

NeoVision24 RGBW

Flexible Neon LED Tape Specification Sheet

GM Lighting®

Project Name

Type

Catalog #

Date

PRODUCT OVERVIEW

A 24VDC RGBW, flexible linear 'neon' tape that is field cuttable. Designed for applications that requires a neon-like ultra-rich, saturated color with 3500K white. SideFlex enables horizontal bending and TopFlex enables vertical bending that conforms tape around curvilinear surfaces.



FEATURES

- RGB with 3500K white
- Comes with power feed on each end (2 runs per reel, end cap included)
- Tape encased in UV stable silicone (UV protected)
- Wireless control with LUXcontrol App and controller
- Controllable with handheld remote
- 120° viewing angle
- Maximum run: 16'-4"
- Cut and cap only in 2.5 inch increments
- Power feed on each end (two runs/reel, end cap included)
- Mounting clips included (recommend use one per foot)

SPECIFICATIONS

ELECTRICAL

- 24VDC
- 4.3W per foot

PHOTOMETRIC

- 90+ CRI

AMBIENT OPERATING TEMP

- -13°F - 131°F

CERTIFICATION

- UL
- IP65

WARRANTY

- 5 years when paired with GM power supply



ORDERING INFORMATION

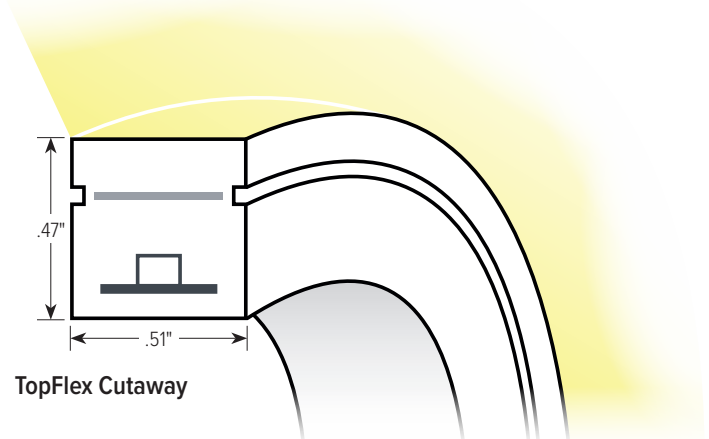
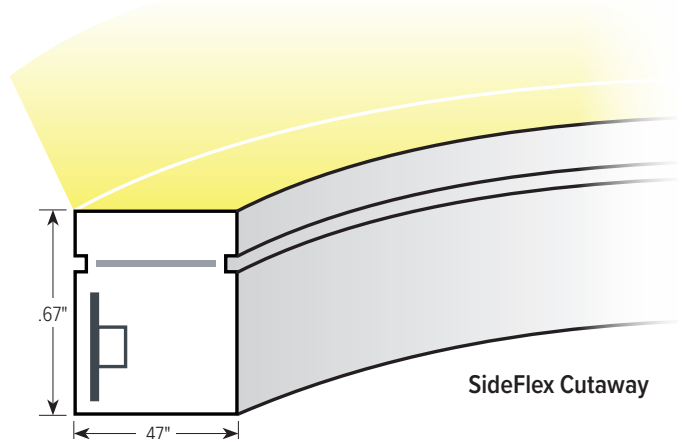
Product No.	Watts/ft	Length	Lumens/ft	White Color Temp
NV24S-4W-RGBW-16	4.3W	16'-4"	N/A	3500
NV24T-4W-RGBW-16	4.3W	16'-4"	N/A	3500

Max Run: 16'-4"

Kelvin temperature (color) ±100K.

NOTE: Every reel includes tape-to-power feed with 48" of lead on both ends.

16' RGBW SideFlex reel includes (16) NV24S-MC-A mounting clips and screws. 16' RGBW TopFlex reel includes (16) NV24T-MC-A mounting clips and screws.



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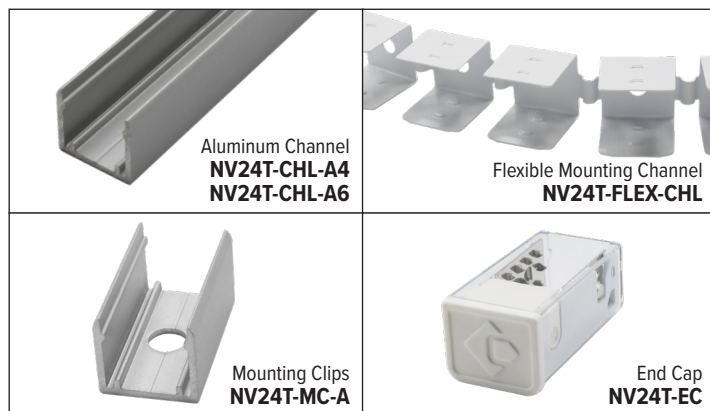
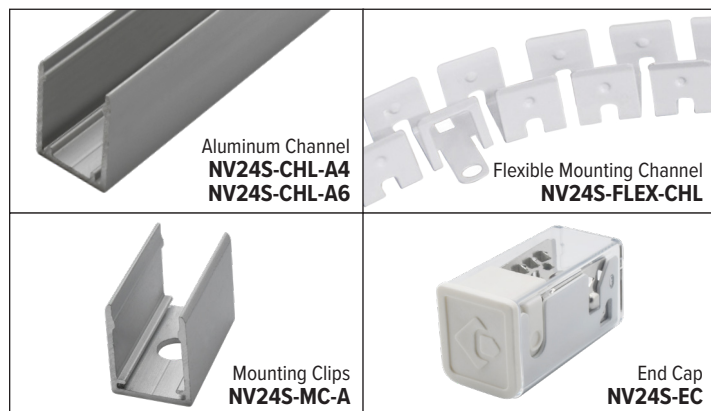
RGBW SIDEFLEX ACCESSORIES

