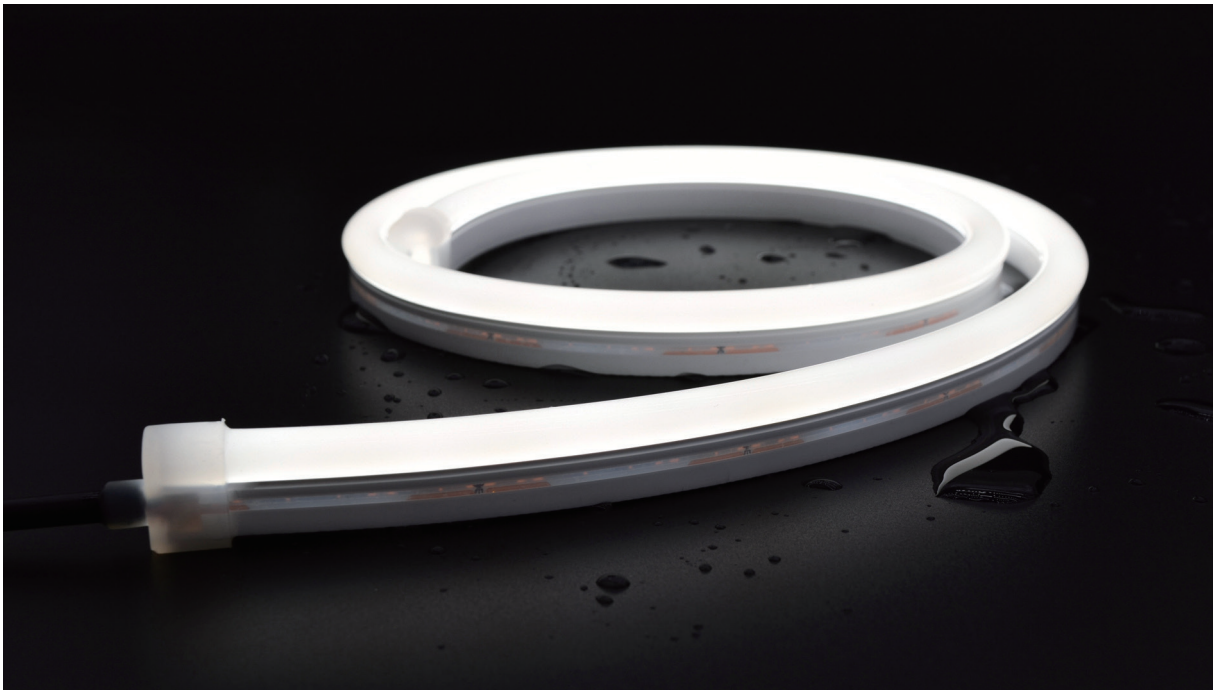
HELIAN

SILICONE NEON STRIP

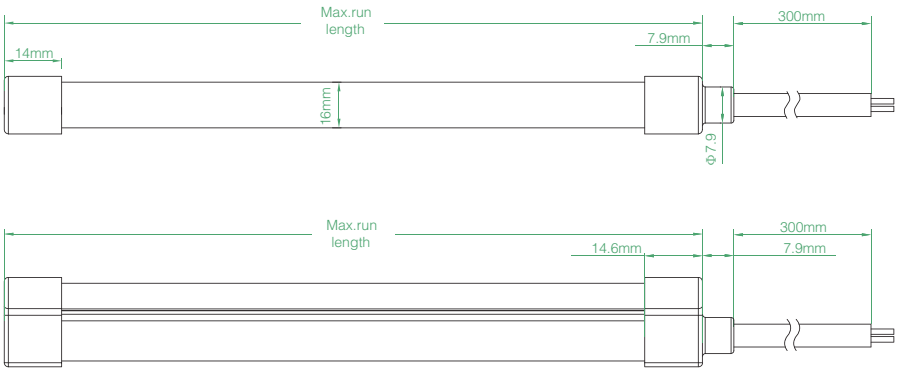
HL-N1225V24-Cxx | Side view

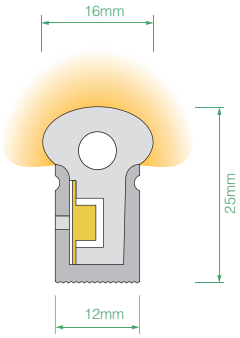


Model: HL-N1225V24-Cxx

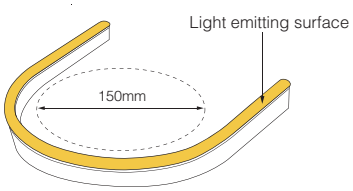
- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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

