

VorteXLED Specification Series

5.8W, 24VDC ASYMMETRIC LED Tape Specification Sheet



Project Name	Type
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Catalog #	Date
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PRODUCT OVERVIEW

Our VorteXLED Series provides the ultimate architectural-grade optic tape option. Incorporating features that define the VorteXLED Series as truly state of the art linear LED tape for applications that not only require, but demand the specialized optics for wall grazing and asymmetric effects.

FEATURES

- Available in 2700K, 3000K and 4000K
- Order in 6 inches increments
- All configurations are factory built to order
- Compatible with LUXcontrol WiFi system
- Asymmetric distribution, 45° beam angle
- Dimmable
- Suitable for wet locations - IP65
- 3M adhesive back
- Maximum run on a given lead is 16'
- Factory cut only
- Field cuttable channel and lens



SPECIFICATIONS

ELECTRICAL

- 24VDC
- 5.8 watts per foot

OPTICS

- 90+ CRI

OPERATING TEMP

- -4F to 122 F

CERTIFICATION

- UL listed for US and Canada
- Title 24 compliant when used with used with specific drivers. Consult factory.
- Class 2
- IP65

WARRANTY

- 5-year warranty when paired with GM power supply

ORDERING INFORMATION

Example: VTX-A-24V-5.8W-27K-16

Model	Series	Voltage	Wattage	Color Temp	Reel Length
VTX	A (Asymmetric)	24V	5.8W	27K	XX
				30K	
				40K	

*Reel Length: XX = per foot

ACCESSORIES

Model	Description
VTX-TTC6	6in tape to tape connector
VTX-TTC12	12in tape to tape connector
VTX-TTC24	24in tape to tape connector
VTX-PCHW8	8ft. hardwired power feed
VTX-PCHW8-AF	8ft. hardwired power feed - alternate feed
VTX-EC	Tape end cap

Note: For compatible channels, see next page.
Accessories included in factory assembled components.
See selecting feed direction in this document to choose power feed.

CONTROLLERS

Model	Description
SHWC	Smart 2.4 GHz WiFi Controller, Single Color, 24V Low Voltage, 1-Channel / 2-Wire (Use LD-E driver)
SHWD	Smart 2.4 WiFi Dimmer, 120V, White (Use LD-ED driver)
SwitchLD SWD series	All in one power supply and wall dimmer
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

This product is compatible with 24V LD-MD, LD-ED and PSD series drivers.

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Catalog No.	Length	Lumens/Ft.	CRI	Color Temp.	Max. Run
VTX-A-24V-5.8W-27K-FT	Per foot	491	90+	2700K	16'
VTX-A-24V-5.8W-30K-FT		521	90+	3000K	16'
VTX-A-24V-5.8W-40K-FT		551	90+	4000K	16'

