NeoVision24 SideFlex

Flexible Neon LED Tape
Specification Sheet

GMLighting®

Project Name	Type
Catalog #	Date

PRODUCT OVERVIEW

A 24VDC high transmission, flexible linear 'neon' tape that is field cuttable and joinable. Designed for applications that require ultra-rich light and color saturation that is characteristic of neon. SideFlex enables horizontal bending that conforms tape around curvilinear surfaces.

FEATURES

- Multiple power feed options
- Tape encased in UV stable silicone (UV protected)
- Wireless control with LUXcontrol App and controller
- 2700K, 3000K, 4000K / Amber, Blue, Green or Red
- 120° viewing angle
- Maximum run: 32'-8"
- Cuttable and joinable in two inch increments
- Each run requires an end cap (sold separately)
- No tools required for capping and joining
- Mounting clips included (recommend use one per foot)

SPECIFICATIONS

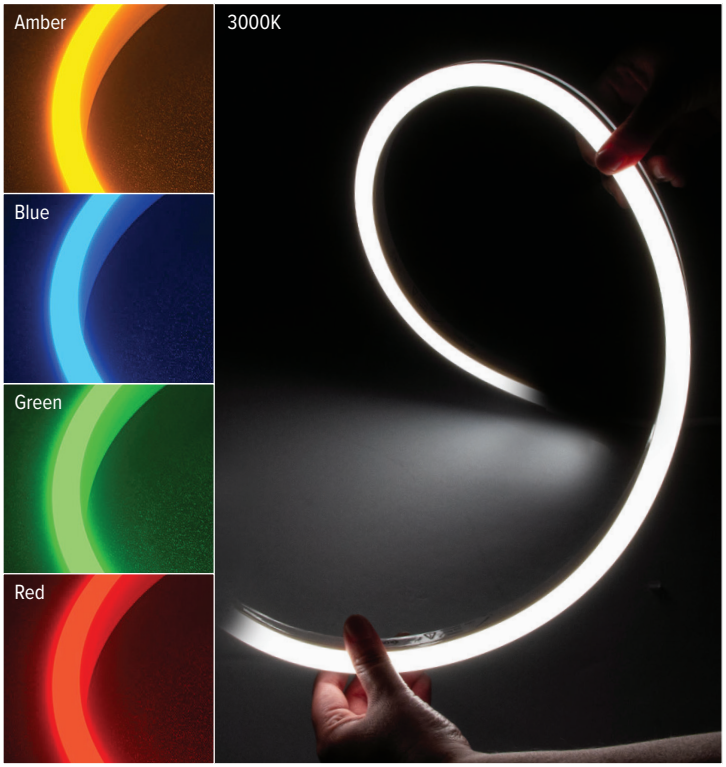
ELECTRICAL
- 24VDC
- 3W per foot

PHOTOMETRIC
- 90+ CRI

AMBIENT OPERATING TEMP
- -13°F - 131°F

CERTIFICATION
- UL
- IP65

WARRANTY
- 5 years when paired with GM power supply



ORDERING INFORMATION

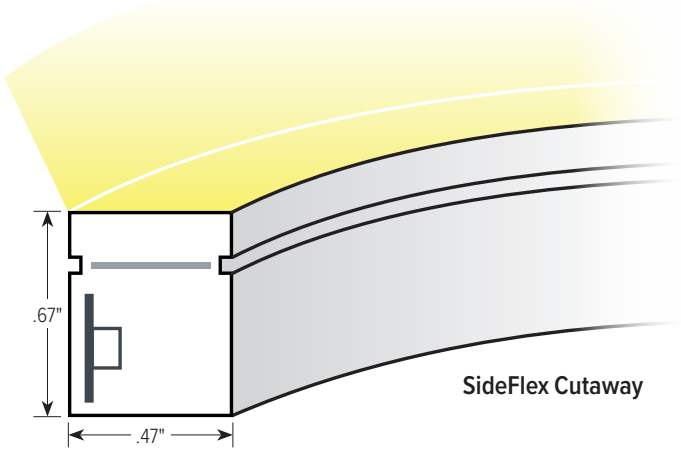
White

Product No.	Length	Lumens/ft	Color Temp
NV24S-3W-27K-16	16'-4"	128lm	2700K
NV24S-3W-27K-32	32'-8"	128lm	2700K
NV24S-3W-30K-16	16'-4"	143lm	3000K
NV24S-3W-30K-32	32'-8"	143lm	3000K
NV24S-3W-40K-16	16'-4"	135lm	4000K
NV24S-3W-40K-32	32'-8"	135lm	4000K

Colors

Product No.	Length	Lumens/ft	Color Temp
NV24S-3W-AM-16	16'-4"	N/A	Amber
NV24S-3W-AM-32	32'-8"	N/A	Amber
NV24S-3W-BL-16	16'-4"	N/A	Blue
NV24S-3W-BL-32	32'-8"	N/A	Blue
NV24S-3W-GR-16	16'-4"	N/A	Green
NV24S-3W-GR-32	32'-8"	N/A	Green
NV24S-3W-RD-16	16'-4"	N/A	Red
NV24S-3W-RD-32	32'-8"	N/A	Red

Max Run: 32'-8"
Kelvin temperature (color) ±100K.
NOTE: Every reel includes (1) **NV24S-PF-EF** (tape-to-power feed with 48" of lead). 16' reel includes (16) **NV24S-MC-A** mounting clips and screws. 32' reel comes with (32) **NV24S-MC-A** mounting clips and screws.



