

SILICONE NEON STRIP

HL-N1023V24-Cxx

Side view

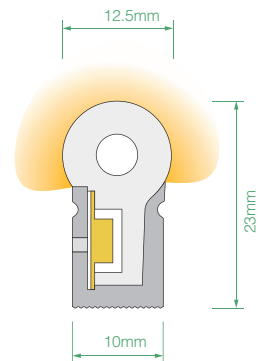
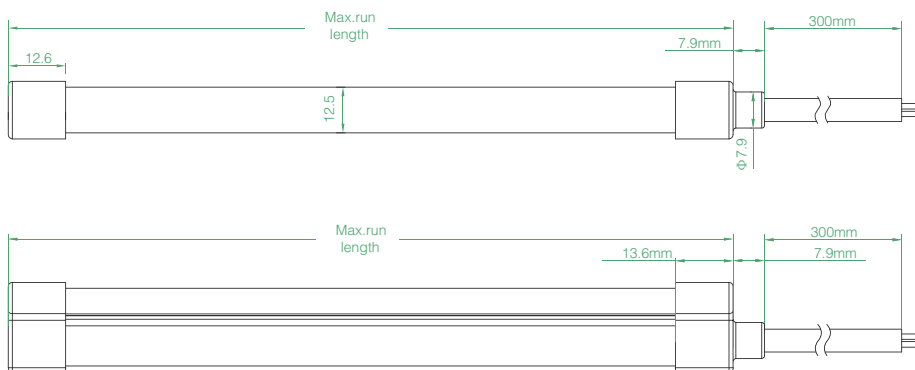




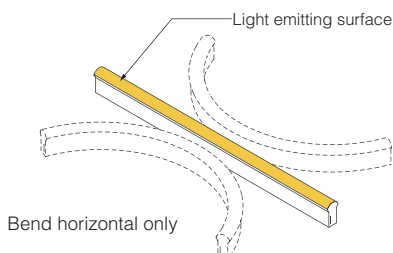
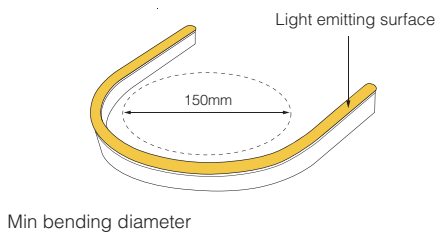
Model: HL-N1023V24-Cxx

- 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(lm/w)@4000K	39.4lm/w	38.7lm/w	36.1lm/w
Max ambient temperature	50°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can vary 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 Saltwater

- 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	160	32.0	5	CC/CV
			10	310	31.0	5	
			15	433	28.9	5	
● 2400±100	50	>90	5	167	33.4	5	CC/CV
			10	322	32.2	5	
			15	454	30.3	5	
● 2700±100	50	>90	5	179	35.8	5	CC/CV
			10	349	34.9	5	
			15	491	32.7	5	
● 3000±100	50	>90	5	175	35.0	5	CC/CV
			10	345	34.5	5	
			15	478	31.9	5	
● 3500 ⁺²⁰⁰ ₋₁₀₀	50	>90	5	194	38.8	5	CC/CV
			10	381	38.1	5	
			15	534	35.6	5	
● 4000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	197	39.4	5	CC/CV
			10	387	38.7	5	
			15	542	36.1	5	
● 5000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	191	38.2	5	CC/CV
			10	376	37.6	5	
			15	531	35.4	5	
● 6000 ⁺³⁰⁰ ₋₁₀₀	50	>90	5	179	35.8	5	CC/CV
			10	350	35.0	5	
			15	500	33.3	5	
● TW	50	>90	● 2.5	85	34.0	5	CV
			● 2.5	89	35.6	5	
			● 5	175	35.0	5	
● TW	50	>90	● 5	180	36.0	5	CV
			● 5	190	38.0	5	
			● 10	362	36.2	5	
● TW	50	>90	● 7.5	251	33.5	5	CV
			● 7.5	262	34.9	5	
			● 15	509	33.9	5	
● R	50	--	5	69	13.8	5	CC/CV
			10	148	14.8	5	
			15	197	13.1	5	
● G	50	--	5	213	42.6	5	CC/CV
			10	404	40.4	5	
			15	513	34.2	5	
● B	50	--	5	40	8.0	5	CC/CV
			10	74	7.4	5	
			15	103	6.9	5	
● Amber	50	--	5	63	12.6	5	CC/CV
			10	125	12.5	5	
			15	156	10.4	5	
● Pink	50	--	5	81	16.2	5	CC/CV
			10	162	16.2	5	
			15	218	14.5	5	