Dimension structure

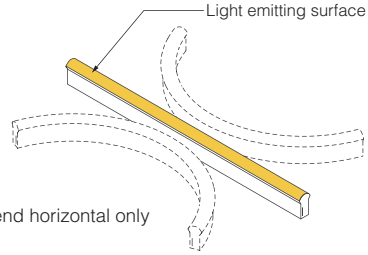




Across section size's picture



Min bending diameter



Electrical Parameter

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

Specification

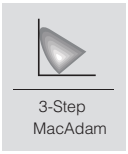
Power	5w/m	10w/m	15w/m
Efficacy(lm/w)@4000K	32lm/w	31.8lm/w	29.4lm/w
Max ambient temperature	50℃	45℃	35℃

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


Horizontal Bending


Vertical Bending


Only One Bin


3-Step MacAdam


UV Protection


Resistant to solvents

IP67
Waterproof Grade

LM80
LM80 Standard


Resistant Saltw ater

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	124	24.8	5	CC/CV
			10	237	23.7		
			15	332	22.1		
2400±100	50	>90	5	139	27.8	5	CC/CV
			10	270	27.0		
			15	382	25.5		
2700±100	50	>90	5	146	29.2	5	CC/CV
			10	286	28.6		
			15	400	26.7		
3000±100	50	>90	5	144	28.8	5	CC/CV
			10	286	28.6		
			15	395	26.3		
3500^{+200}_{-100}	50	>90	5	153	30.6	5	CC/CV
			10	304	30.4		
			15	428	28.5		
4000^{+300}_{-200}	50	>90	5	160	32.0	5	CC/CV
			10	318	31.8		
			15	441	29.4		
5000^{+300}_{-200}	50	>90	5	153	30.6	5	CC/CV
			10	301	30.1		
			15	423	28.2		
6000^{+300}_{-100}	50	>90	5	159	31.8	5	CC/CV
			10	313	31.3		
			15	436	29.1		
TW	50	>90	2.5	73	29.2	5	CV
			2.5	75	30.0		
			5	142	28.4		
TW	50	>90	5	150	30.0	5	CV
			5	156	31.2		
			10	291	29.1		
TW	50	>90	7.5	207	27.6	5	CV
			7.5	216	28.8		
			15	403	26.9		
R	50	--	5	55.6	11.1	5	CC/CV
			10	123	12.3		
			15	172	11.5		
G	50	--	5	181	36.2	5	CC/CV
			10	340.7	34.1		
			15	426	28.4		
B	50	--	5	32	6.4	5	CC/CV
			10	61.4	6.1		
			15	85.7	5.7		
Yellow	50	--	5	49.6	9.9	5	CC/CV
			10	102.5	10.3		
			15	126.7	8.4		
Pink	50	--	5	65.6	13.1	5	CC/CV
			10	131.7	13.2		
			15	175.8	11.7		
Orange	50	--	5	55	11	5	CC/CV
			10	104	10.4		
			15	148	9.8		

- 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 very up to 10%
- Please don't walk on it without protection.