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CONNECTORS AND ACCESSORIES

Product No.	Description
NV24S-PF-EF8	Tape-to-Power Flexible End Feed, 8 ft.
NV24S-PF-BF8	Tape-to-Power Flexible Bottom Feed, 8 ft.
NV24S-SP	Tape-to-Tape Splice Connector
NV24S-CHL-A4	Aluminum Channel, 4 ft.
NV24S-CHL-A6	Aluminum Channel, 6 ft.
NV24S-MC-A	Aluminum Mounting Clips (set of 20)

Product No.	Description
NV24S-TTC6	Tape-to-Tape Flexible Connector, 6"
NV24S-TTC12	Tape-to-Tape Flexible Connector, 12"
NV24S-TTC24	Tape-to-Tape Flexible Connector, 24"
NV24S-FLEX-CHL	Flexible Mounting Channel, 39.5"
NV24S-EC	End Cap
NV24-CT	Tape Cutting Tool

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

End Feed
NV24S-PF-EF8

Splice Connector
NV24S-SP

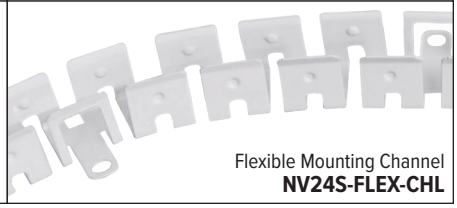
End Cap
NV24S-EC

Tape-to-Tape Connector
NV24S-TTC6
NV24S-TTC12 | NV24S-TTC24

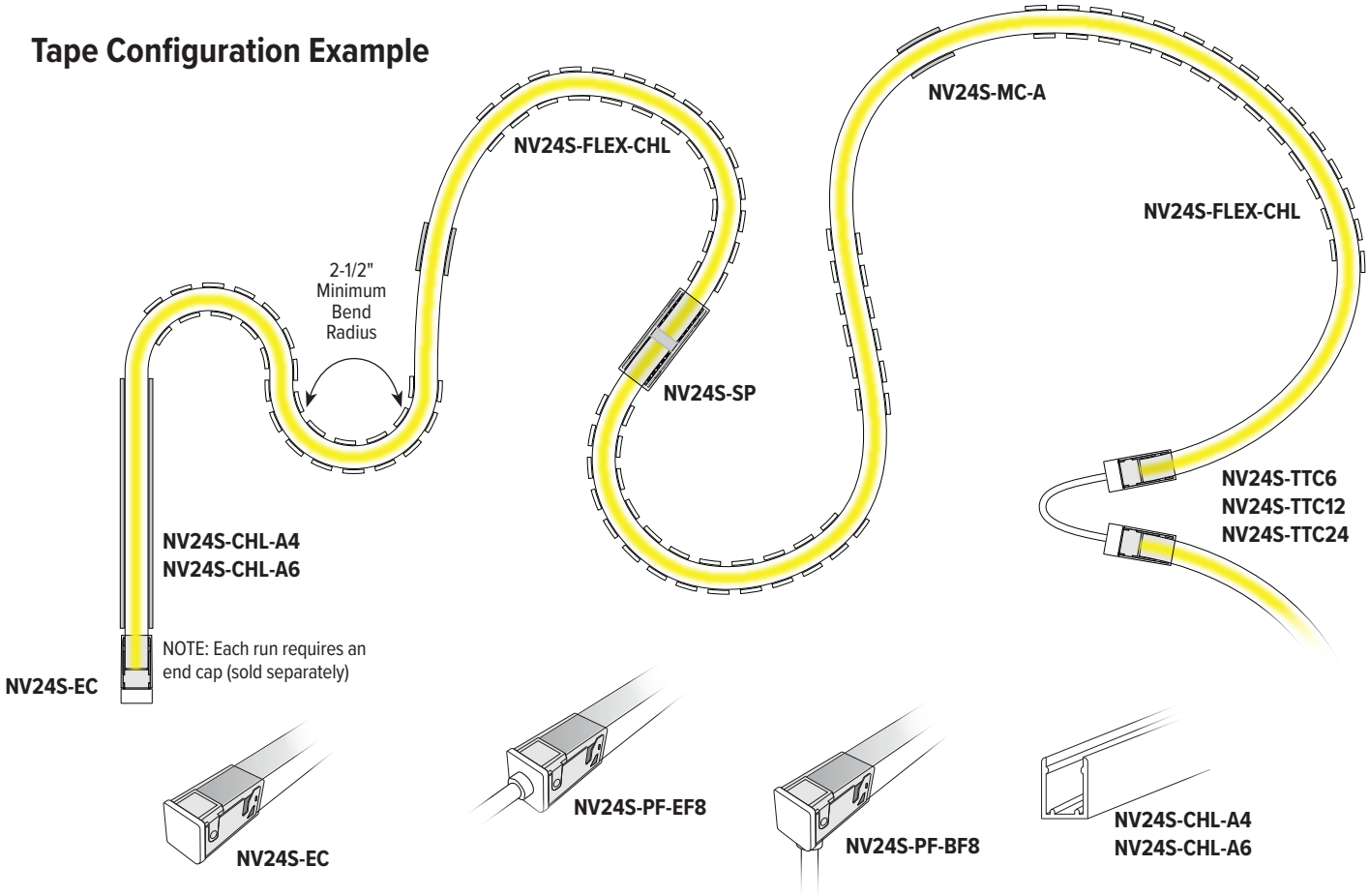
Bottom Feed
NV24S-PF-BF8

Aluminum Channel
NV24S-CHL-A4
NV24S-CHL-A6

Mounting Clips
NV24S-MC-A


Flexible Mounting Channel
NV24S-FLEX-CHL

Tape Configuration Example



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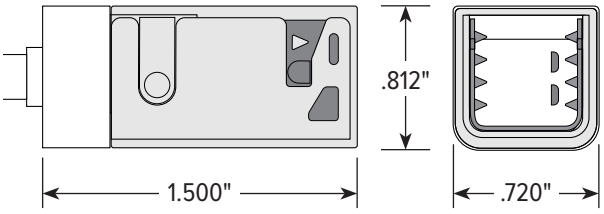
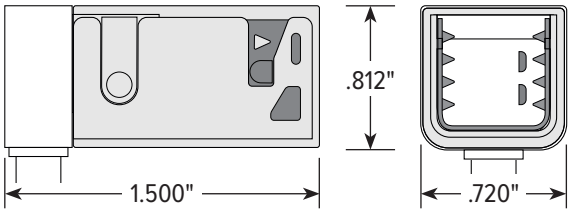
DIMENSIONS