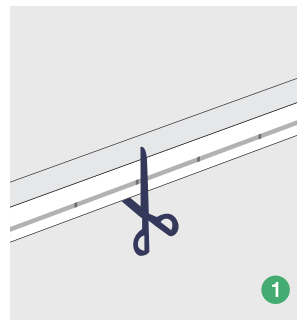
- TW: Tunable white, Testing CCT: 2700K+5400K
- Max series length refers to single side feed
- The above color temperature is the finished-product color temperature.
- The given data are typical values due to the tolerance of the production and electrical components, output value and electrical power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

Power (W)	Finished CCT (K)	Lumen (LM/m)	Efficacy (LM/w)	Unit cut (mm)	Max.run length(m)	CV/CC
5	 R	19	11.4	62.5	5	CV
	 G	51	30.6			
	 B	8.7	5.2			
	 RGB	78	15.6			
10	 R	34	10.2	62.5	5	CV
	 G	98	29.4			
	 B	19.8	5.9			
	 RGB	145	14.5			
15	 R	50	10	62.5	5	CV
	 G	113	22.6			
	 B	23.7	4.7			
	 RGB	181	12.1			

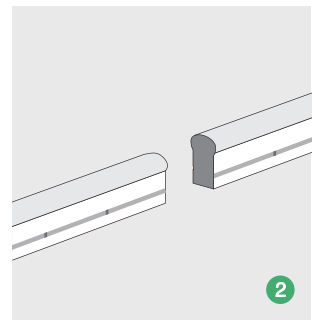
Cutting Method & Seal the section



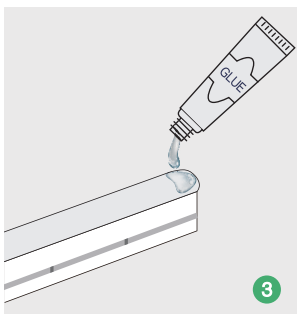
It is feasible to cut along the black point on the side of led strip. Do not cut optionally to avoid damage to led strip



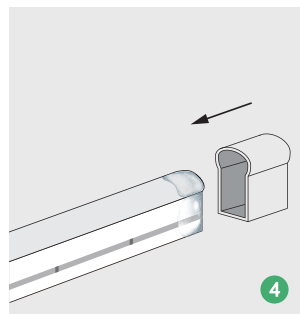
Cut the appropriate place



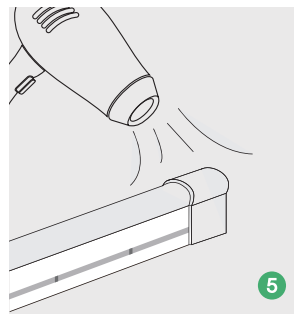
Finished the cutting



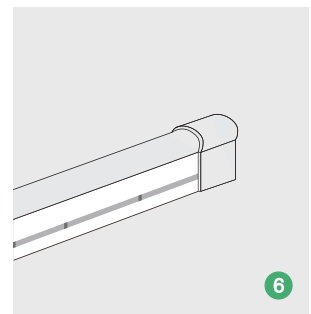
coat the section with glue uniformly after cutting