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Power (W)	Finished CCT (K)	Lumen (LM/m)	Efficacy (LM/w)	Unit cut (mm)	Max.run length(m)	CV/CC
5	R	13.9	8.3	62.5	5	CV
	G	46.8	28.1			
	B	10	6.0			
	RGB	70.4	14.1			
10	R	29.1	8.7	62.5	5	CV
	G	86.3	25.9			
	B	16.6	5.0			
	RGB	131.6	13.2			
15	R	44.5	8.9	62.5	5	CV
	G	102	20.4			
	B	20.2	4.0			
	RGB	161.2	10.7			
5	R	9	7.2	62.5	5	CV
	G	36.7	29.4			
	B	8.5	6.8			
	W(4800-5300K)	38	30.4			
	RGBW	91.7	18.3			
10	R	16.6	5.0	62.5	5	CV
	G	65.6	19.7			
	B	16.5	5.0			
	W(4800-5300K)	84	33.6			
	RGBW	180.8	18.1			
15	R	29.5	5.9	62.5	5	CV
	G	82.2	16.4			
	B	22.4	4.5			
	W(4800-5300K)	112.8	30.1			
	RGBW	254.7	17.0			
5	R	8.5	6.8	62.5	5	CV
	G	37	29.6			
	B	8.9	7.1			
	W (3400-4000K)	35.8	28.6			
	RGBW	92	18.4			
10	R	15.6	4.7	62.5	5	CV
	G	69.4	20.8			
	B	17.4	5.2			
	W (3400-4000K)	77.2	30.9			
	RGBW	181.7	18.2			
15	R	28.4	5.7	62.5	5	CV
	G	84	16.8			
	B	23.8	4.8			
	W (3400-4000K)	105	28.0			
	RGBW	253	16.9			

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- Max series length refers to single side feed
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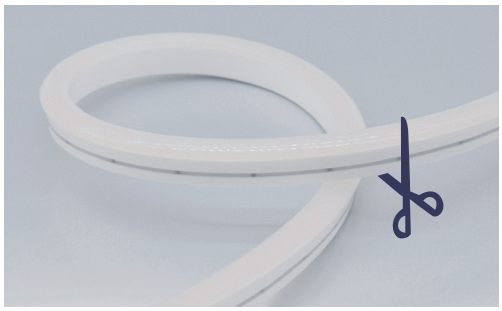
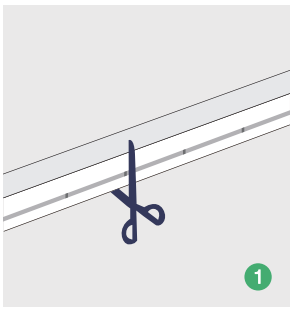
- Please don't walk on it without protection.

Power (W)	Finished CCT (K)	Lumen (LM/m)	Efficacy (LM/w)	Unit cut (mm)	Max.run length(m)	CV/CC
5	R	9.2	7.4	62.5	5	CV
	G	36.3	29.0			
	B	8.8	7.0			
	W (2400-3000K)	34.5	27.6			
	RGBW	90.6	18.1			
10	R	16.4	4.9	62.5	5	CV
	G	69.7	20.9			
	B	17.2	5.2			
	W (2400-3000K)	75	30.0			
	RGBW	179.4	17.9			
15	R	30.3	6.1	62.5	5	CV
	G	84.2	16.8			
	B	23.4	4.7			
	W (2400-3000K)	101.7	27.1			
	RGBW	255.2	17.0			
5	R	8	6.4	62.5	5	CV
	G	34.4	27.5			
	B	8.3	6.6			
	W (2400-3000K)	33.5	26.8			
	RGBW	83.4	16.7			
10	R	14.8	4.4	62.5	5	CV
	G	61.7	18.5			
	B	15.8	4.7			
	W (2400-3000K)	70.7	28.3			
	RGBW	161.5	16.2			
15	R	27.7	5.5	62.5	5	CV
	G	77	15.4			
	B	21.6	4.3			
	W (2400-3000K)	96.8	25.8			
	RGBW	226	15.1			

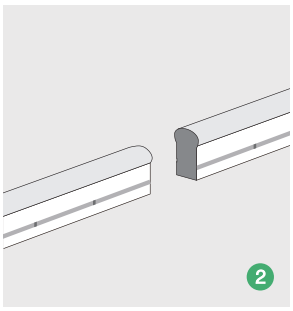
Cutting Method & Seal the section



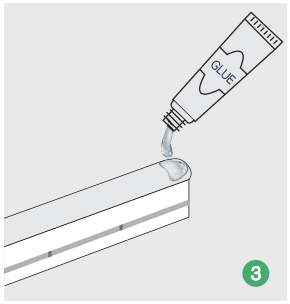
It is feasible to cut along the black point on the side of led strip. Do not cut optionally to avoid damage to led strip



