGBW LED tape aluminum mounting channel, 4ft. (3M tape supplied)
V120-RGBW-CHL8	120V RGBW LED tape aluminum mounting channel, 8ft. (3M tape supplied)
V120-RGBW-CHL-LENS4	120V RGBW LED tape channel lens, 4ft. (indoor and *outdoor)
V120-RGBW-CHL-LENS8	120V RGBW LED tape channel lens, 8ft. (indoor and *outdoor)
V120-RGBW-CHL-MC	120V RGBW LED tape aluminum channel mounting clips
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

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

Note: For layouts and configurations, visit www.gmlighting.net. Each run includes endcap and inline fuse.

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

Your Space
Just Got Smarter

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)

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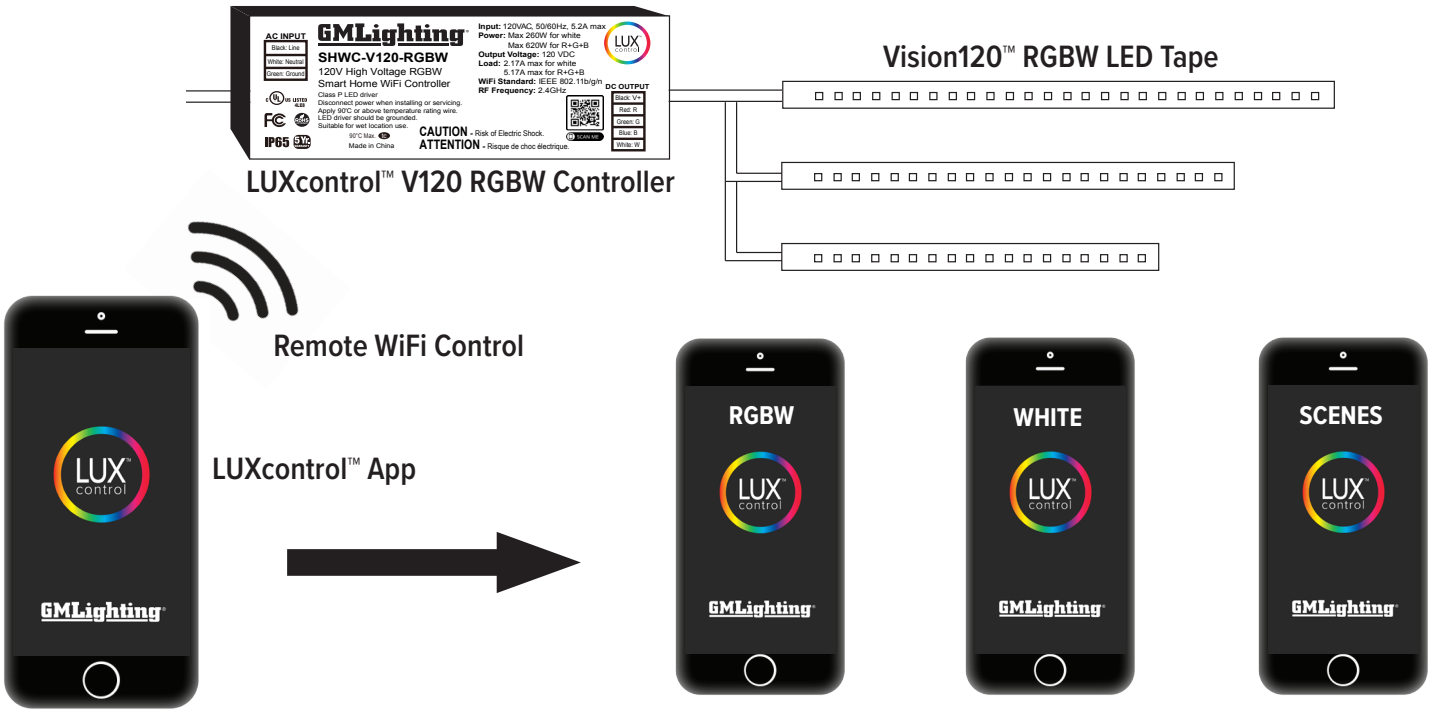
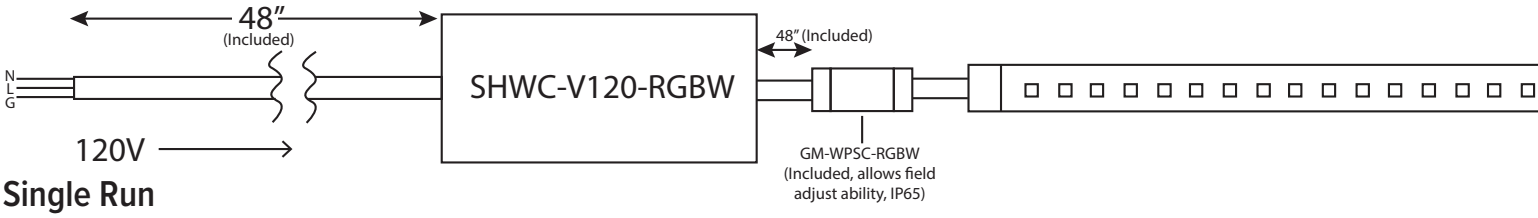
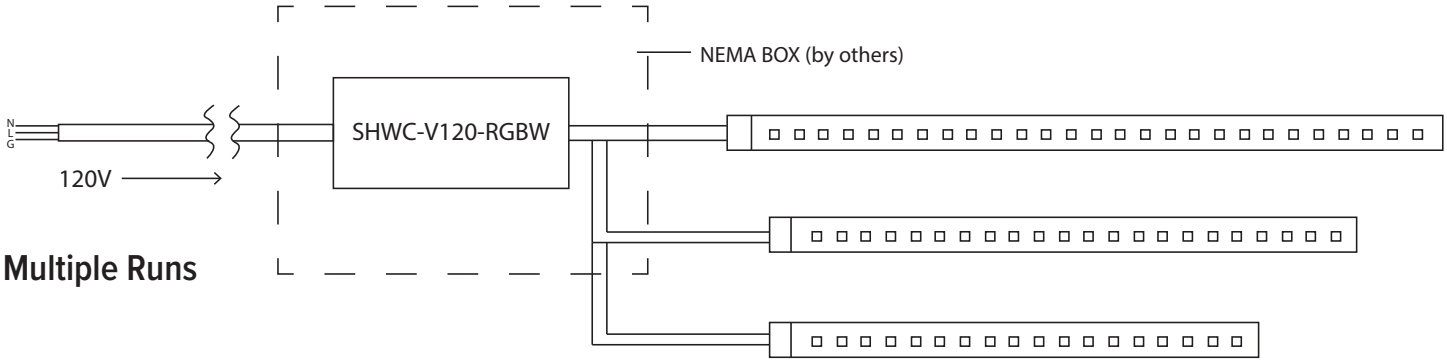
WIRING DIAGRAM