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

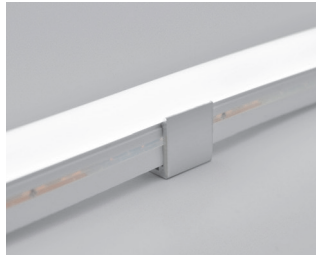


The effect of finished plug installation

Mounting Way



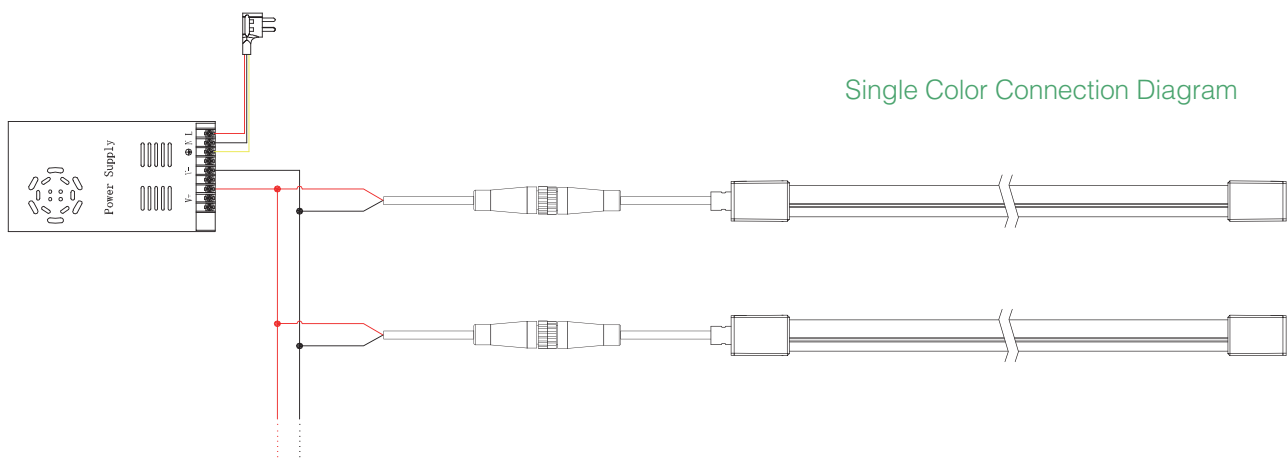
Aluminium Mounting clips
20x12.6x15.4mm(L x W x H)



Aluminium Profile
1000x12.6x15.4mm(L x W x H)