Product No.	Description
NV24S-CHL-A4	Aluminum Channel, 4 ft.
NV24S-CHL-A6	Aluminum Channel, 6 ft.
NV24S-FLEX-CHL	Flexible Mounting Channel, 39.5"
NV24S-MC-A	Aluminum Mounting Clips (set of 20)
NV24S-EC	End Cap
NV24-CT	Tape Cutting Tool

RGBW TOPFLEX ACCESSORIES

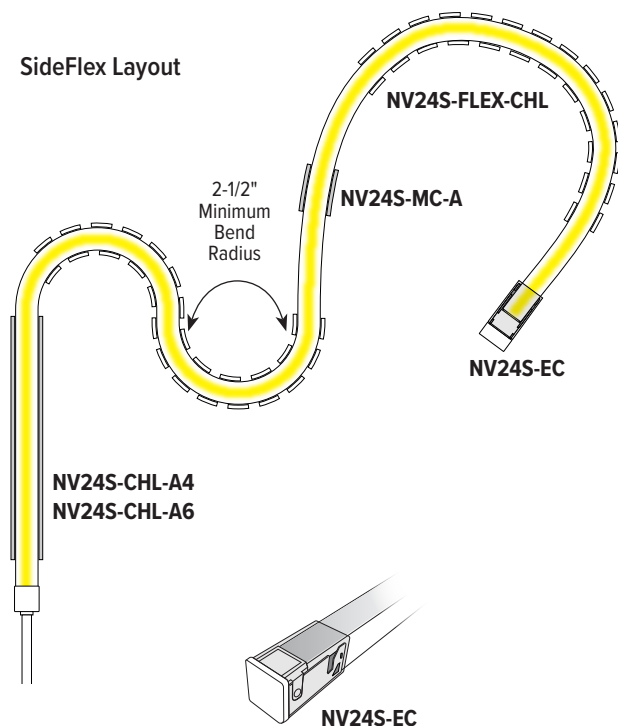
Product No.	Description
NV24T-CHL-A4	Aluminum Channel, 4 ft.
NV24T-CHL-A6	Aluminum Channel, 6 ft.
NV24T-FLEX-CHL	Flexible Mounting Channel, 39.5"
NV24T-MC-A	Aluminum Mounting Clips (set of 20)
NV24T-EC	End Cap
NV24-CT	Tape Cutting Tool

The above connectors, channels, mounting clips and caps are for the exclusive use of **NeoVision24 RGBW SideFlex and TopFlex Neon Tape** and are ordered separately.

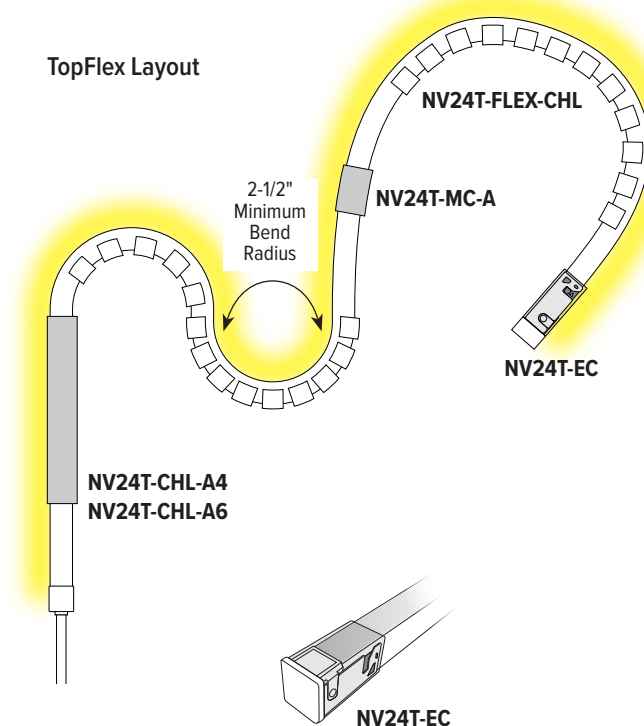


Tape Configuration Examples

SideFlex Layout



TopFlex Layout



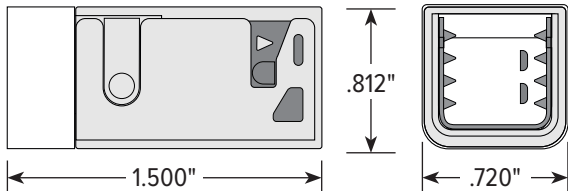
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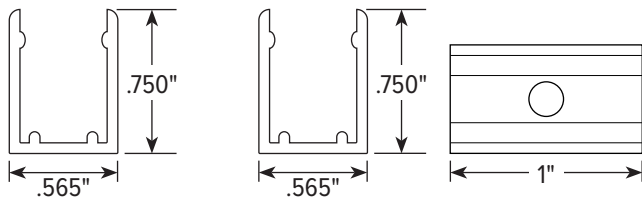
SIDEFLEX DIMENSIONS

