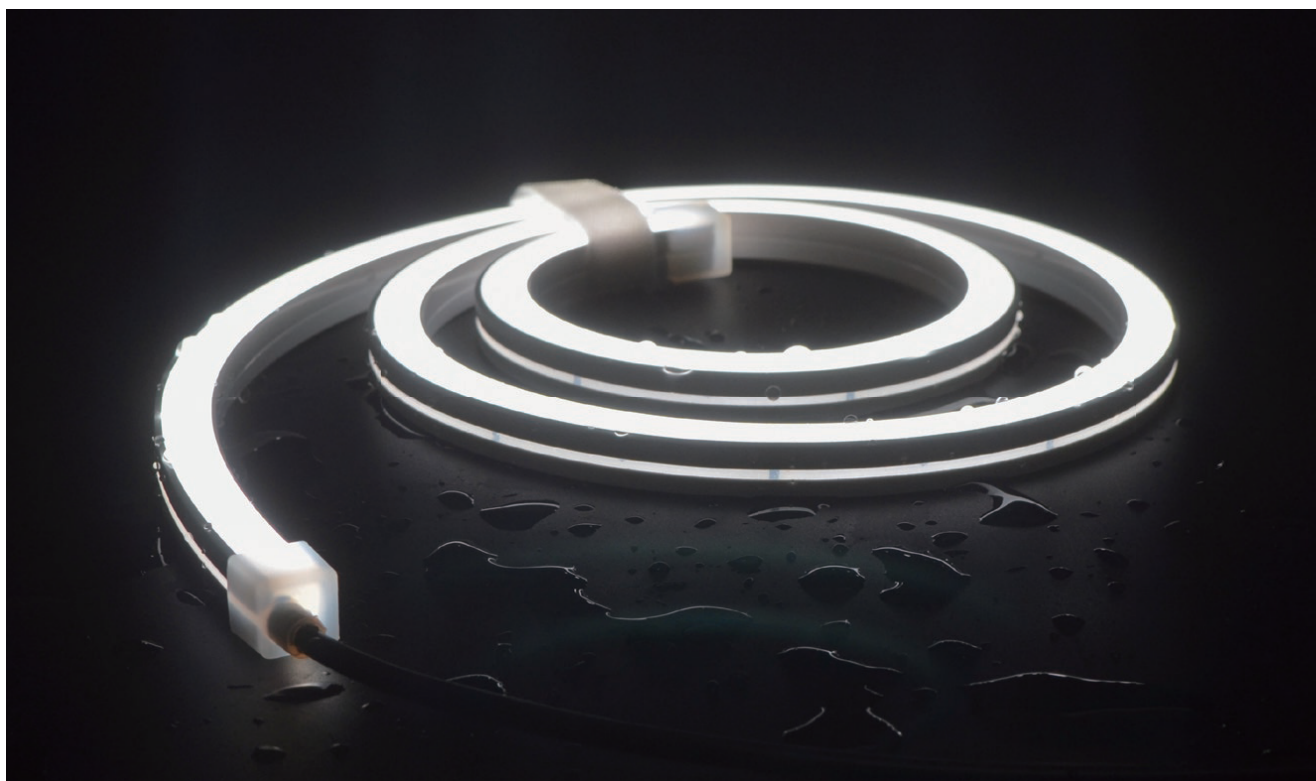


SILICONE NEON STRIP

HL-N2020V24-Cxx

Side view

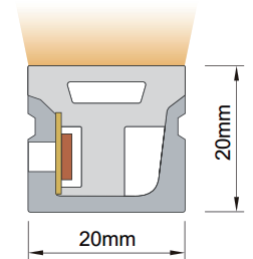
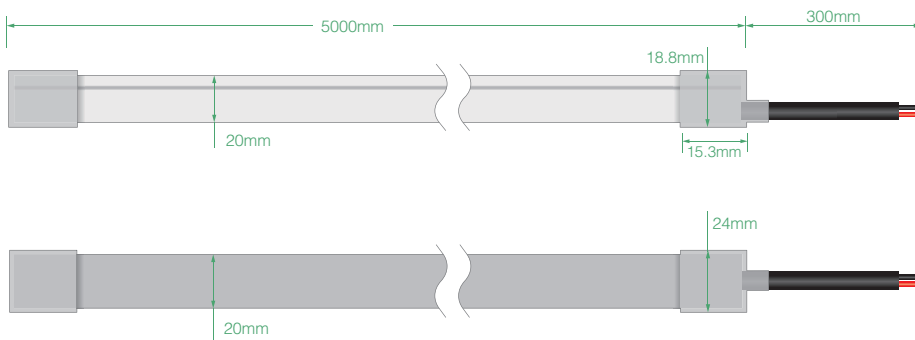