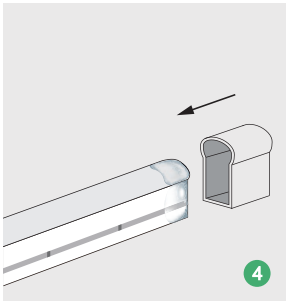
Cut the appropriate place



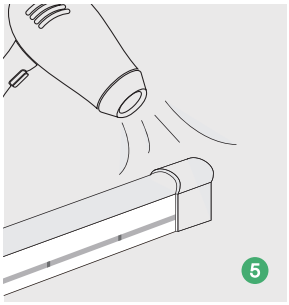
Finished the cutting



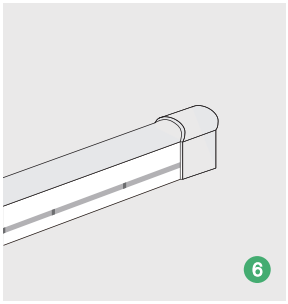
coat the section with glue uniformly after cutting



Insert the section into the plug according to direction of arrow

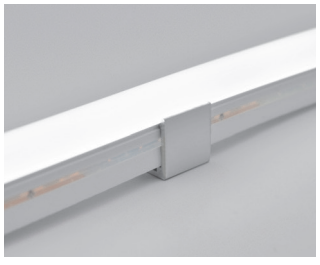


Dry the plug with hot wind or natural wind until make sure the installation is firm

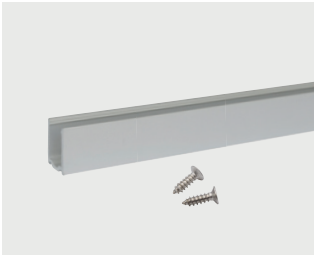


The effect of finished plug installation

Mounting Way



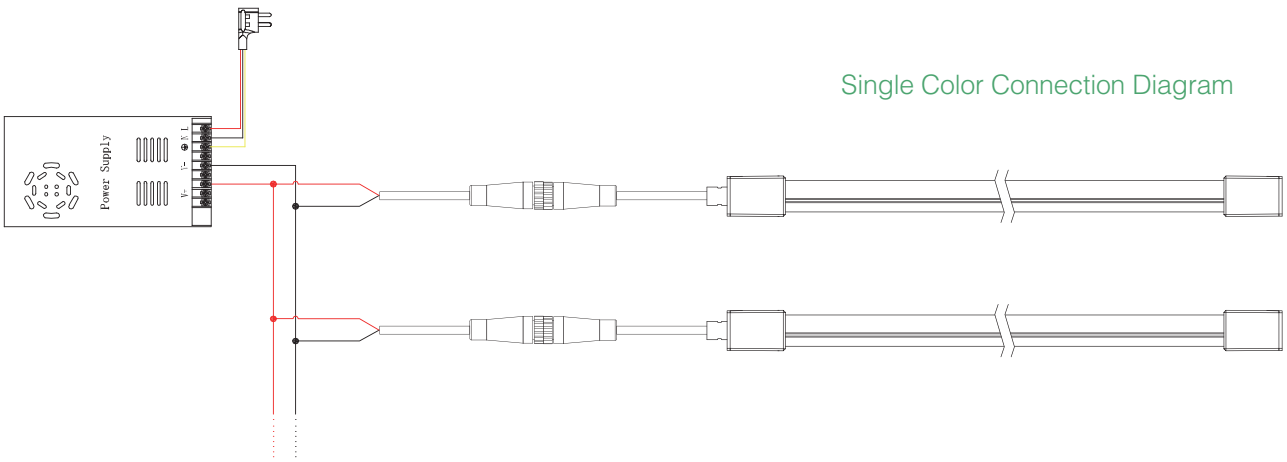
Aluminium Mounting clips
20x15x18.4mm(L x W x H)