NV24S-EC

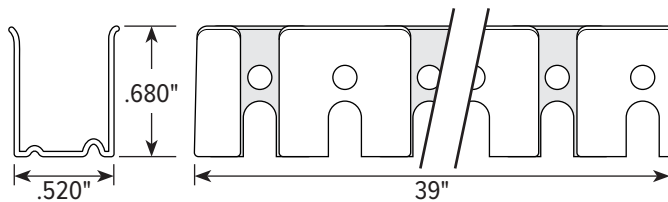


NV24S-CHL-A4 (4' L) NV24S-CHL-A6 (6' L)

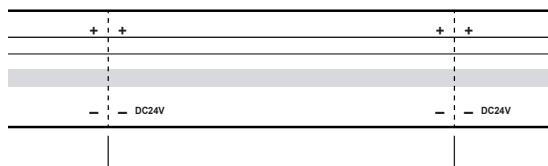
NV24S-MC-A



NV24S-FLEX-CHL



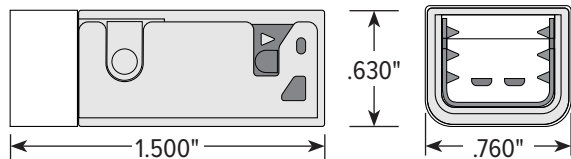
SideFlex Tape



Cuttable every 2.5"

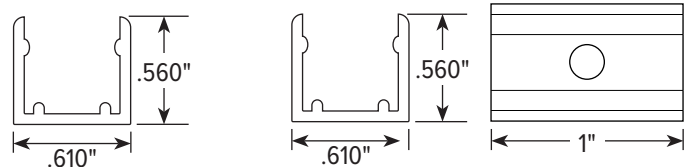
TOPFLEX DIMENSIONS

NV24T-EC

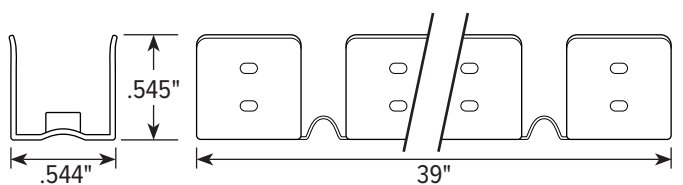


NV24T-CHL-A4 (4' L) NV24T-CHL-A6 (6' L)

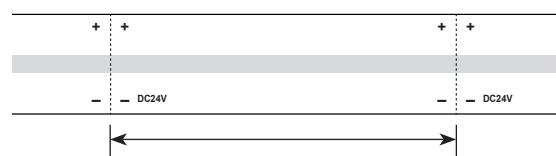
NV24T-MC-A



NV24T-FLEX-CHL



TopFlex Tape



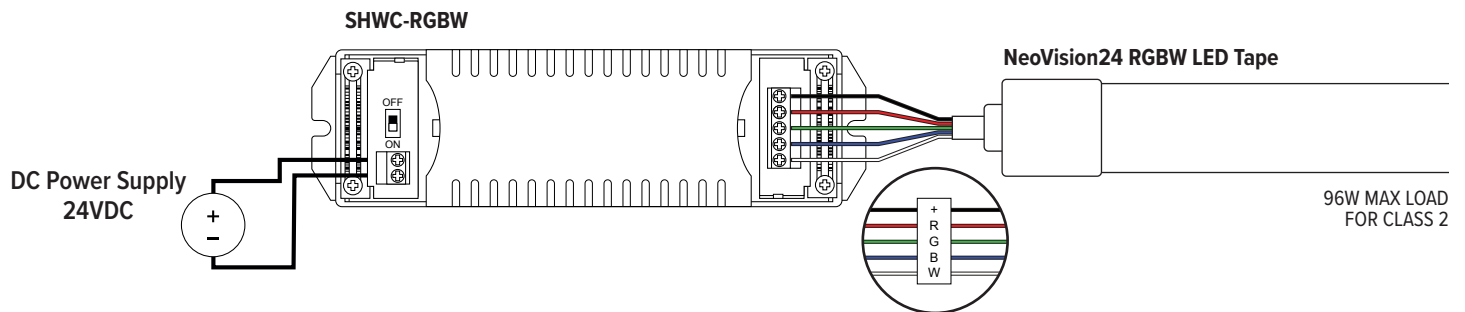
Cuttable every 2.5"