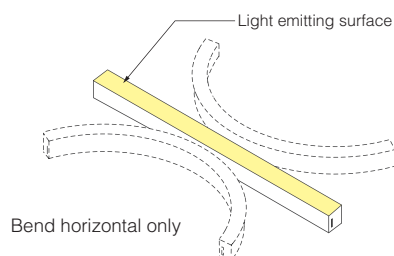
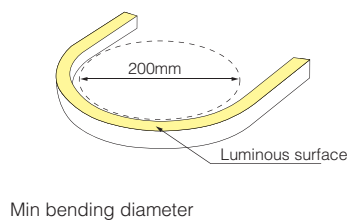
Model: HL-N2020V24-Cxx

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 5 years warranty.

Dimension structure



Across section size's picture



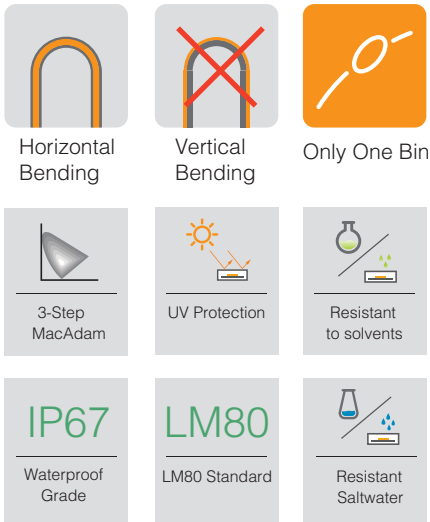
Electrical Parameter

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C ~ 60°C
Ambient Temperature	Min.-25°C , Max(Table below)
CRI	>90

Specification

Power	5w/m	10w/m	15w/m
Efficacy@4000K	48.4 lm/w	46.7 lm/w	42.3 lm/w
Max Ambient Temperature	55°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%



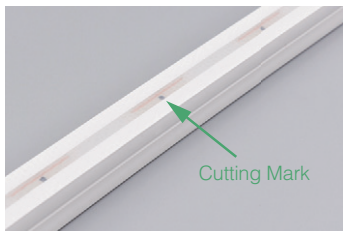
- TW: Tunable white, Testing CCT: 2700K+5400K
- Max series length refers to single side feed
- The above color temperature is the finished-product color temperature.
- The given data are typical values due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%
- Please don't walk on it without protection.

Finished CCT(K)	Unit cut (mm)	CRI	Power (W)	Lumen (LM/m)	Efficacy (LM/w)	Max.run length(m)	CV/CC
● 2100±100	50	>90	5	198	39.6	5M	CC/CV
			10	382	38.2	5M	
			15	546	36.4	5M	
● 2400±100	50	>90	5	235	47	5M	CC/CV
			10	453	45.3	5M	
			15	650	43.3	5M	
● 2700±100	50	>90	5	239	47.8	5M	CC/CV
			10	461	46.1	5M	
			15	662	44.1	5M	
● 3000±100	50	>90	5	225	45	5M	CC/CV
			10	432	43.2	5M	
			15	617	41.1	5M	
● 3500 ⁺²⁰⁰ ₋₁₀₀	50	>90	5	248	49.6	5M	CC/CV
			10	480	48	5M	
			15	687	45.8	5M	
● 4000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	242	48.4	5M	CC/CV
			10	467	46.7	5M	
			15	635	42.3	5M	
● 5000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	241	48.2	5M	CC/CV
			10	466	46.6	5M	
			15	665	44.3	5M	
● 6000 ⁺³⁰⁰ ₋₁₀₀	50	>90	5	240	48	5M	CC/CV
			10	464	46.4	5M	
			15	671	44.7	5M	
● TW	50	>90	● 2.5	126	50.4	5M	CV
			● 2.5	127	50.8	5M	
			● 5	251	50.2	5M	
● TW	50	>90	● 5	245	49	5M	CV
			● 5	246	49.2	5M	
			● 10	489	48.9	5M	
● TW	50	>90	● 7.5	347	46.3	5M	CV
			● 7.5	348	46.4	5M	
			● 15	693	46.2	5M	
● R	50	--	5	120	24	5M	CC/CV
			10	220	22	5M	
			15	300	20	5M	
● G	50	--	5	185	37	5M	CC/CV
			10	350	35	5M	
			15	495	33	5M	
● B	50	--	5	53	10.6	5M	CC/CV
			10	95	9.5	5M	
			15	128	8.5	5M	
● Y	50	--	5	110	22	5M	CC/CV
			10	205	20.5	5M	
			15	293	19.5	5M	
● Pink	50	--	5	180	36	5M	CC/CV
			10	340	34	5M	
			15	480	32	5M	

