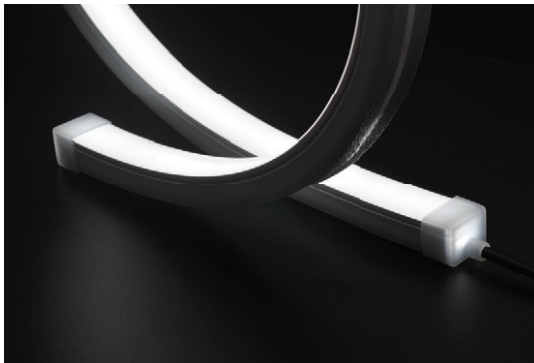


SILICONE NEON STRIP

HL-N2016V24-Cxx

Top view

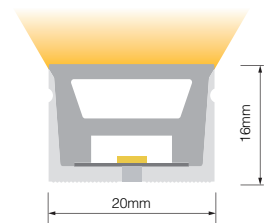
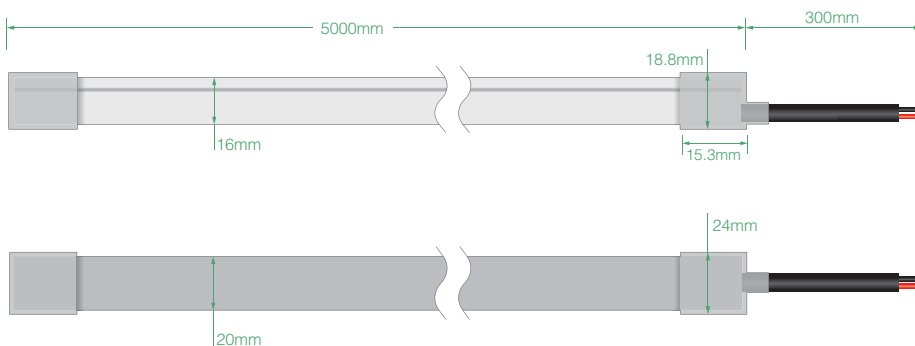




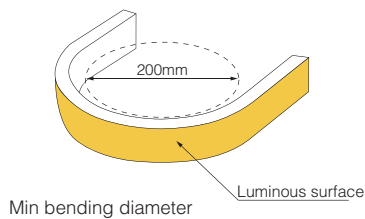
Model: HL-N2016V24-Cxx

- 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.

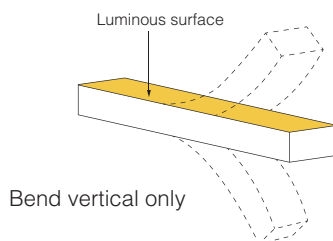
Dimension structure



Across section size's picture



Min bending diameter



Bend vertical only

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	65 lm/w	63 lm/w	61 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%