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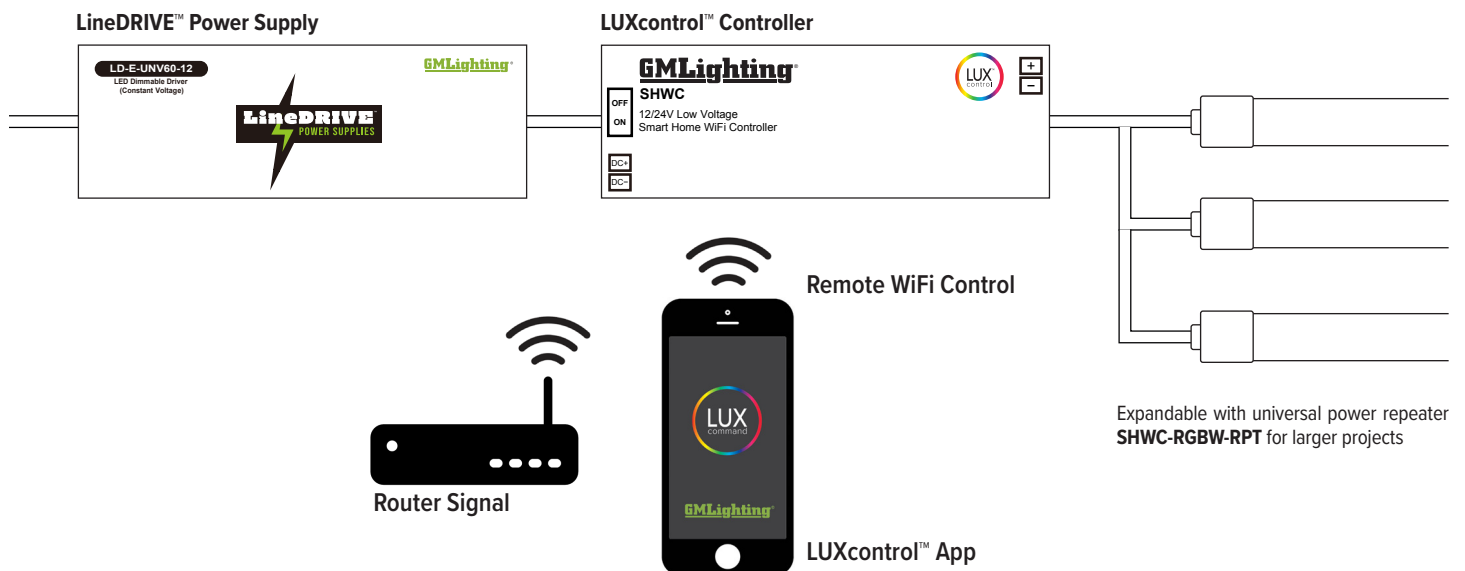
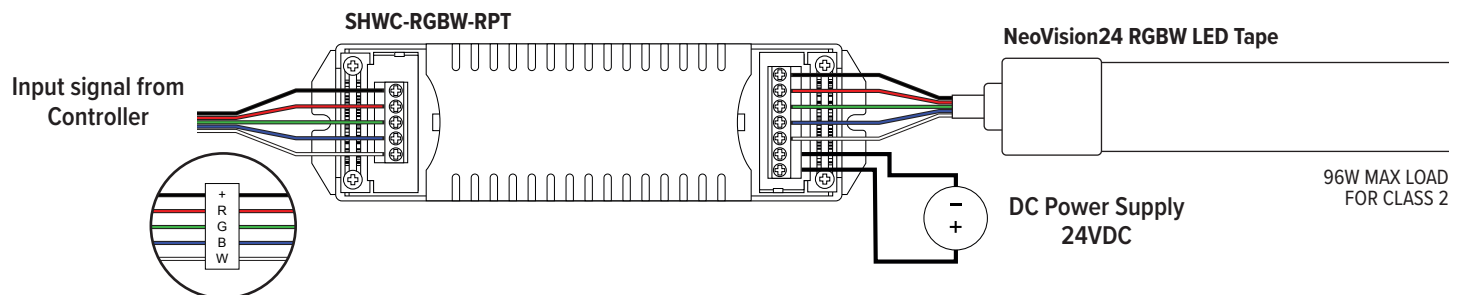
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SHWC-RGBW LUXCONTROL WIFI CONTROLLER



SHWC-RGBW and Repeater Wiring



CONTROLLERS

Product No.	Description
SHWC*	Smart 2.4 GHz WiFi Controller, Standard 12V/24V Low Voltage, 1-Channel / 2-Wire
SHWC-RGBW-RPT*	Universal Smart Power Repeater

*NOTE: For use with LD-XD (dimmable) power supply only.
Not compatible with LD-MD (magnetic) power supply.