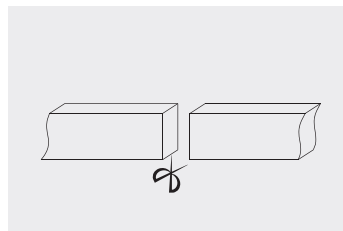
- TW: Tunable white, Testing CCT: 2700K+5400K
- Max series length refers to single side feed
- The above color temperature is the finished-product color temperature.
- The given data are typical values due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%
- Please don't walk on it without protection.

Finished CCT (K)	Unit cut (mm)	CRI	Power (W)	Lumen (LM/m)	Efficacy (LM/w)	Max.run length	CV/CC
 RGB	62.5	--	5	112	22.4	5M	CV
			10	209	20.9	5M	
			15	284	18.9	5M	
 RGBW (2400K)	62.5	--	5	153	30.6	5M	CV
			10	285	28.5	5M	
			15	396	26.4	5M	
 RGBW (2700K)	62.5	--	5	157	31.4	5M	CV
			10	293	29.3	5M	
			15	413	27.5	5M	
 RGBW (3800K)	62.5	--	5	163	32.6	5M	CV
			10	305	30.5	5M	
			15	426	28.4	5M	
 RGBW (5000K)	62.5	--	5	163	32.6	5M	CV
			10	305	30.5	5M	
			15	426	28.4	5M	

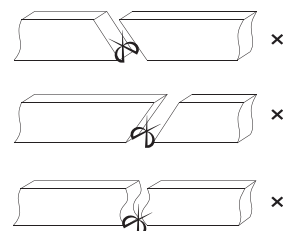
Cutting Mark



Remark: The bottom of the led strip has transparent window, the black marker is the cutting position



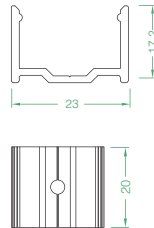
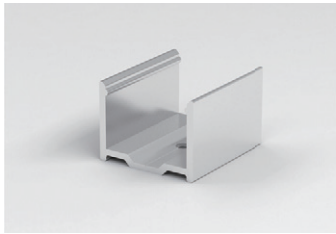
Vertical cutting precisely in the exact cutting position of led strip.



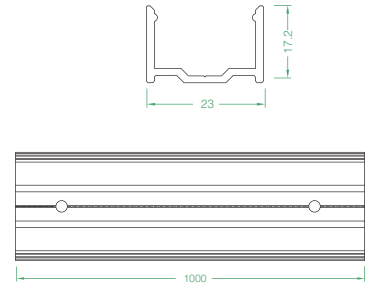
Please don't be feel free to cut and cut into an oblique angle or cambered section.