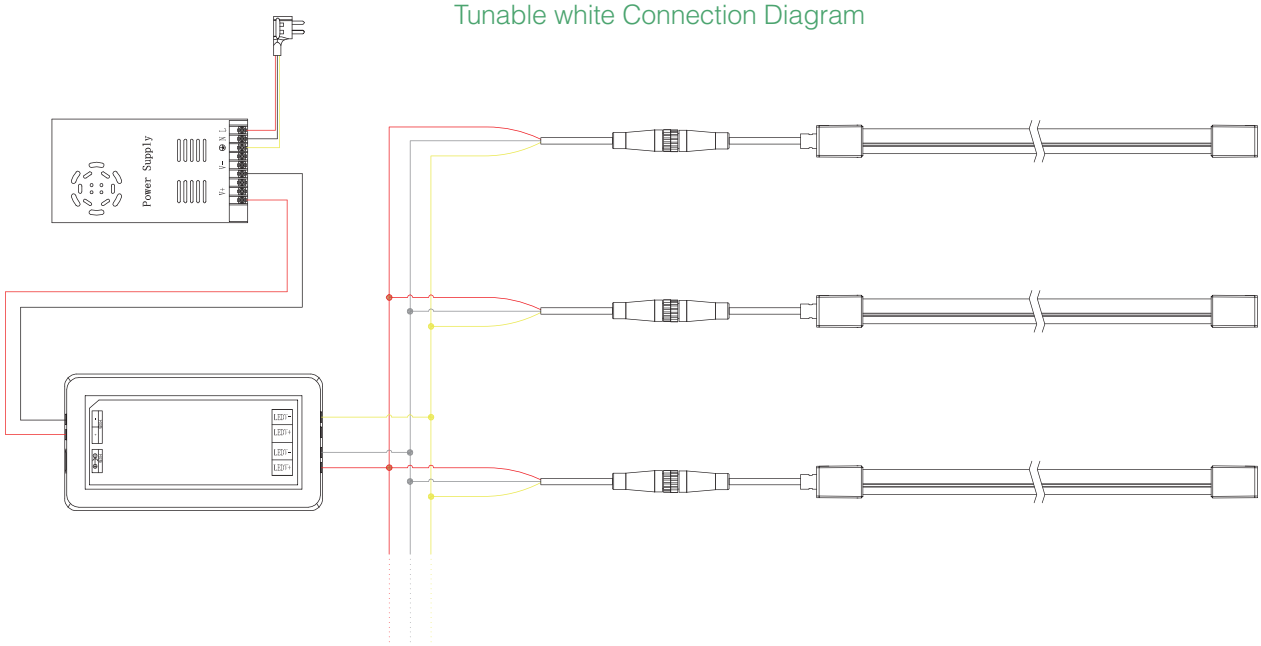
Aluminium Profile
1000x15x18.4mm(L x W x H)