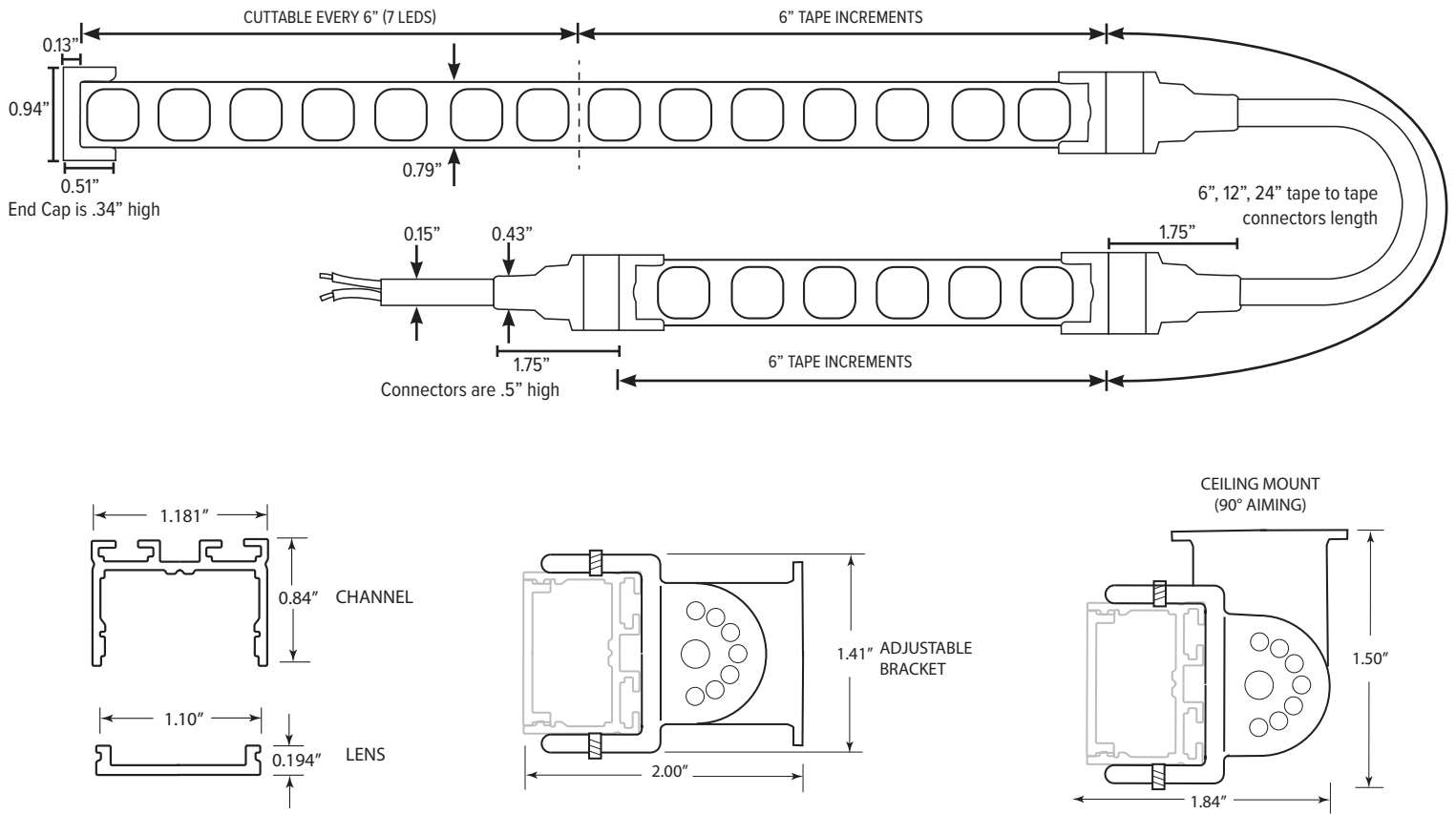
Kelvin temperature (color) ±100K.

CHANNELS

Model	Description
VTX-CHL4	VorteXLED 4ft. channel & internal tape clips
VTX-CHL6	VorteXLED 6ft. channel & internal tape clips
VTX-LENS-4	VorteXLED 4ft. lens for channel
VTX-LENS-6	VorteXLED 6ft. lens for channel
VTX-CHL-JC	VorteXLED 6ft. channel joint couplers set (set of 2 with set screws)
VTX-CHL-EC	VorteXLED 4ft. channel end cap (set of 2 for cord and no cord ends)
VTX-CHL-AMC	VorteXLED 4ft. channel adjustable mounting bracket (with 2 set screws, 2 wood screws, 2 wall anchors)

Note: Use minimum of 2 clips or brackets per 4ft of channel.

DIMENSION



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POWER FEED SELECTION

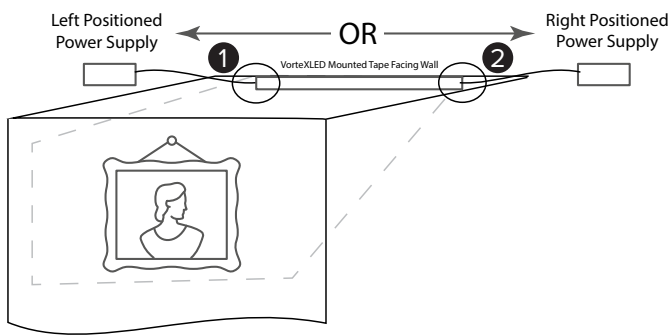
CEILING LEVEL MOUNT (tape facing wall)