Mounting Way

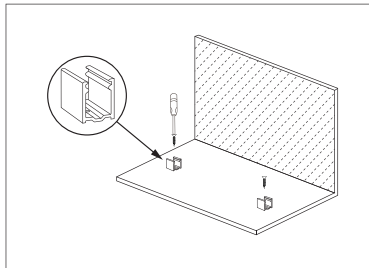
Aluminium Mounting clips



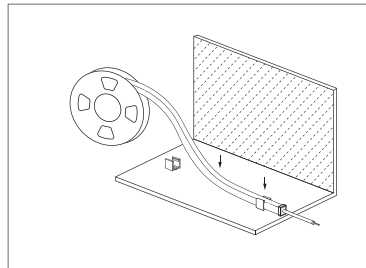
Aluminium Profile



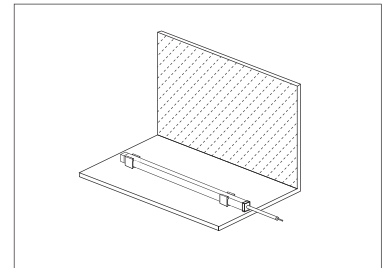
Clips
installation



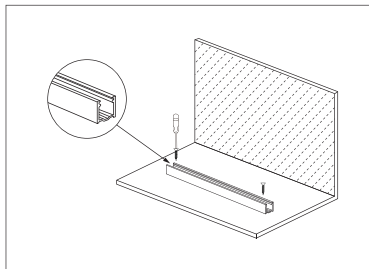
Fix the mounting clips to the place where it needs to be installed by screwdriver.



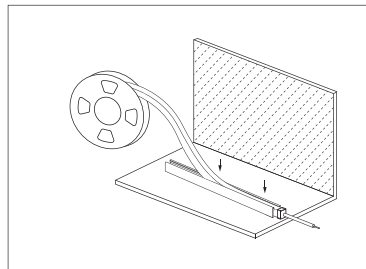
Put the neon light into the clips, please do not twist or bend excessively during installation. Take it out and reassemble, it will most likely cause the product damaged.



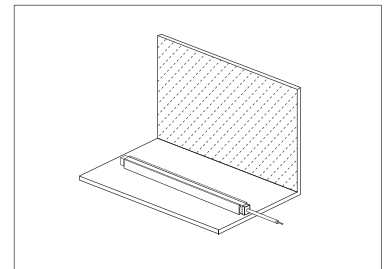
Groove's
installation



Fix the aluminum profile to the place where it needs to be installed by screwdriver.



Put the neon light into the aluminum profile, please do not twist or bend excessively during installation. Take it out and reassemble, it will most likely cause the product damaged.