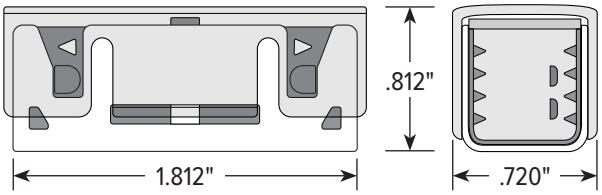
NV24S-PF-EF8



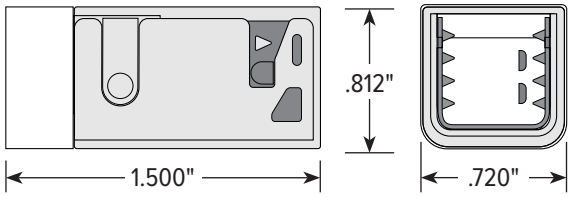
NV24S-PF-BF8



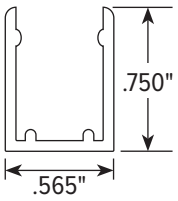
NV24S-SP



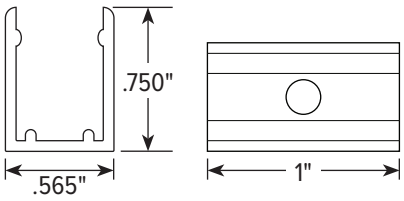
NV24S-EC



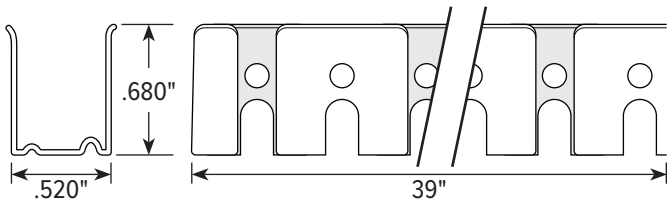
NV24S-CHL-A4 (4' L)
NV24S-CHL-A6 (6' L)



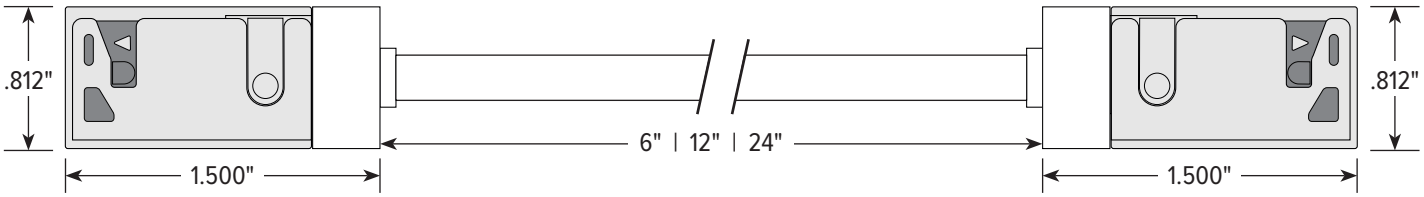
NV24S-MC-A



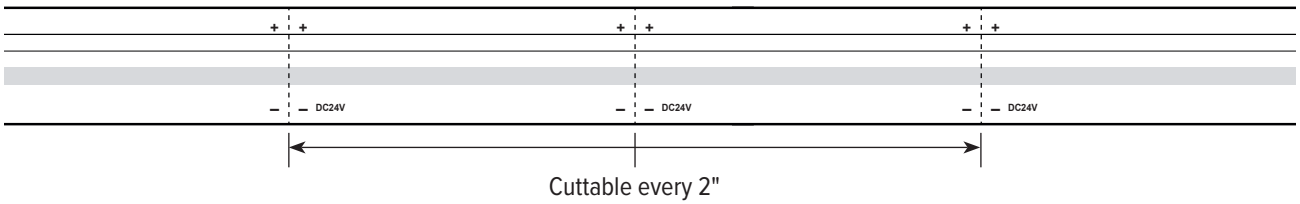
NV24S-FLEX-CHL



NV24S-TTC6 | **NV24S-TTC12** | **NV24S-TTC24**



SideFlex Tape



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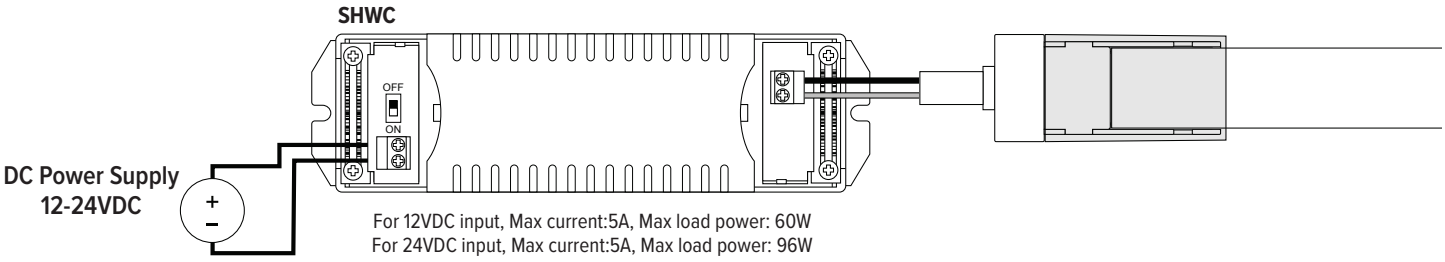
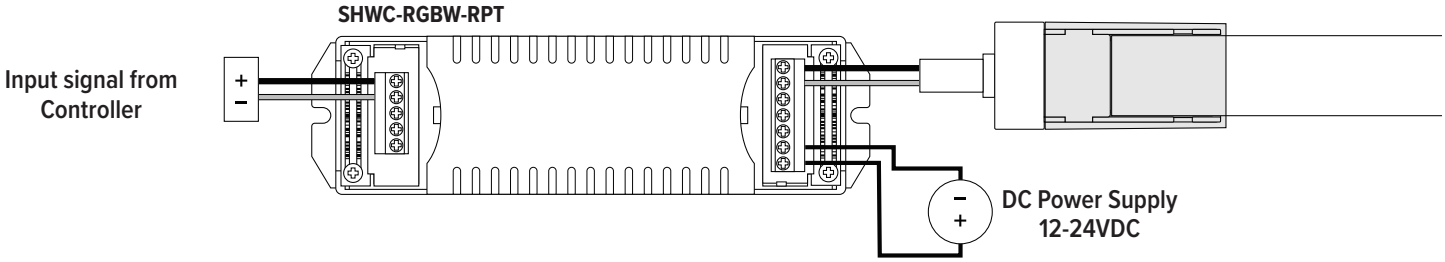
WIRING DIAGRAM