Single Run



Multiple Runs

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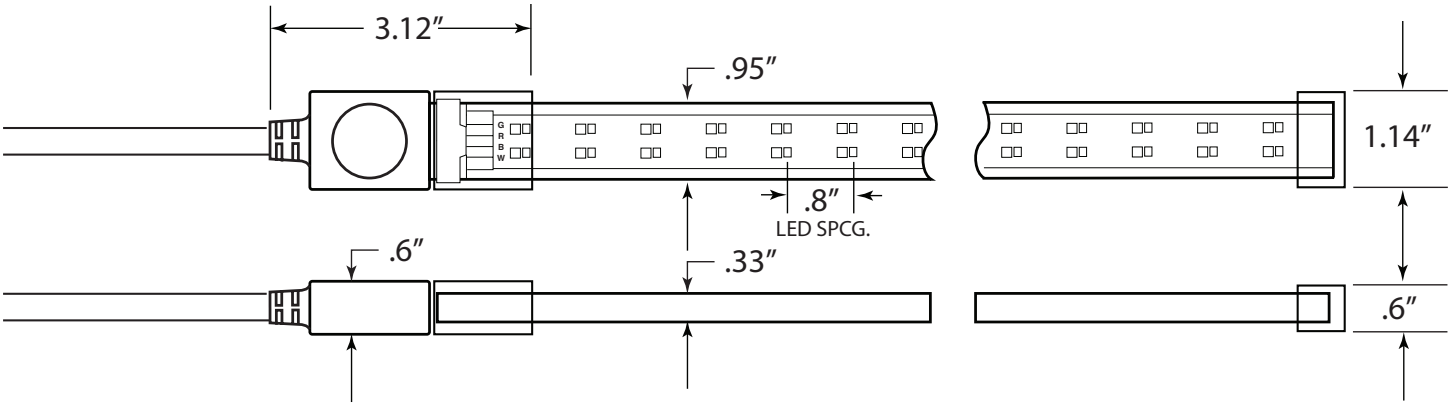
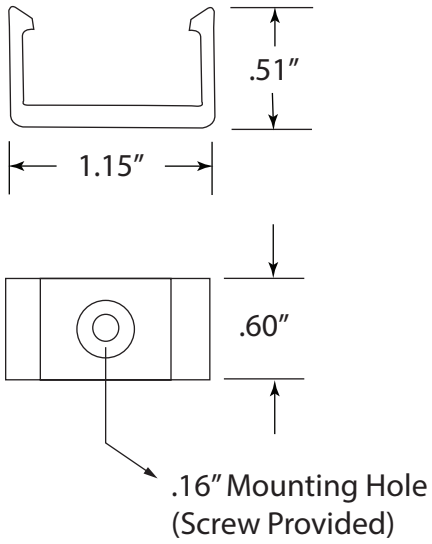
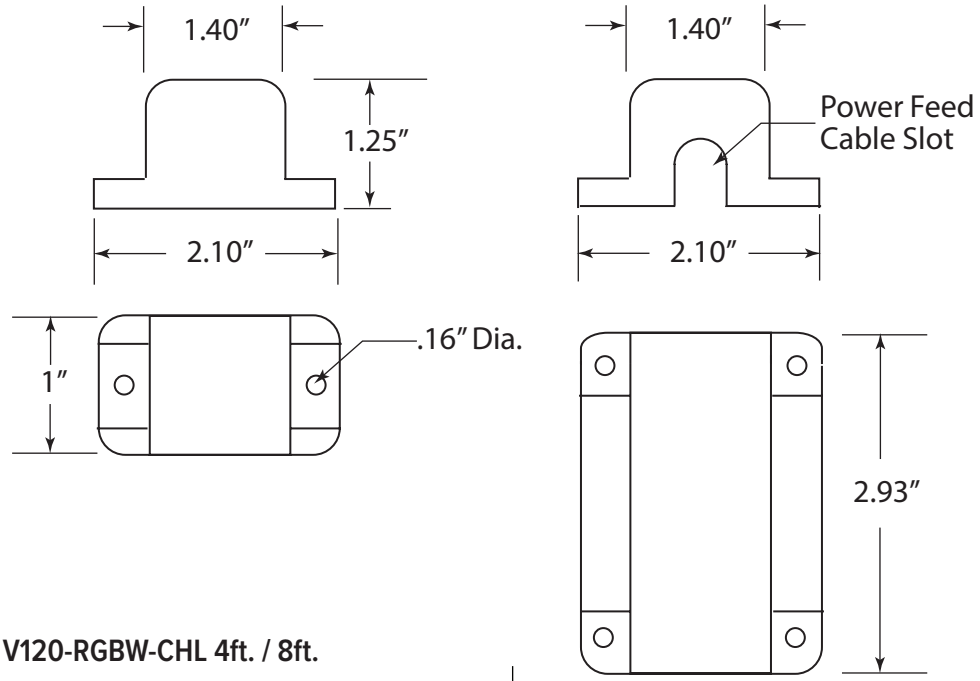
DIMENSIONS



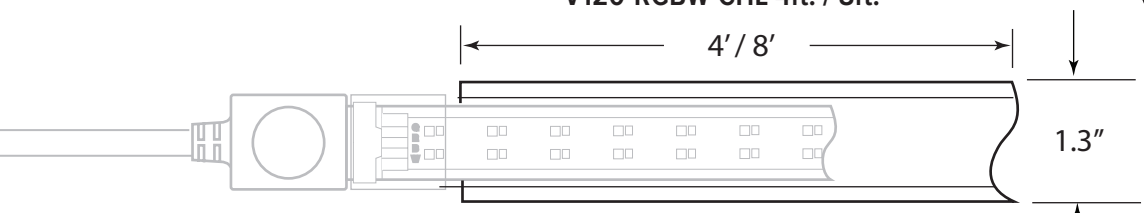
V120-RGBW-MC
Mounting Clips



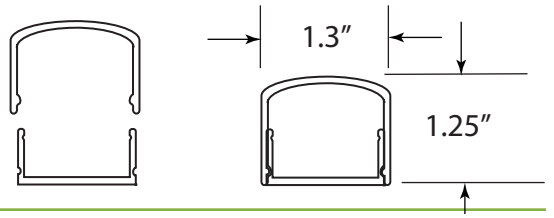
Channel Accessories



V120-RGBW-CHL 4ft. / 8ft.



V120-RGBW-CHL-LENS 4ft. / 8ft.