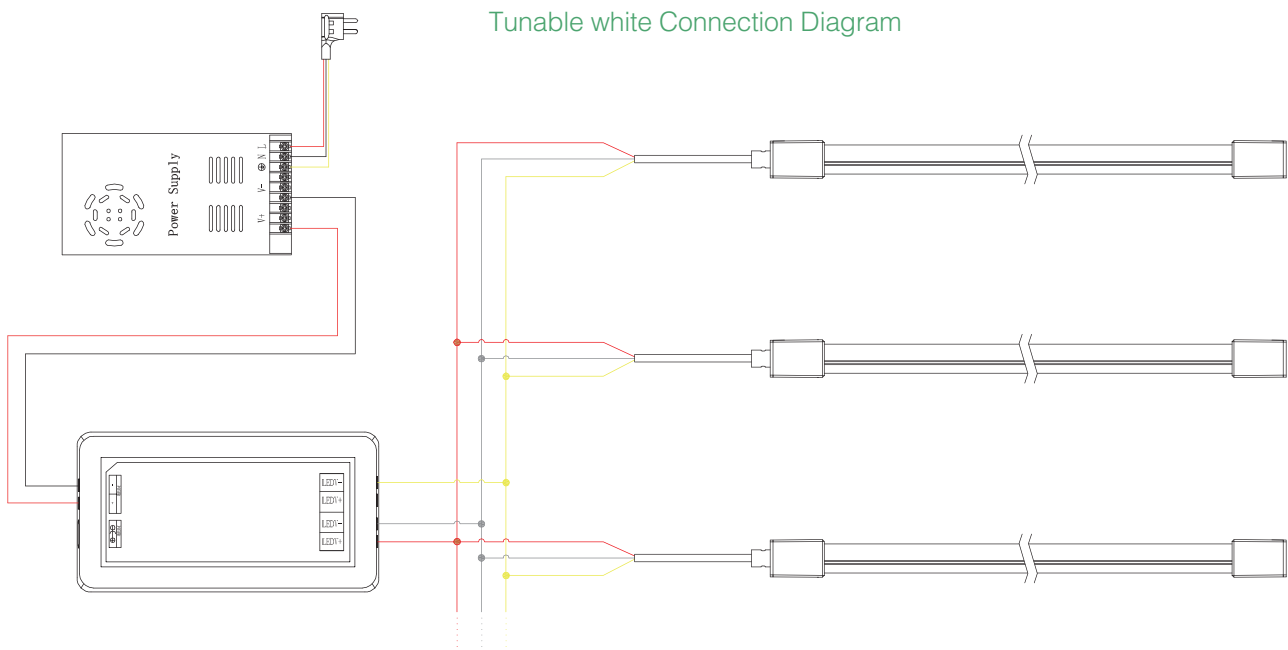
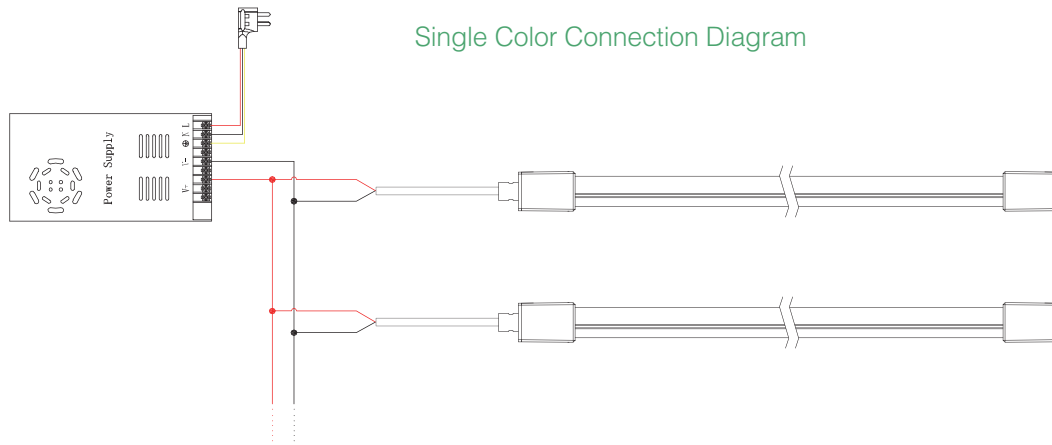
Cautions:

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

Tests showed that nail and benzene substances will have yellowing effects on silicone gel; in the new indoor decoration environment, epoxy floor paint, wall

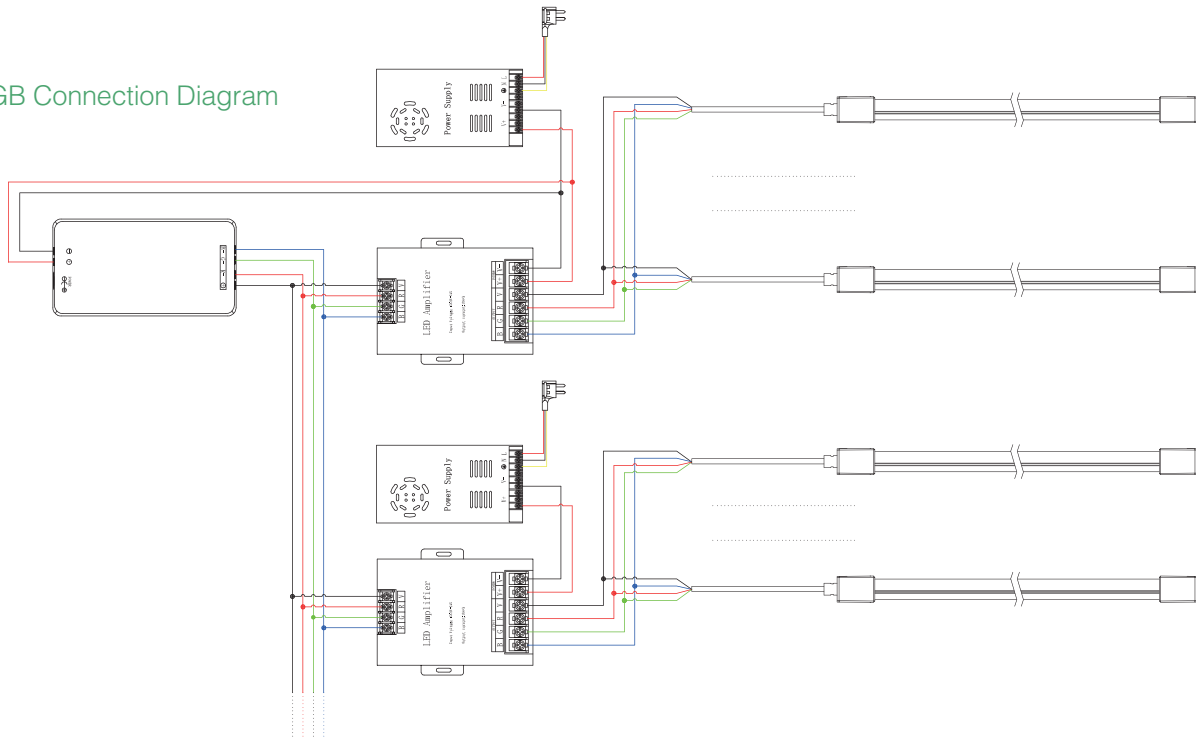
paint, wallpaper adhesive, various decoration materials or new furniture, possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