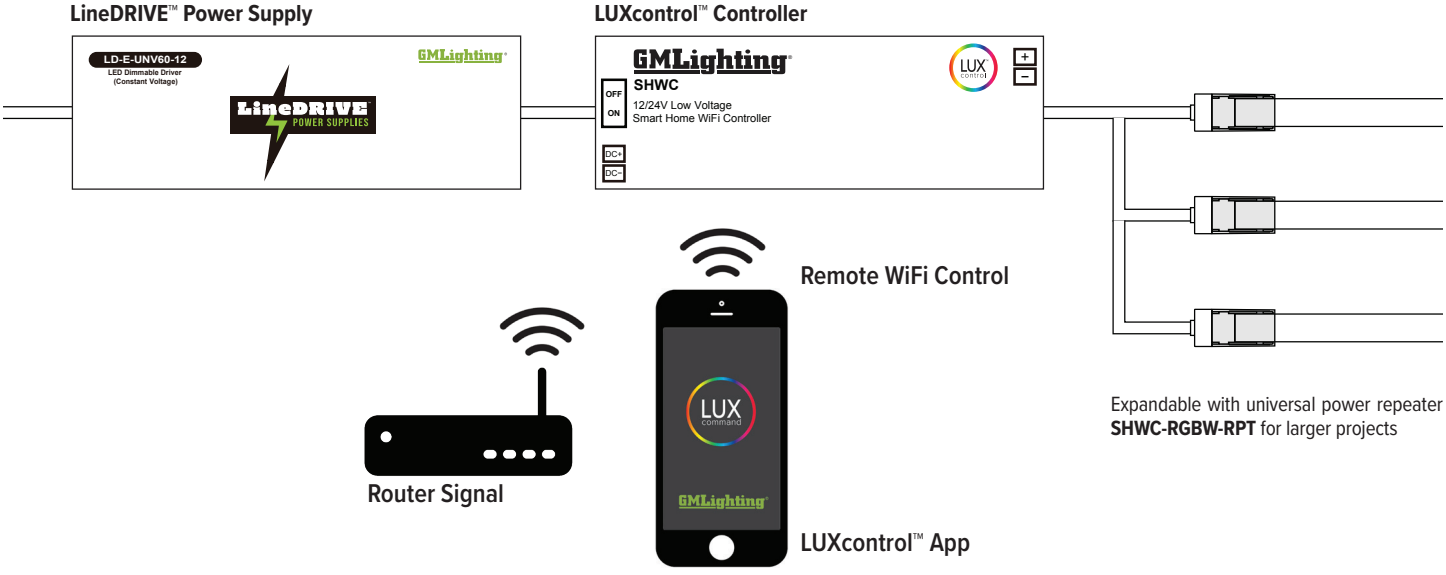
Single Color Smart Controller



Repeater Wiring

Single color connection - One channel





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-E** (non-dimmable) or **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
LD-MD Series	LineDRIVE 24V Magnetic Power Supplies
PSD Series	Constant Voltage 24V Dimmable Power Supplies