Wiring diagram

Single Color Connection Diagram

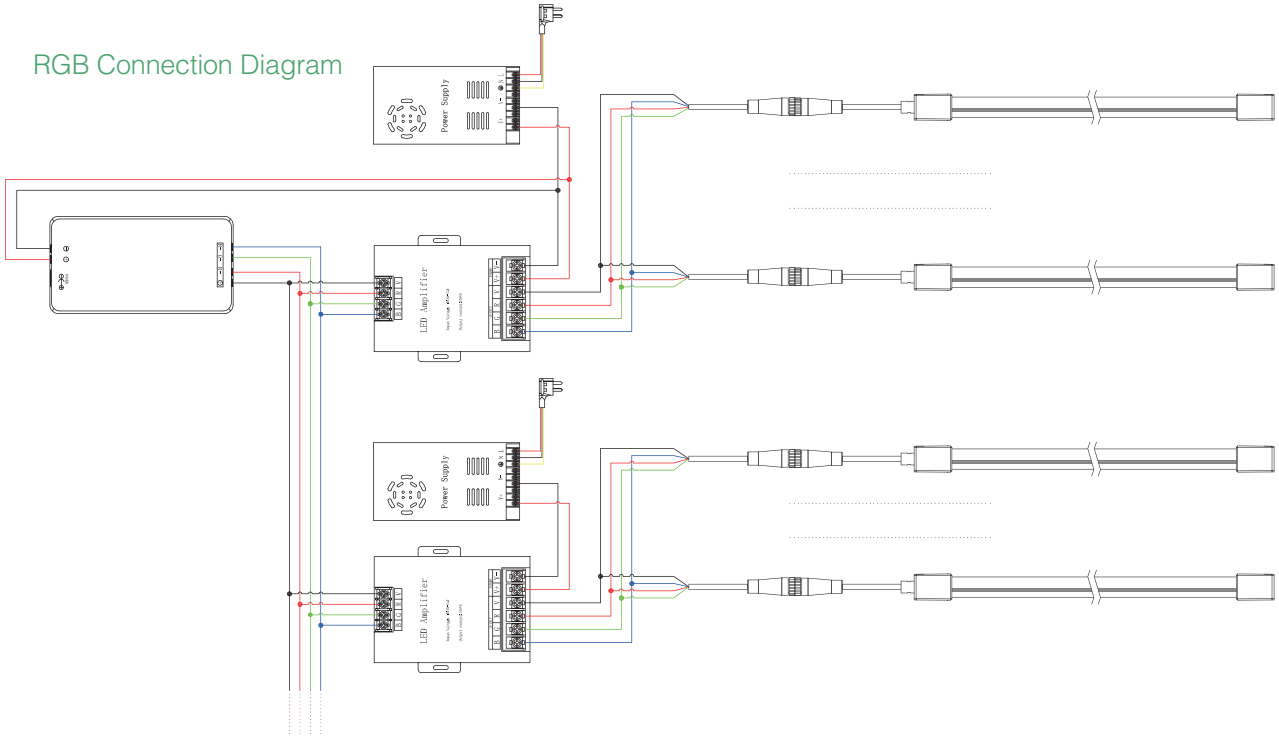


Tunable white Connection Diagram

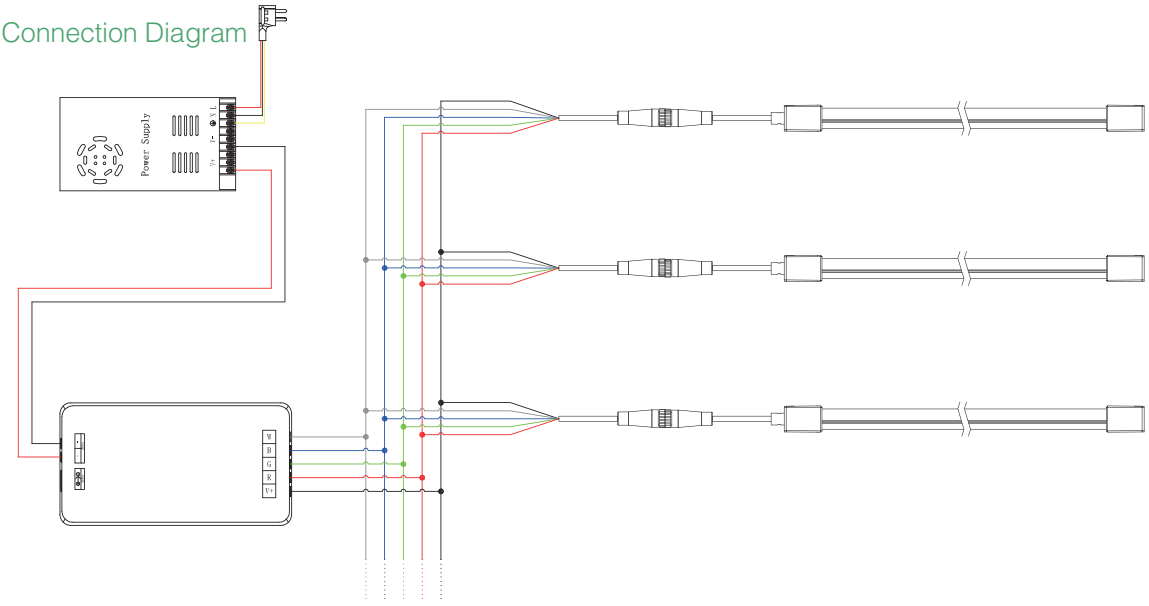


Wiring diagram

RGB Connection Diagram



RGBW Connection Diagram



H E L I A N

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