POWER FEED LOCATION	LEFT	RIGHT
POWER FEED NEEDED	VTX-PCHW-8-AF	VTX-PCHW-8
POWER FEED CONFIGURATION		

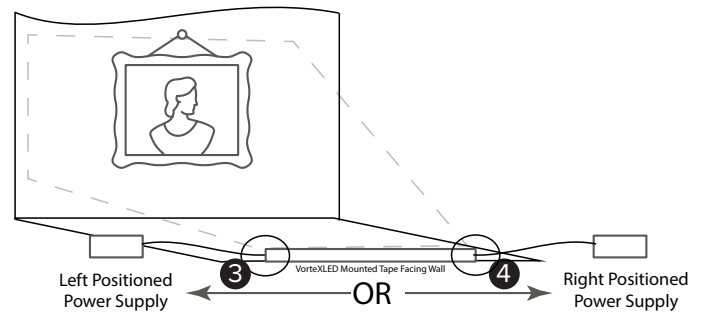
FLOOR LEVEL MOUNT (tape facing wall)

POWER FEED LOCATION	LEFT	RIGHT
POWER FEED NEEDED	VTX-PCHW-8	VTX-PCHW-8-AF
POWER FEED CONFIGURATION		

DIAGRAM



CEILING LEVEL MOUNT (tape facing wall)



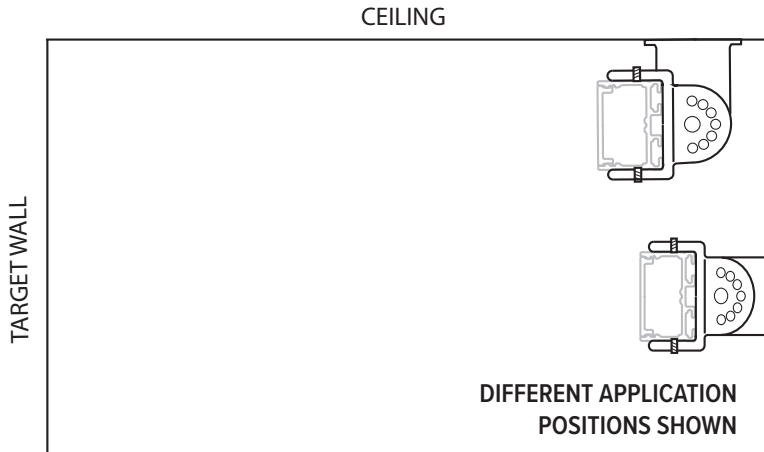
FLOOR LEVEL MOUNT (tape facing wall)

VorteXLED Specification Series

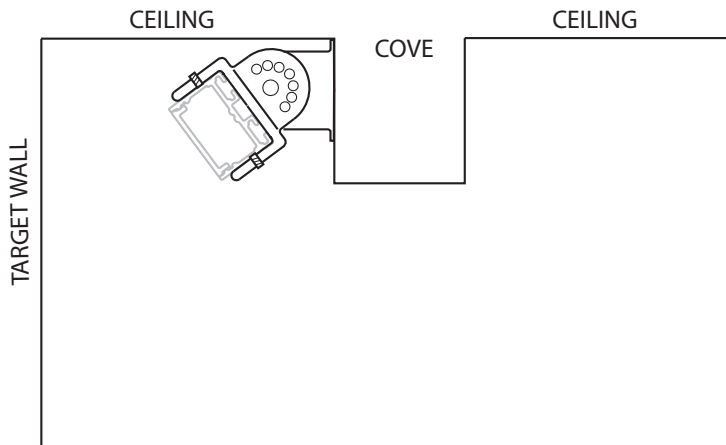
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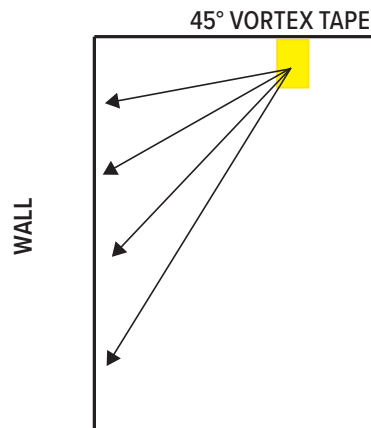
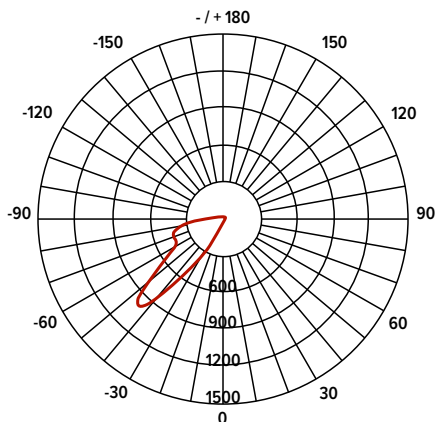
CEILING MOUNT - ADJUSTABLE BRACKET