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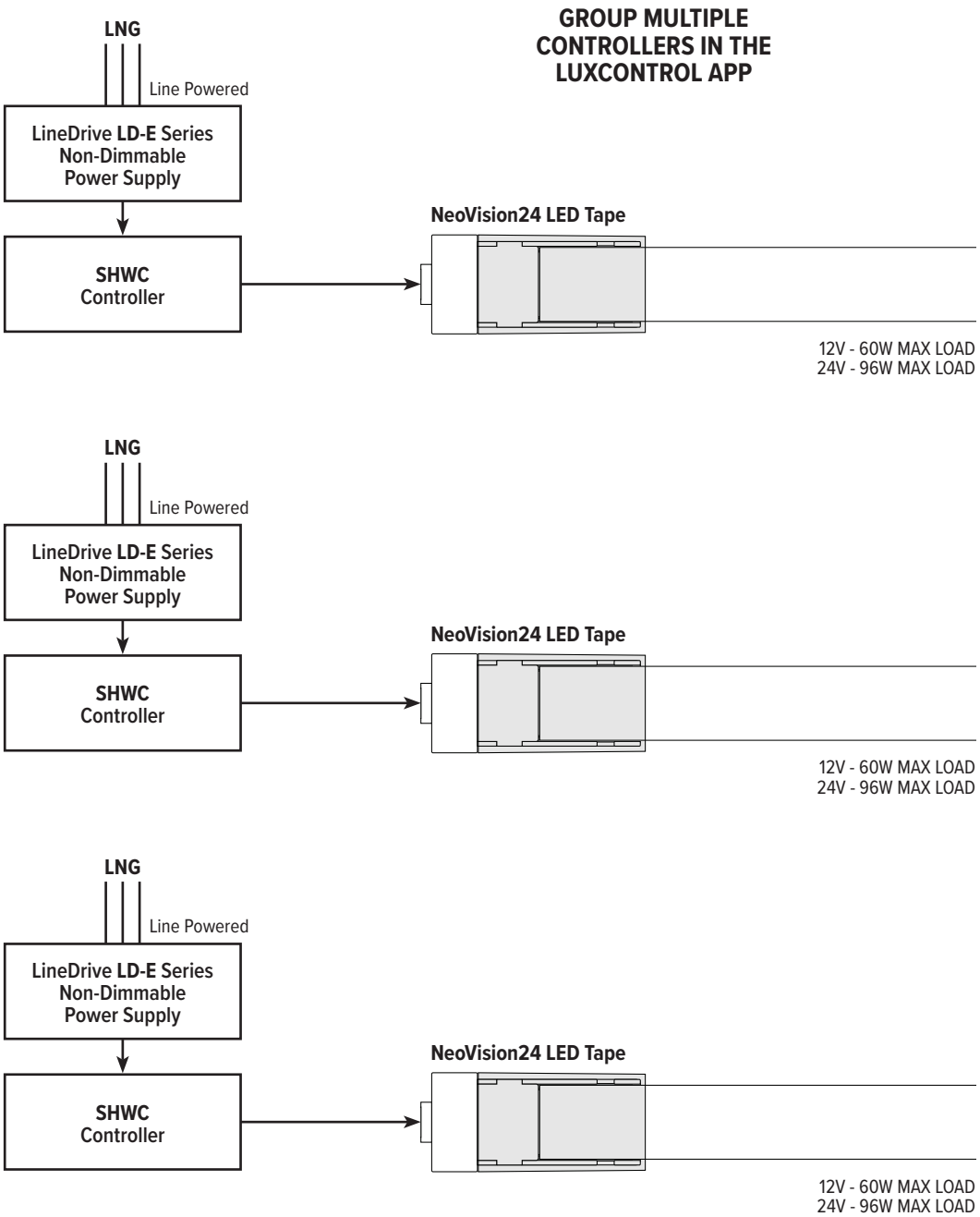
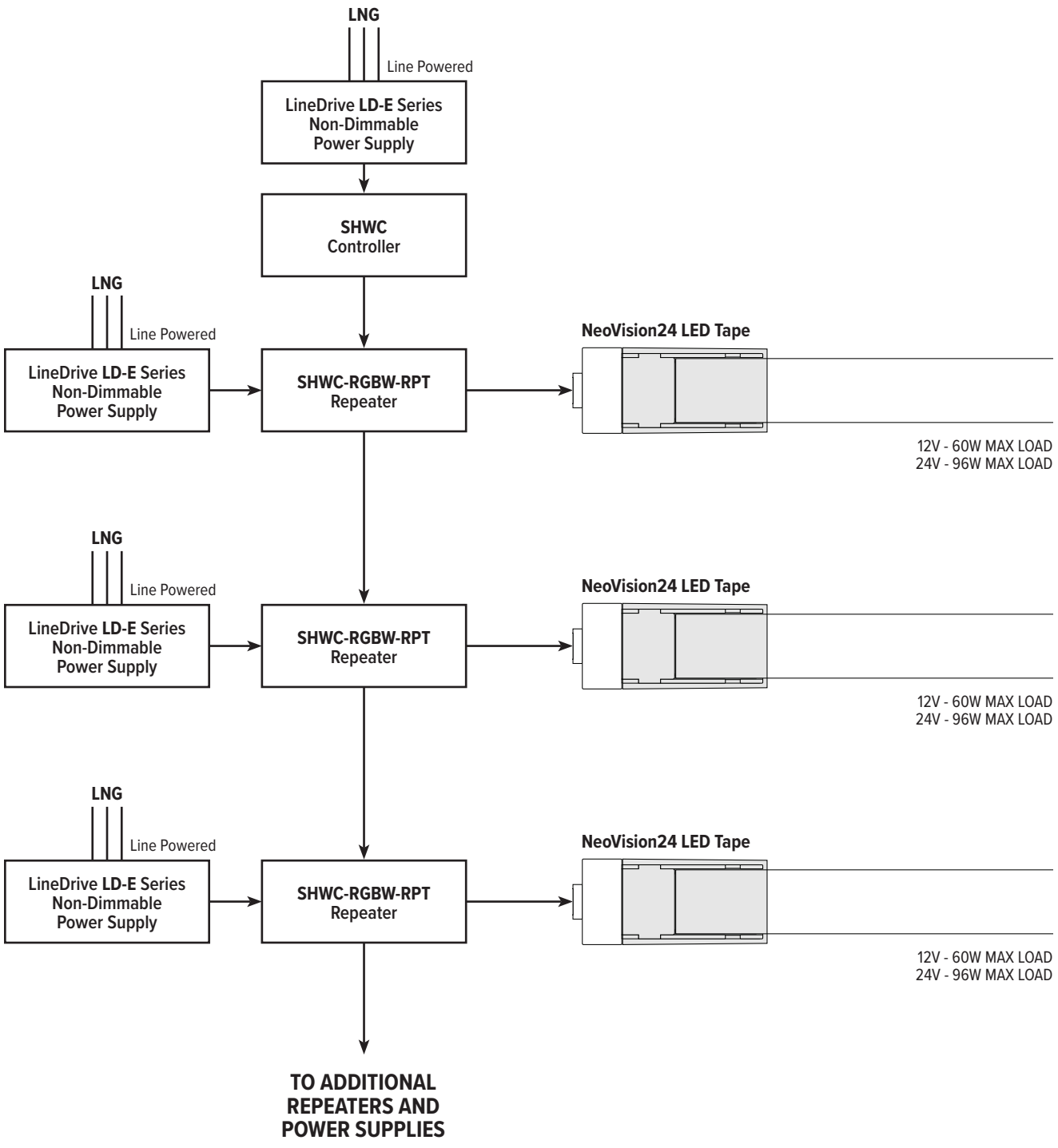
SHWC LUXCONTROL WIFI CONTROLLER