Horizontal Bending



Vertical Bending



Only One Bin



3-Step MacAdam



UV Protection



Resistant to solvents



IP67

Waterproof Grade



LM80

LM80 Standard



Resistant Saltwater

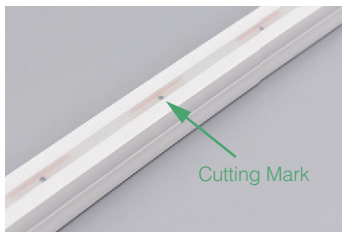
- TW: Tunable white, Testing CCT: 2700K+5400K
- Max series length refers to single side feed
- The above color temperature is the finished-product color temperature.
- The given data are typical values due to the tolerance of the production and electrical components, output value and electrical power 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	237.5	47.5	5	CC/CV
			10	495	49.5	5	
			15	772.5	51.5	5	
● 2400±100	50	>90	5	272.5	54.5	5	CC/CV
			10	525	52.5	5	
			15	757.5	50.5	5	
● 2700±100	50	>90	5	305	61.0	5	CC/CV
			10	590	59.0	5	
			15	855	57.0	5	
● 3000±100	50	>90	5	305	61.0	5	CC/CV
			10	590	59.0	5	
			15	855	57.0	5	
● 3500 ⁺²⁰⁰ ₋₁₀₀	50	>90	5	287.5	57.5	5	CC/CV
			10	555	55.5	5	
			15	802.5	53.5	5	
● 4000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	325	65.0	5	CC/CV
			10	630	63.0	5	
			15	915	61.0	5	
● 5000 ⁺³⁰⁰ ₋₂₀₀	50	>90	5	322.5	64.5	5	CC/CV
			10	625	62.5	5	
			15	907.5	60.5	5	
● 6000 ⁺³⁰⁰ ₋₁₀₀	50	>90	5	322.5	64.5	5	CC/CV
			10	625	62.5	5	
			15	907.5	60.5	5	
● TW	50	>90	● 2.5	165	66.0	5	CV
			● 2.5	165	66.0	5	
			● 5	330	66.0	5	
● TW	50	>90	● 5	320	64.0	5	CV
			● 5	320	64.0	5	
			● 10	640	64.0	5	
● TW	50	>90	● 7.5	465	62.0	5	CV
			● 7.5	465	62.0	5	
			● 15	930	62.0	5	
● R	50	--	5	155	31.0	5	CC/CV
			10	290	29.0	5	
			15	405	27.0	5	
● G	50	--	5	315	63.0	5	CC/CV
			10	610	61.0	5	
			15	885	59.0	5	
● B	50	--	5	77.5	15.5	5	CC/CV
			10	135	13.5	5	
			15	172.5	11.5	5	
● Yellow	50	--	5	150	30.0	5	CC/CV
			10	280	28.0	5	
			15	390	26.0	5	
● Pink	50	--	5	140	28.0	5	CC/CV
			10	260	26.0	5	
			15	360	24.0	5	
● Orange	50	--	5	125	25.0	5	CC/CV
			10	230	23.0	5	
			15	315	21.0	5	

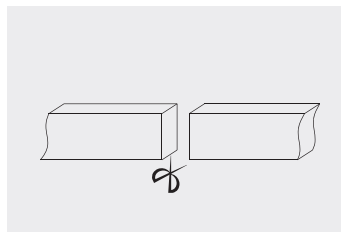
- TW: Tunable white, Testing CCT: 2700K+5400K
- Max series length refers to single side feed
- The above color temperature is the finished-product color temperature.
- The given data are typical values due to the tolerance of the production and electrical components, output value and electrical power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

Finished CCT(K)	Unit cut (mm)	CRI	Power (W)	Lumen (LM/m)	Efficacy (LM/w)	Max.run length(m)	CV/CC
 RGB	62.5	>90	5	150	30	5	CV
			10	280	28	5	
			15	390	26	5	
 RGBW	83.3	>90	5	263	53	5	CV
			10	505	51	5	
			15	728	49	5	

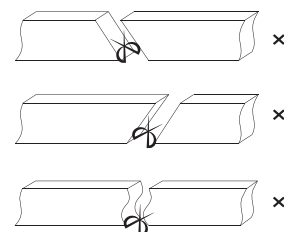
Cutting Mark



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.

Cautions:

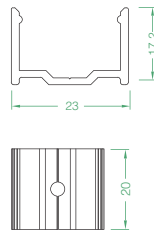
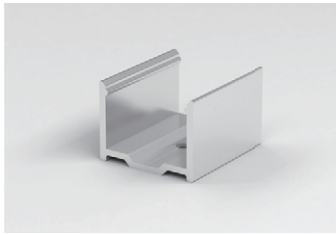
The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

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

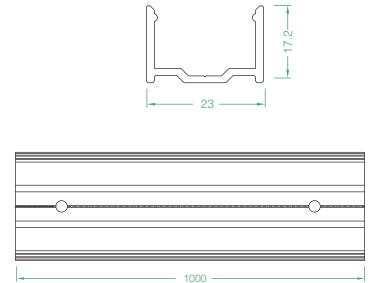
paint, wallpaper adhesive, various decoration materials or new furniture, possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing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