WALL MOUNT - ADJUSTABLE BRACKET



PHOTOMETRICS



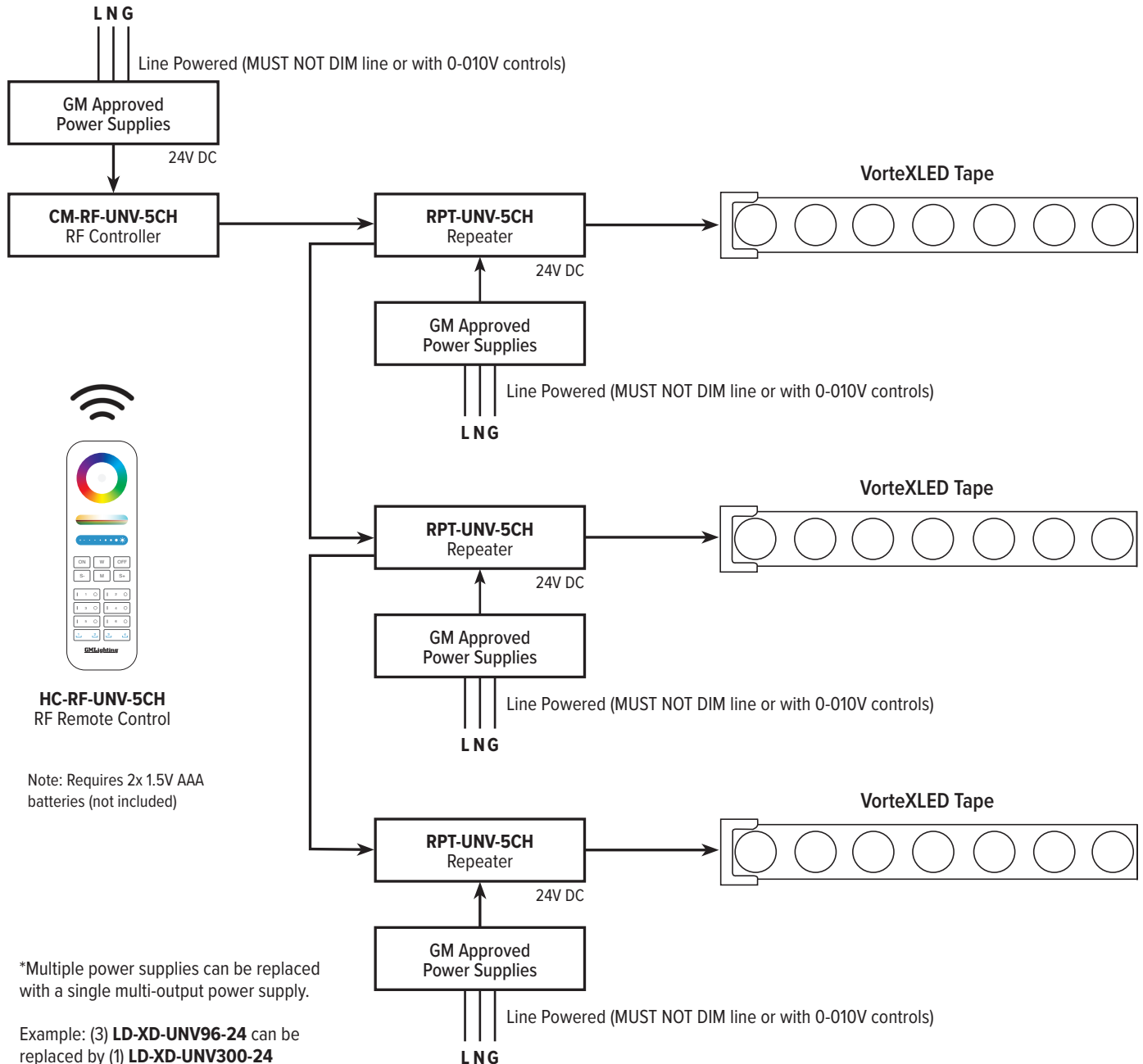
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RF CONTROLLER

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.