SHWC LUXCONTROL WIFI CONTROLLER WITH POWER REPEATER



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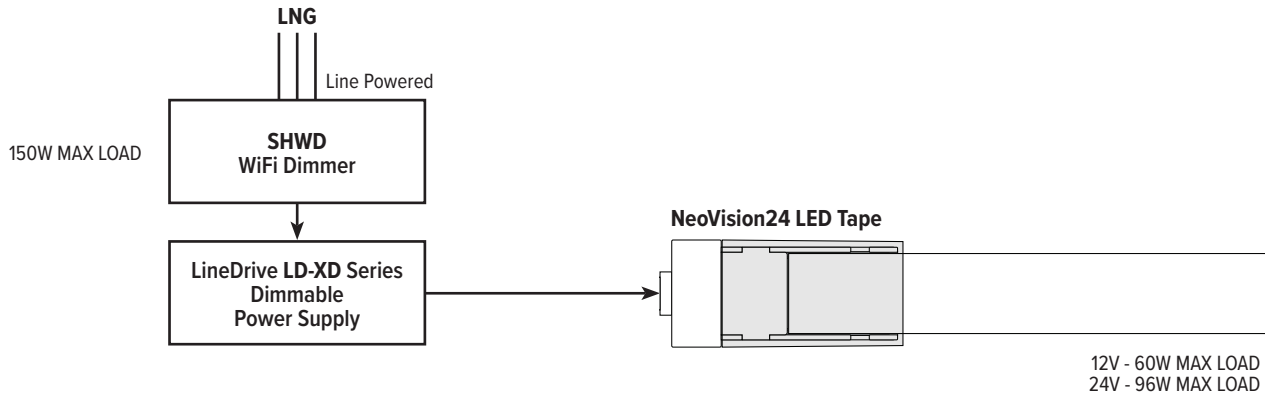
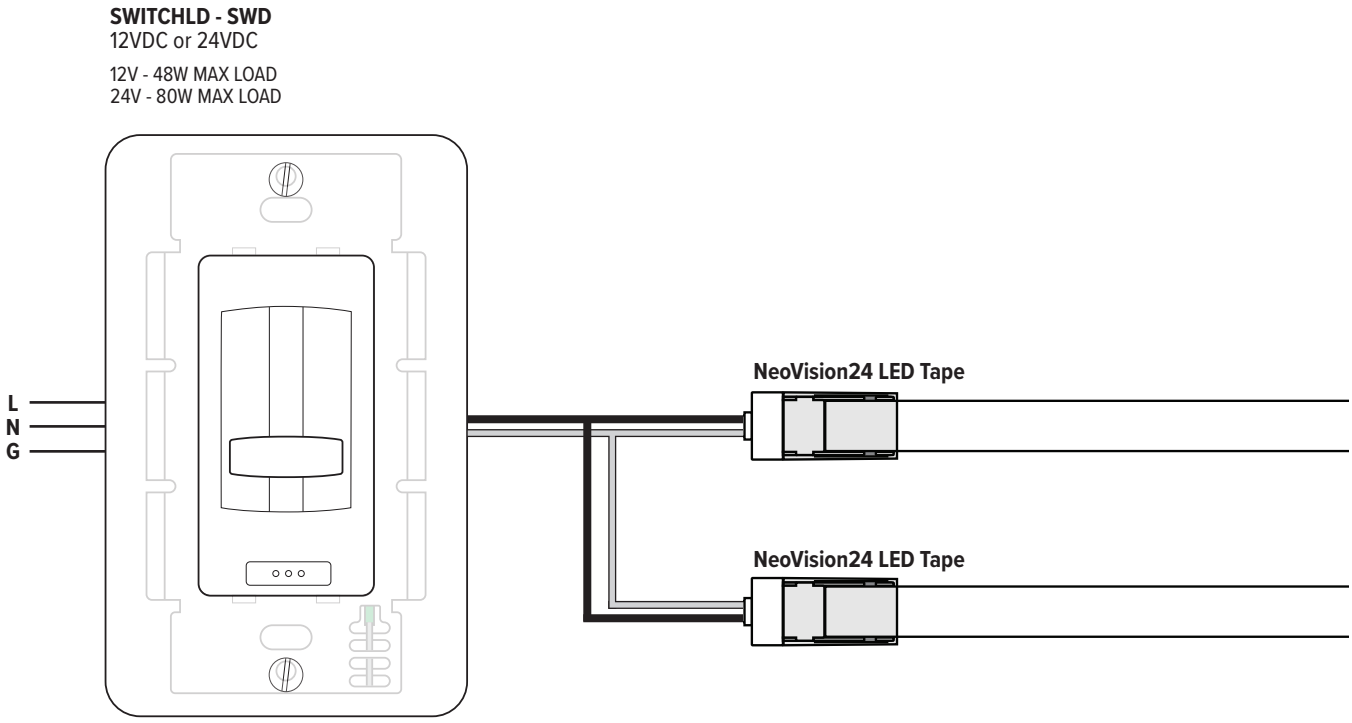
SHWD LUXCONTROL WIFI CONTROLLER