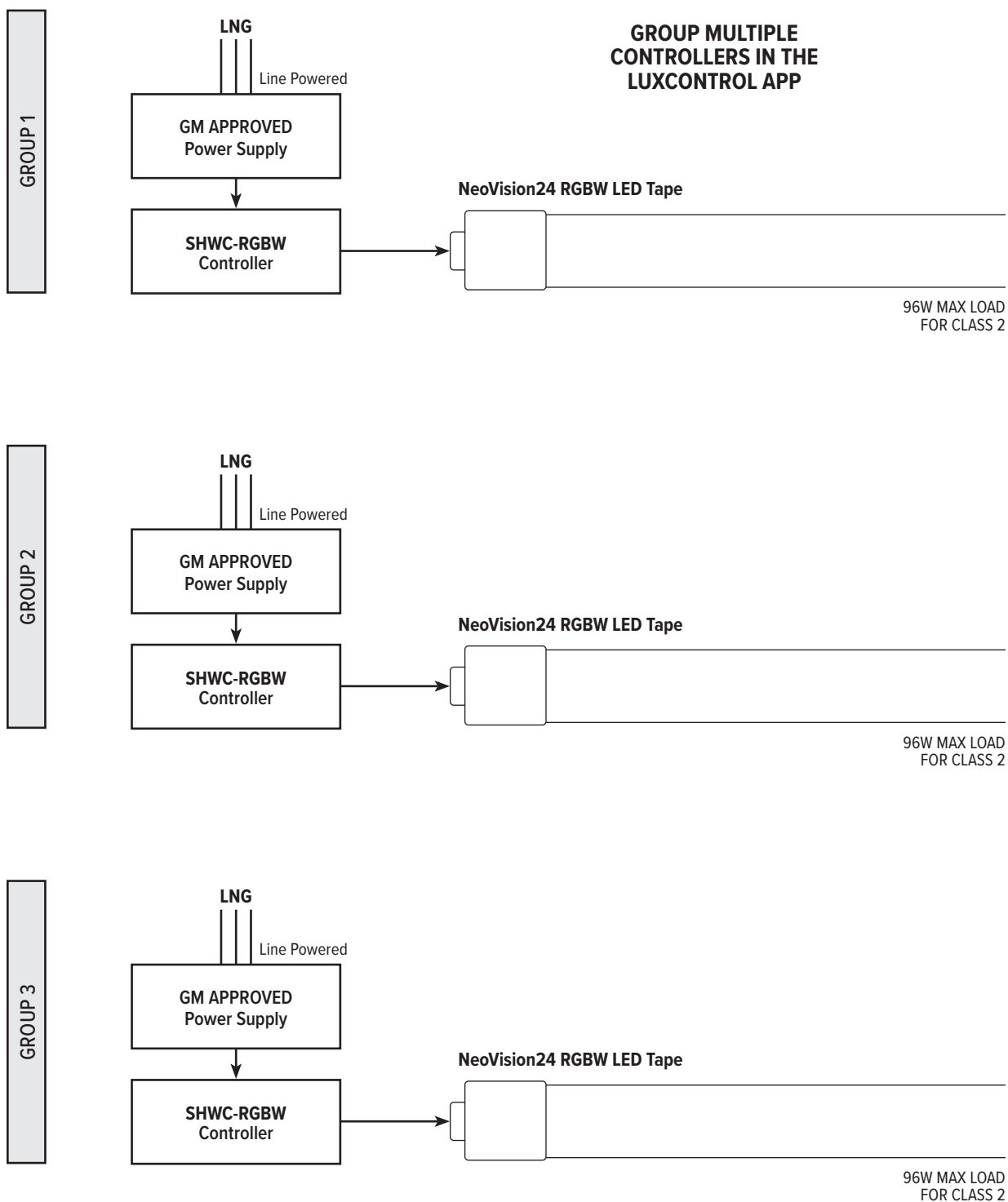
POWER SUPPLIES

Product No.	Description
LD-XD Series	LineDRIVE 24V Dimmable Power Supplies

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SHWC-RGBW LUXCONTROL WIFI CONTROLLER WIRING DIAGRAM

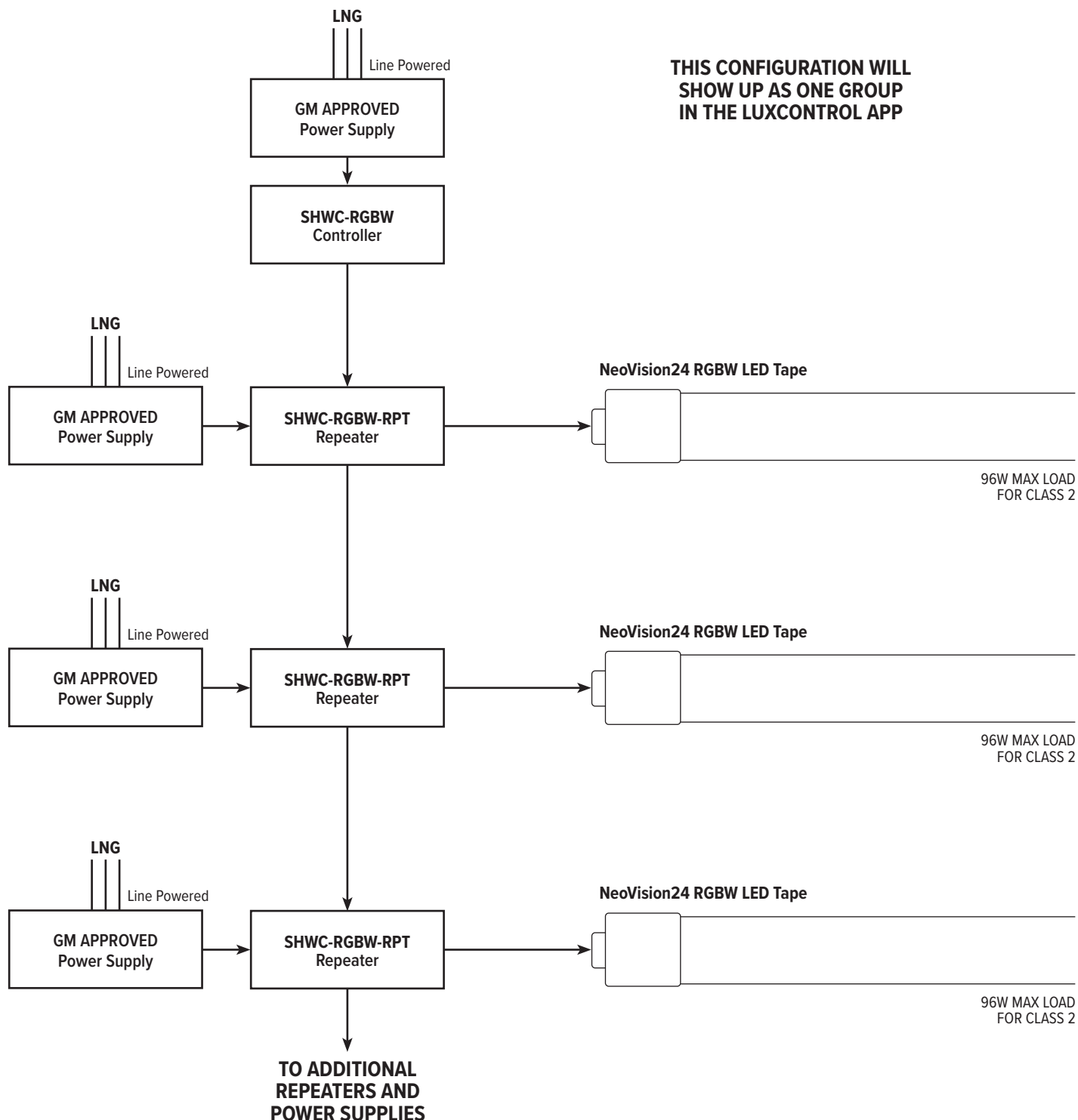


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SHWC-RGBW LUXCONTROL WIFI CONTROLLER WITH POWER REPEATER WIRING DIAGRAM