Mounting Way

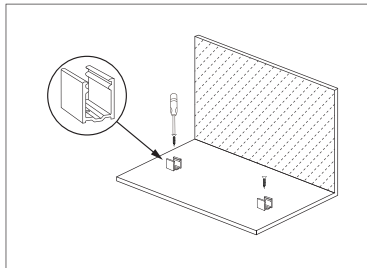
Aluminium Mounting clips



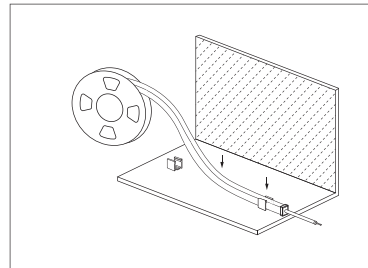
Aluminium Profile



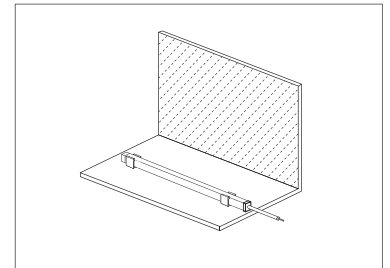
Clips
installation



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

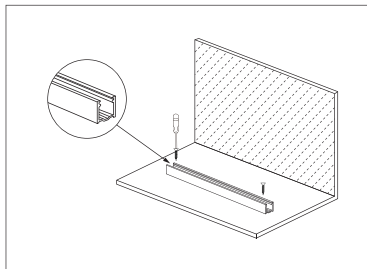


Put the neon light into the clips, please do not twist or bend excessively during installation. Take it out and reassemble, it will most likely cause the product damaged.

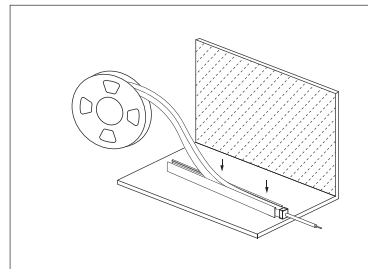


Fixed finish, light up with the DC driver.