SHWD SWD DRIVER AND DIMMER



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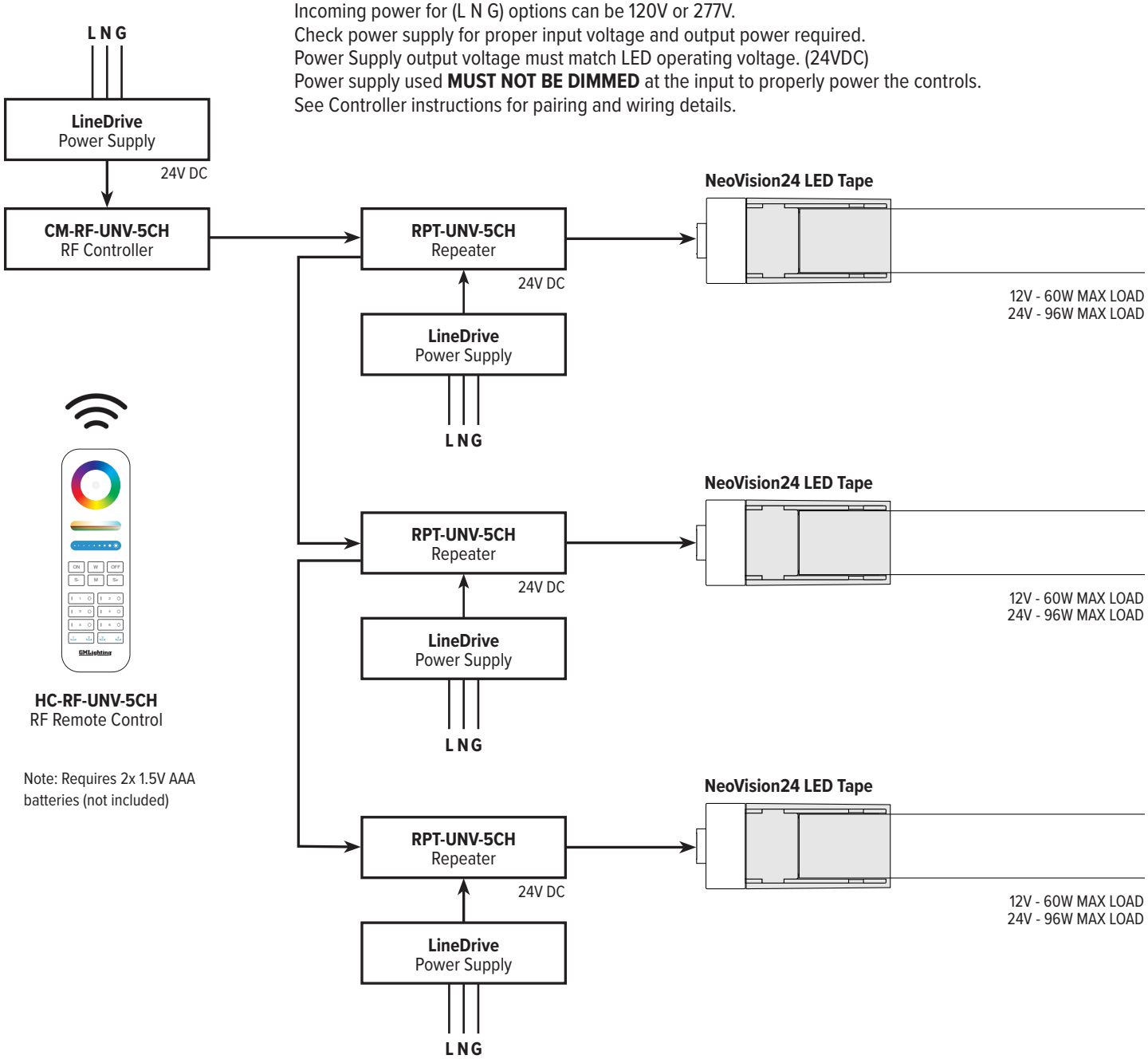
RF CONTROLLER

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.



HC-RF-UNV-5CH
RF Remote Control

Note: Requires 2x 1.5V AAA batteries (not included)

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-E-UNV Series	LineDRIVE 12V / 24V Non-Dimmable Power Supplies
LD-XD-UNV Series	LineDRIVE 12V / 24V Power Supplies
LTP Series	24V Electronic LED Power Supplies

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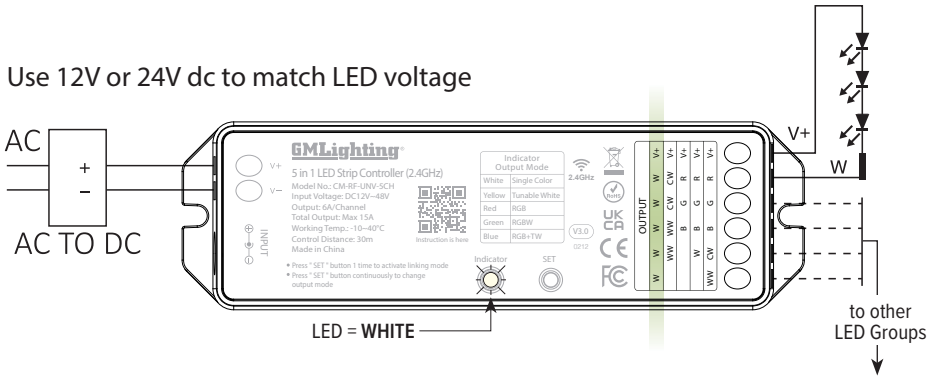
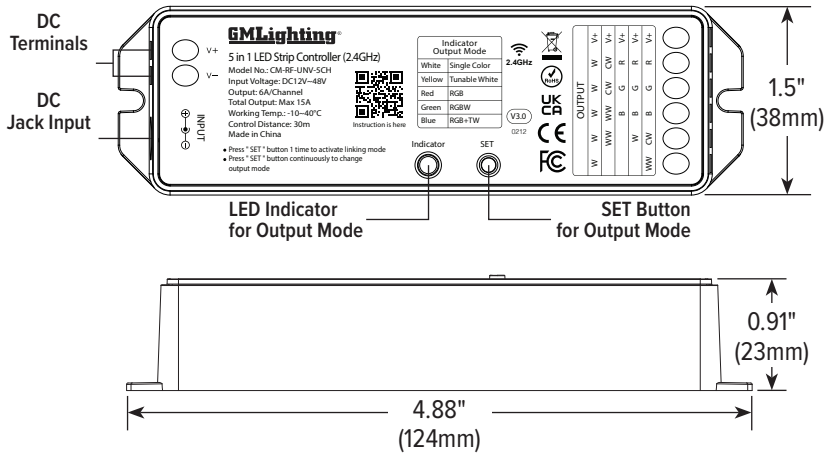
RF REMOTE CONTROLLER AND REPEATER