**THIS CONFIGURATION WILL
SHOW UP AS ONE GROUP
IN THE LUXCONTROL APP**

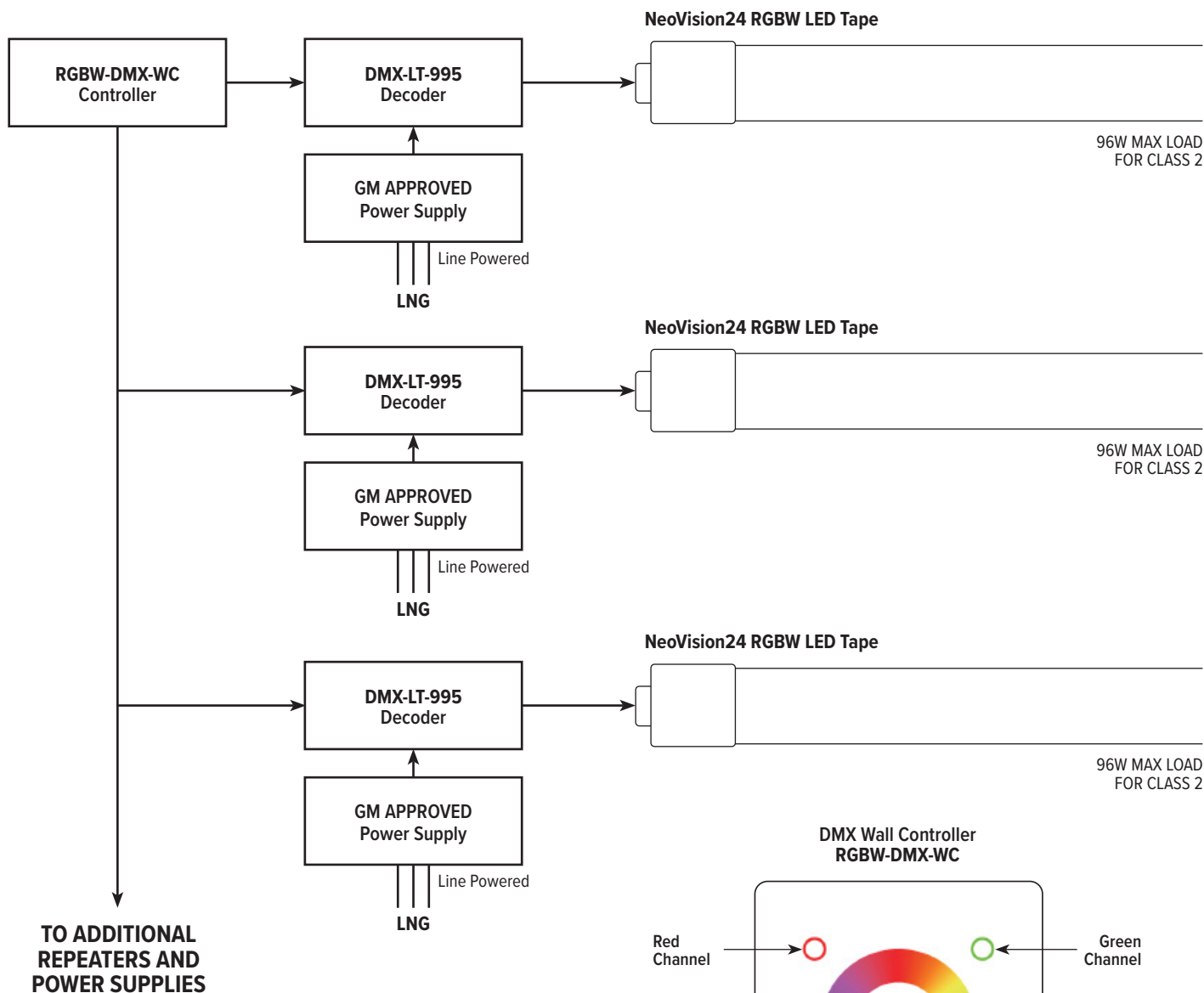


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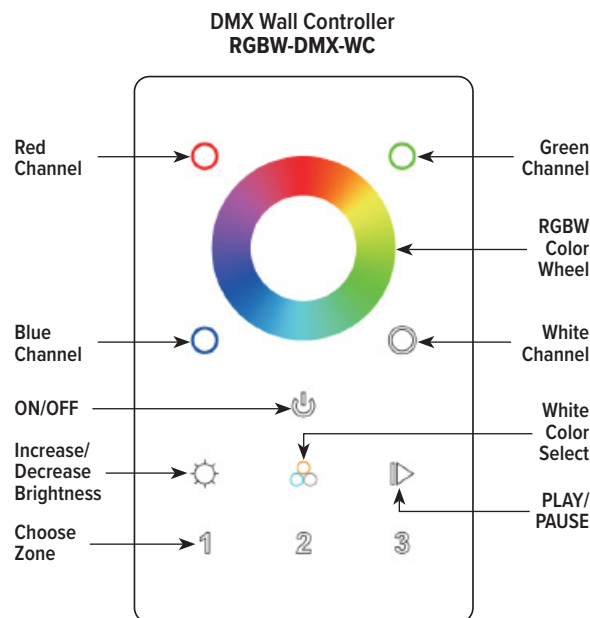
RGBW-DMX-WC DMX WALL CONTROLLER WIRING DIAGRAM