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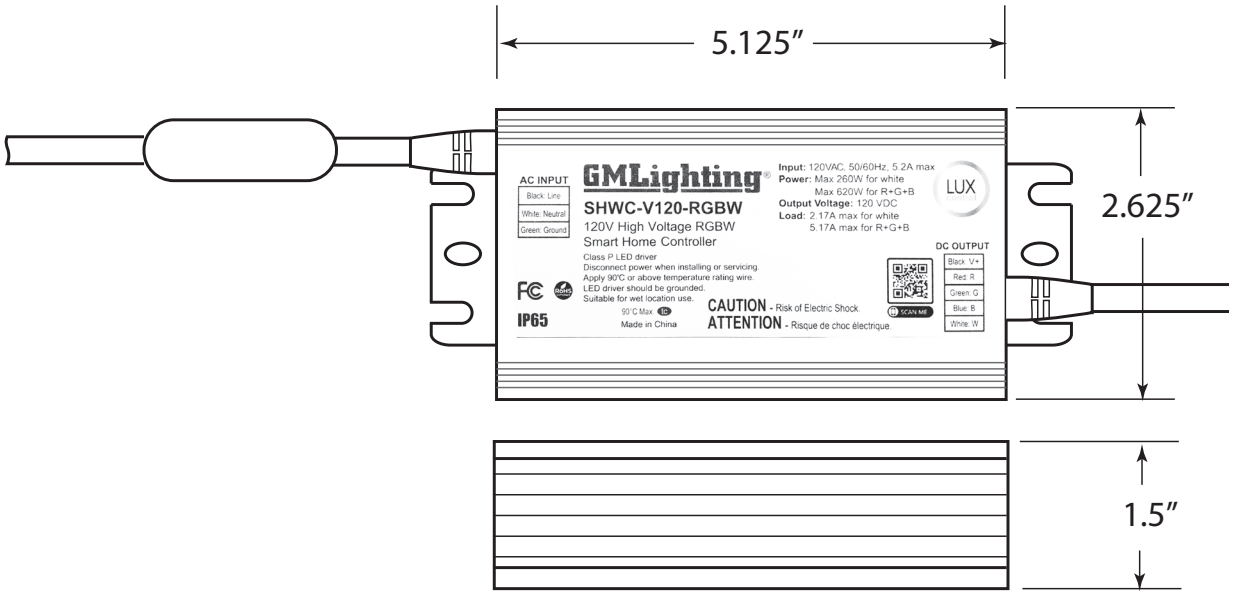

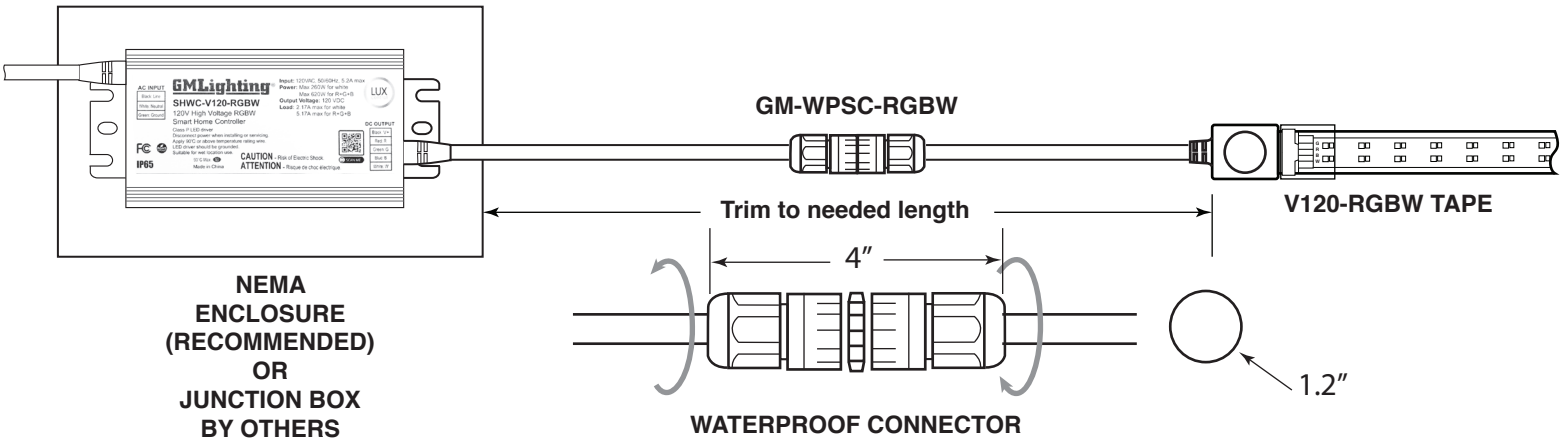

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