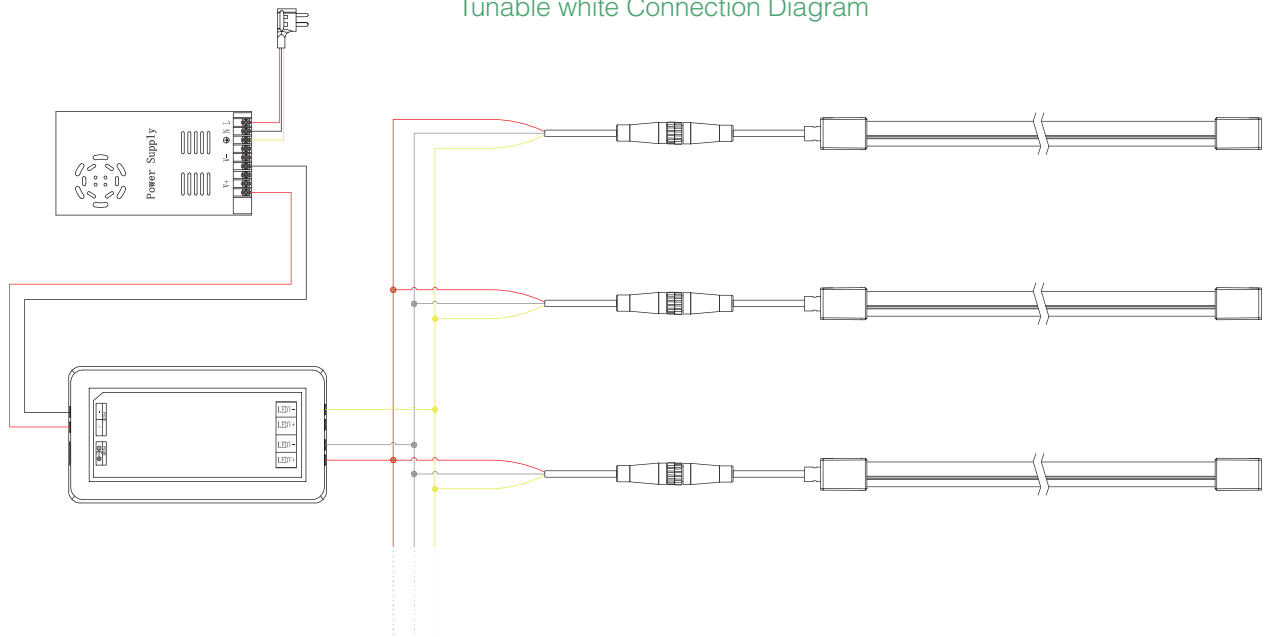


Wiring diagram

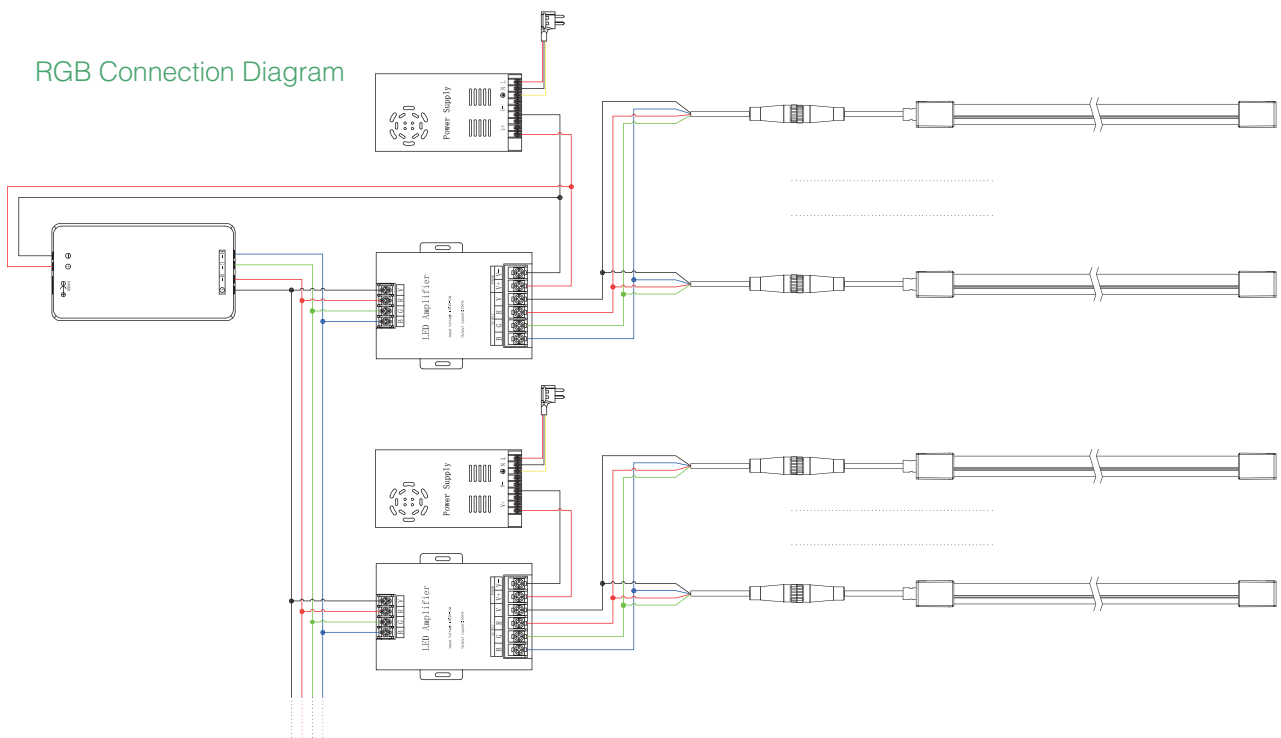


Wiring diagram

Tunable white Connection Diagram



RGB 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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