CONTROLLERS

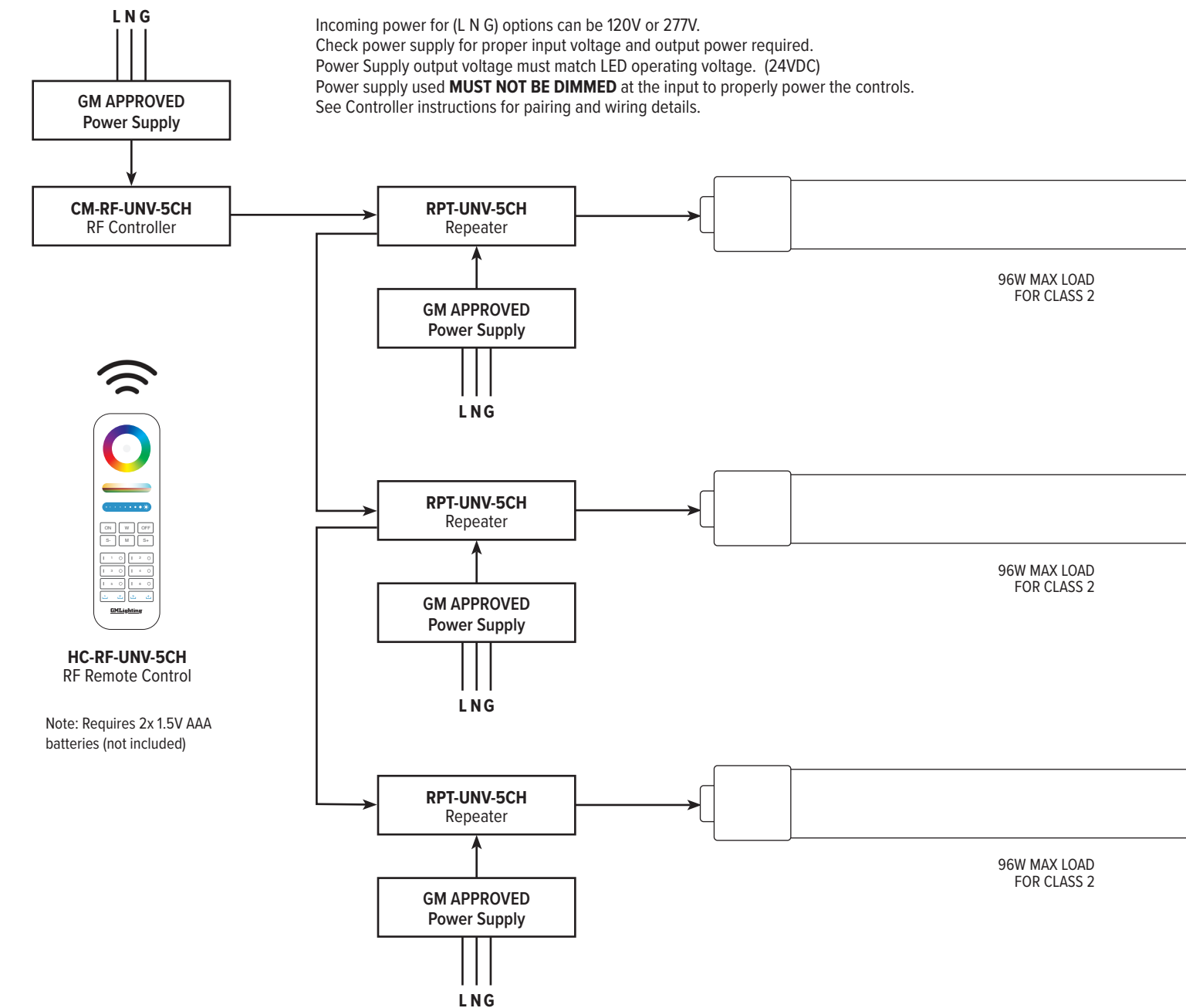
Product No.	Description
RGBW-DMX-WC	DMX512 Wall Controller
DMX-LT-995	DMX995 Decoder 12/24VDC 6A x 5CH 30A
DMX-TR-5	DMX Terminator Resistor 120 Ohm, 1/4 Watt, 5 pcs