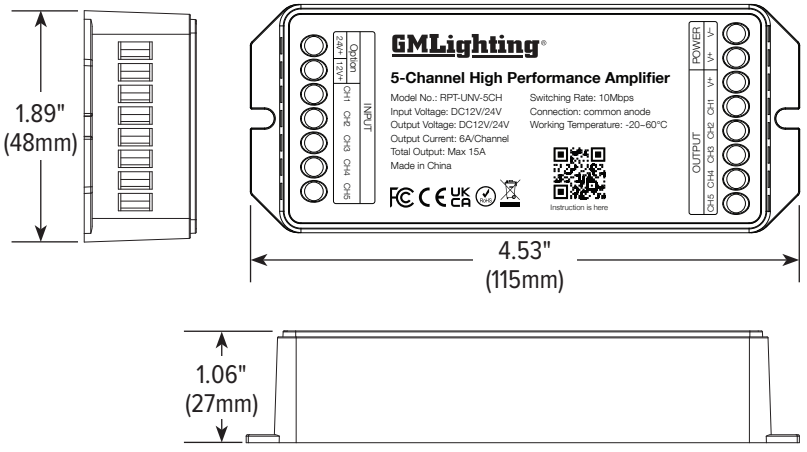


CM-RF-UNV-5CH
RF Controller

DIMENSIONS



CM-RF-UNV-5CH
RF Controller



RPT-UNV-5CH
Repeater Amplifier

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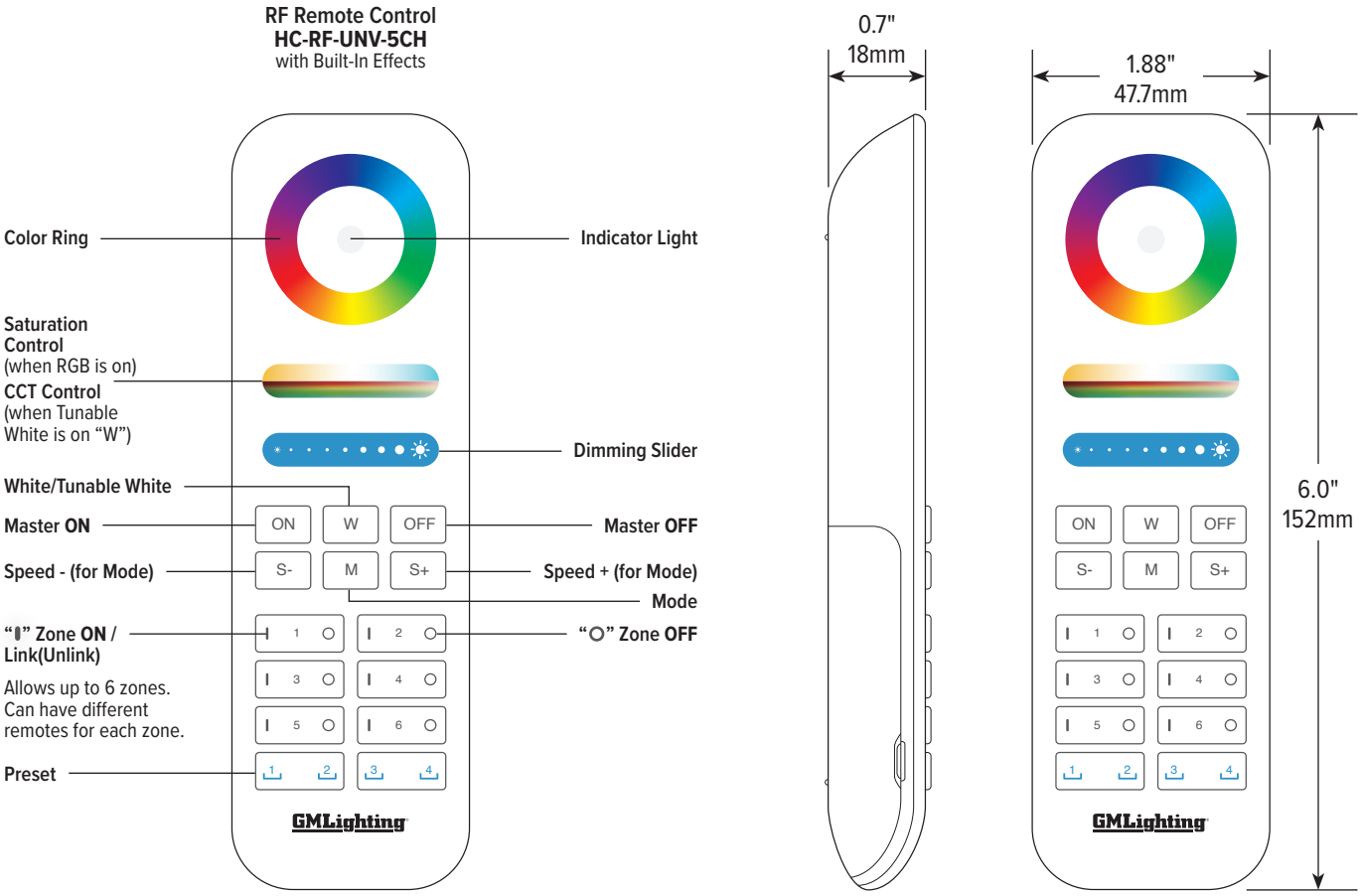
RF HAND HELD REMOTE FEATURES AND DIMENSIONS



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