Wiring diagram

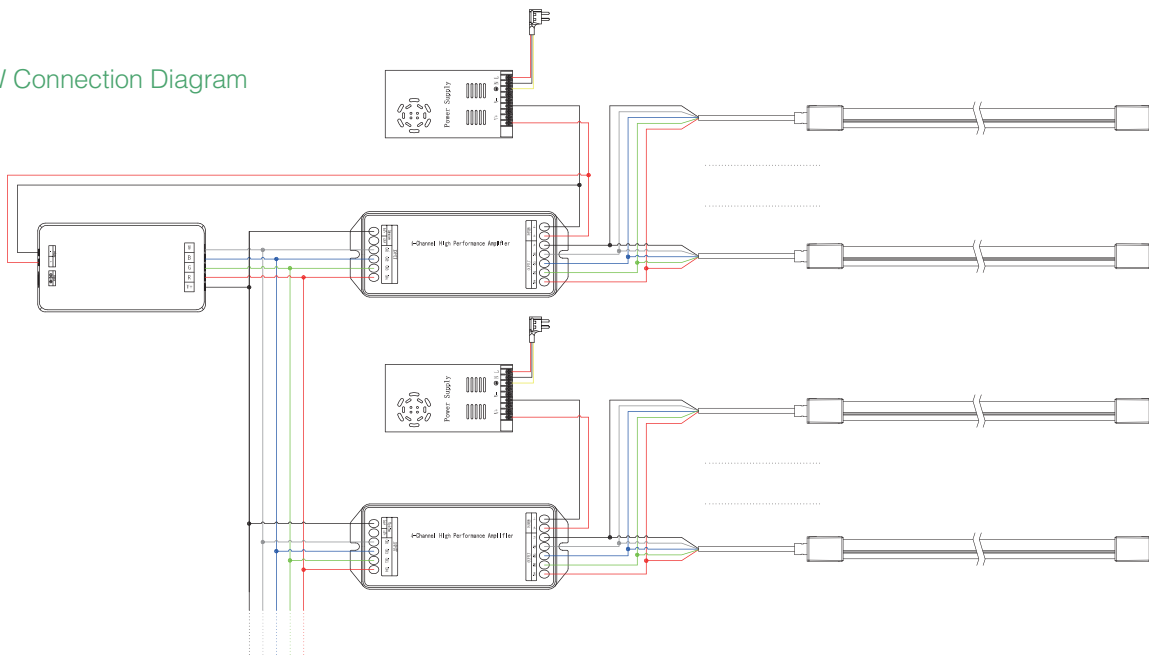


Wiring diagram

RGB Connection Diagram



RGBW Connection Diagram



H E L I A N

**Specialized
LED strip
Manufacturer**

Shenzhen Helian Electronics Co.,Ltd



3F, Tonggao building 2, Sanlian industrial area, Songbai Rd, Shiyan Town, Bao'an District, Shenzhen, Guangdong, China



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