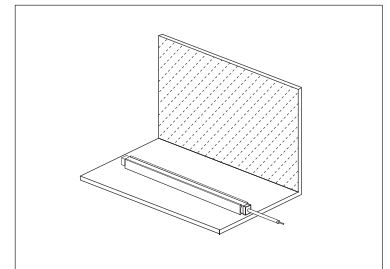
Groove's
installation



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

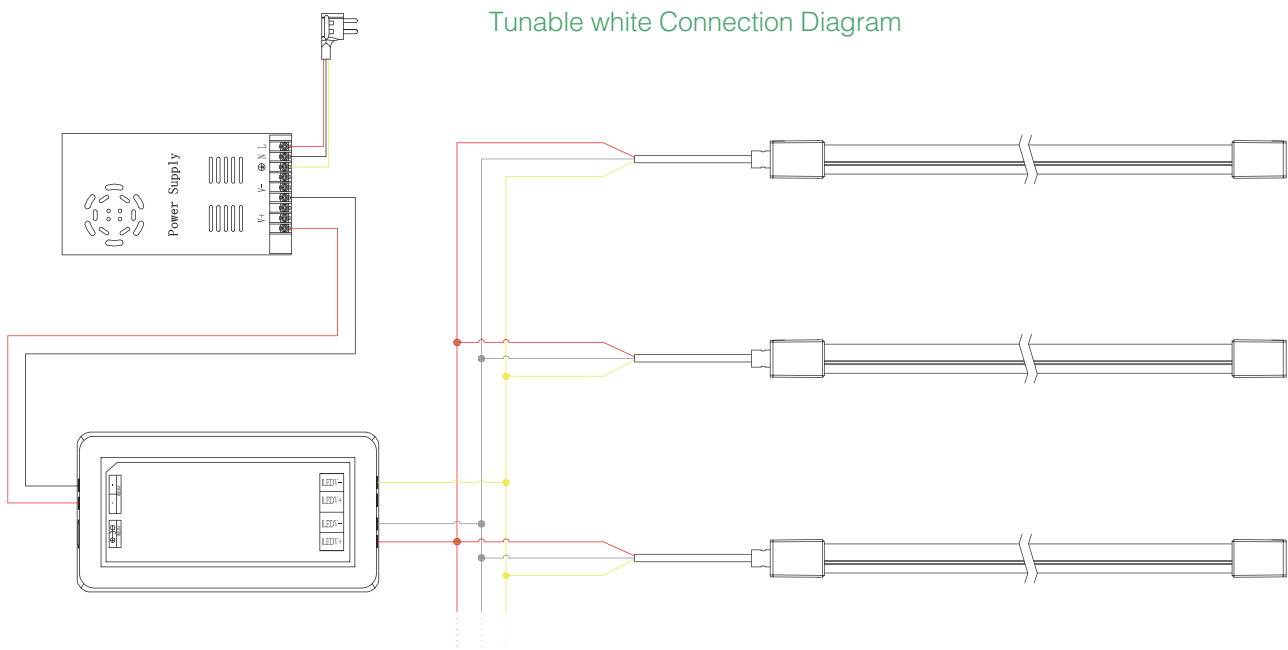
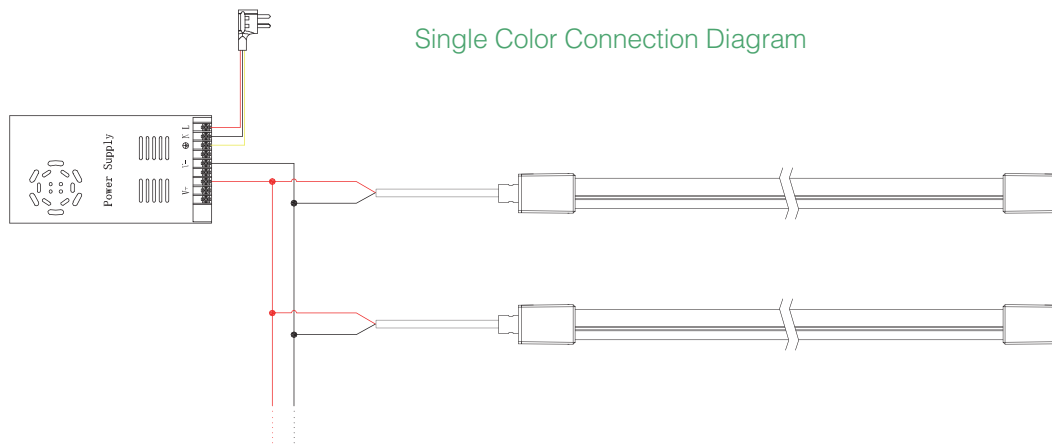


Put the neon light into the clips, please do not twist or bend excessively during installation. Take it out and reassemble, it will most likely cause the product damaged.



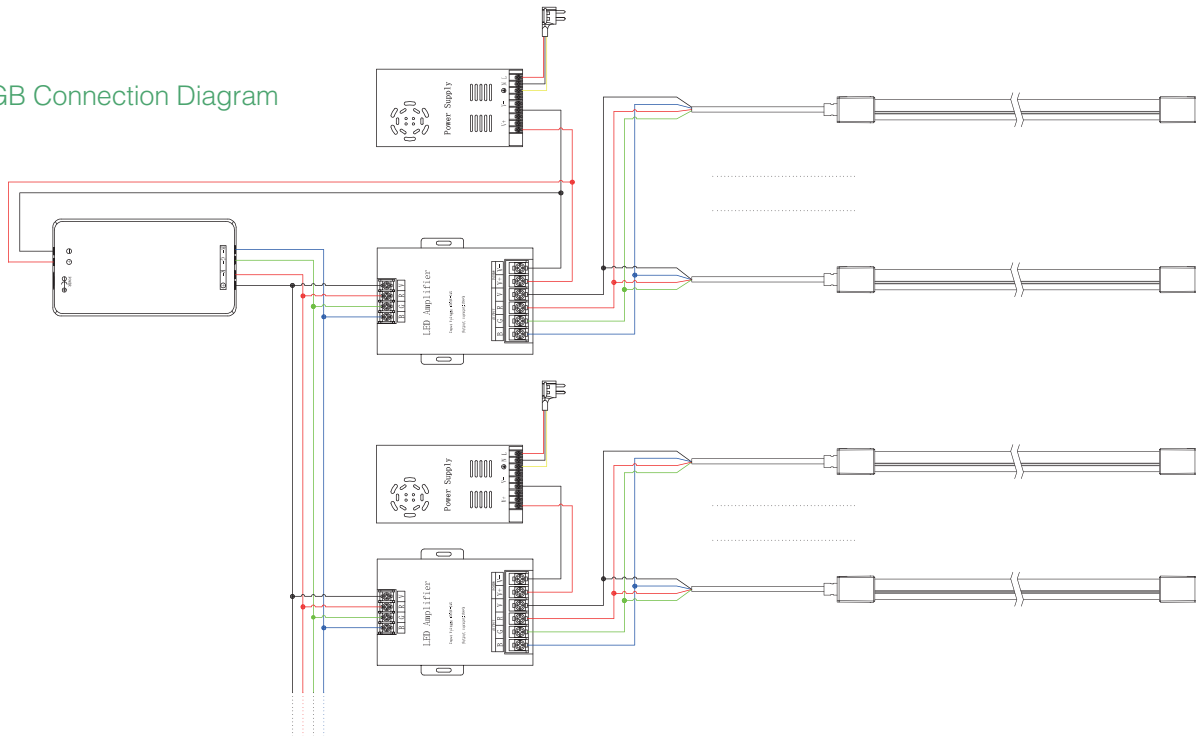
Fixed finish, light up with the DC driver.