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

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

Example: (3) LD-XD-UNV96-24 can be replaced by (1) LD-XD-UNV300-24

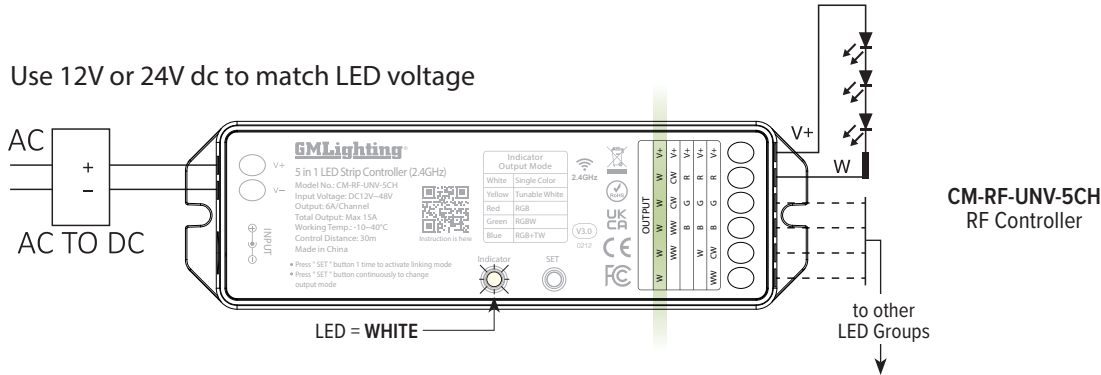
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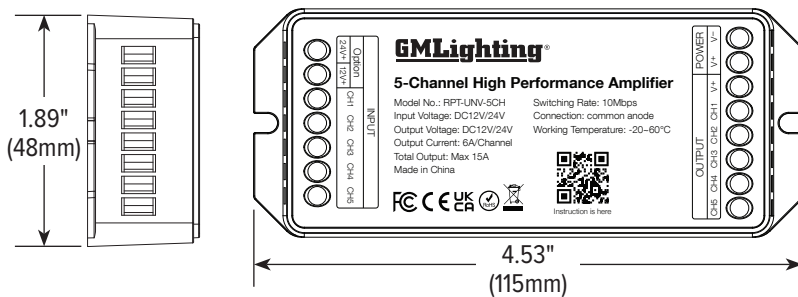
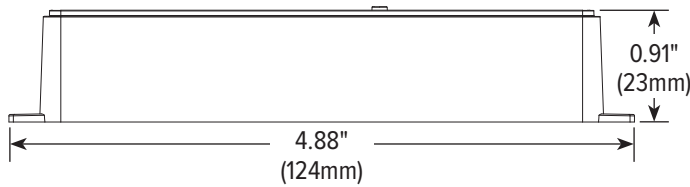
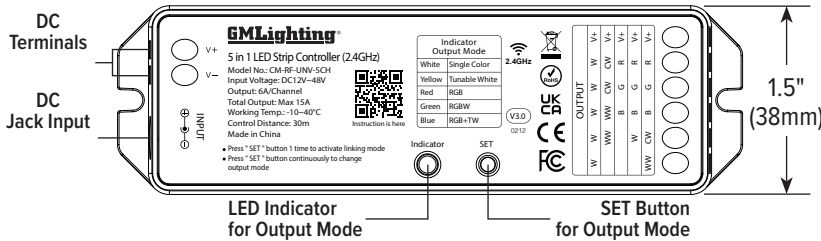


RF REMOTE CONTROLLER AND REPEATER

Use 12V or 24V dc to match LED voltage



DIMENSIONS



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RF HAND HELD REMOTE FEATURES AND DIMENSIONS