NOTE: Use with non-dimmable power supply.



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UNIVERSAL RF CONTROLLER WIRING DIAGRAM



CONTROLLERS

Product No.	Description
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

Note: Multiple power supplies can be replaced with a single multi-output power supply.

POWER SUPPLIES

Product No.	Description
LD-XD Series	LineDRIVE 12V / 24V Power Supplies
LTP Series	24V Electronic LED Power Supplies

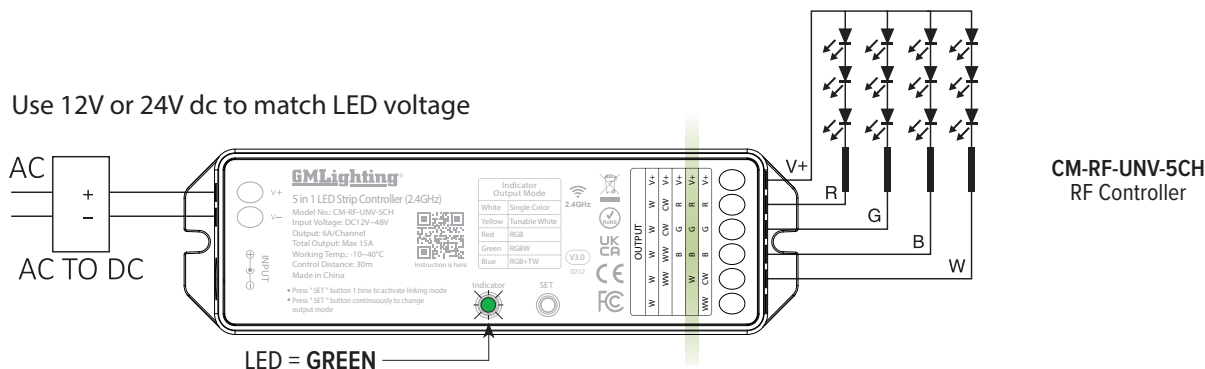
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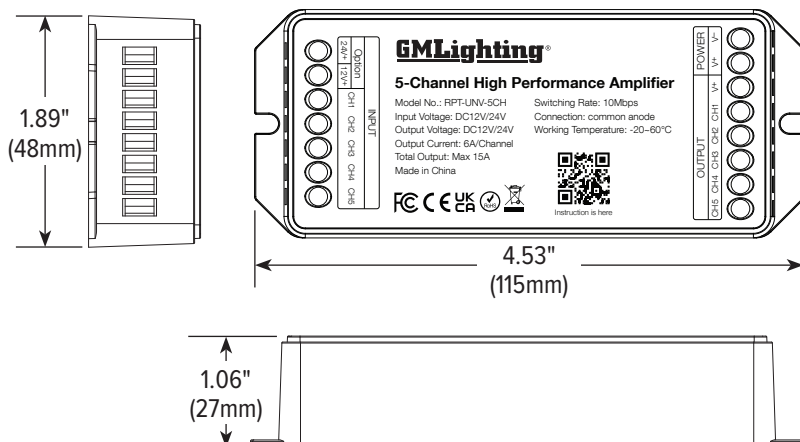
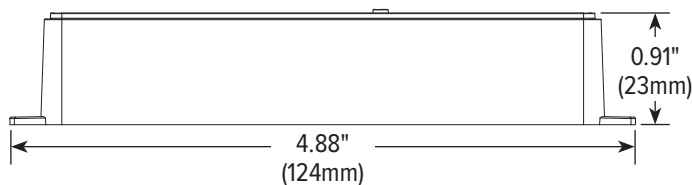
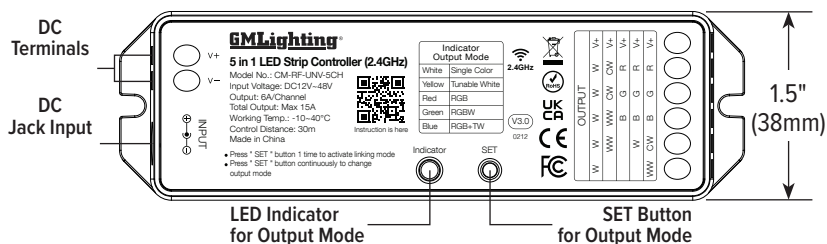
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RF REMOTE CONTROLLER AND REPEATER

Use 12V or 24V dc to match LED voltage



DIMENSIONS



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RF HAND HELD REMOTE FEATURES AND DIMENSIONS