Wiring diagram

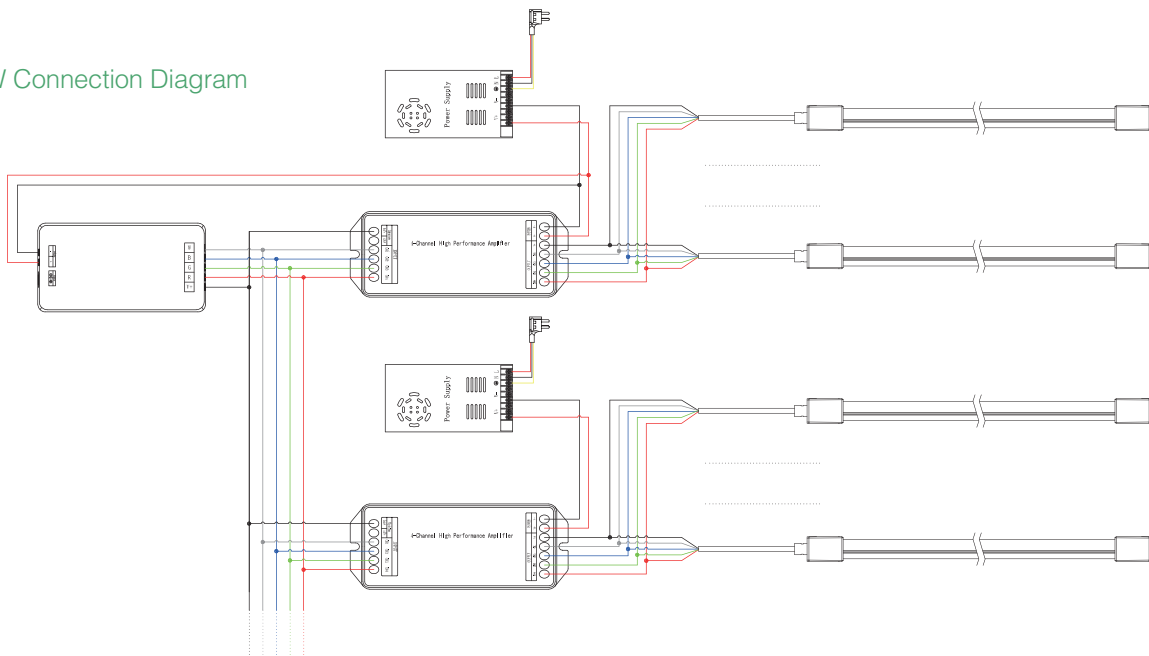


Wiring diagram

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



OUR EMAIL

admin@hlled.com



OUR PHONE

(86)-755-27606785



OUR WEBSITE

www.hlled.com