HELIAN
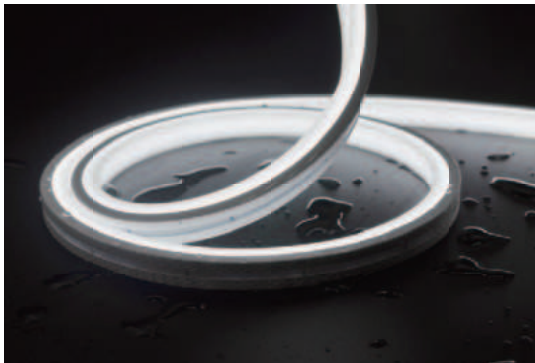
SILICONE
NEON STRIP
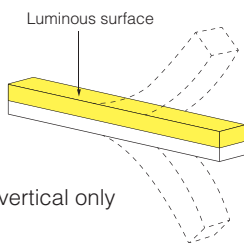
HL-N1010V24-Cxx | Three Sided Light

Model: HL-N1010V24-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

5000mm 300mm

10mm

10mm

10mm

10mm

Across section
size's picture

100mm

Luminous surface
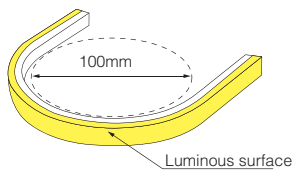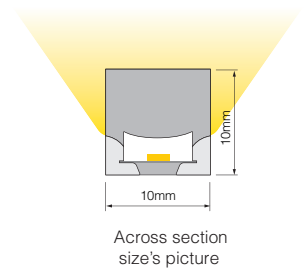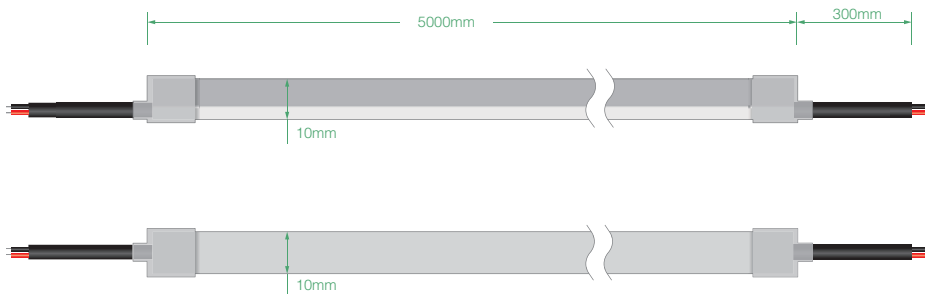
Min bending diameter

Luminous surface

Bend vertical only

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
Efficacy@4000K	85.9 lm/w	82.9 lm/w
Max Ambient Temperature	55℃	45℃

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	
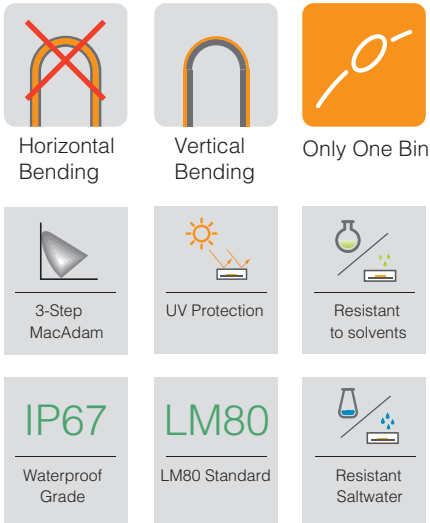
| Finished CCT(K)	Unit cut (mm)	CRI	Power (W)	Lumen (LM/m)	Efficacy (LM/w)	Max.run length(m)	CV/CC
● 2100 ±100	35.7	>90	5	332.5	66.5	5	CV
			10	644.1	64.4	5	
● 2400 ±100	35.7	>90	5	354.8	71.0	5	CV
			10	684.7	68.5	5	
● 2700 ±100	35.7	>90	5	380.2	76.0	5	CV
			10	737.9	73.8	5	
● 3000 ±100	35.7	>90	5	401.6	80.3	5	CV
			10	785.9	78.6	5	
● 3500 $^{+200}_{-100}$	35.7	>90	5	371.3	74.3	5	CV
			10	718.7	71.9	5	
● 4000 $^{+300}_{-200}$	35.7	>90	5	429.6	85.9	5	CV
			10	828.8	82.9	5	
● 5000 $^{+300}_{-200}$	35.7	>90	5	427.6	85.5	5	CV
			10	827.7	82.8	5	
● 6000 $^{+400}_{-100}$	35.7	>90	5	419	83.8	5	CV
			10	810.6	81.1	5	
● R	35.7	-	5	153.7	30.7	5	CV
			10	331.6	33.2	5	
● G	35.7	-	5	512.7	102.5	5	CV
			10	920.8	92.1	5	
● B	35.7	-	5	93.96	18.8	5	CV
			10	173.6	17.4	5	
● Yellow	35.7	-	5	127.4	25.5	5	CV
			10	268.1	26.8	5	
● Pink	35.7	-	5	179	35.8	5	CV
			10	347.5	34.8	5	

Cutting Mark
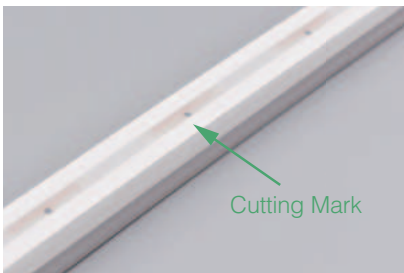
Cutting Mark

Remark: The bottom of the led strip has transparent window,the black marker is the cutting position
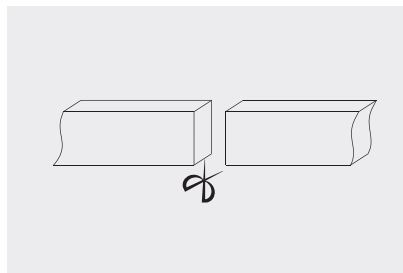
Vertical cutting precisely in the exact cutting position of led strip.
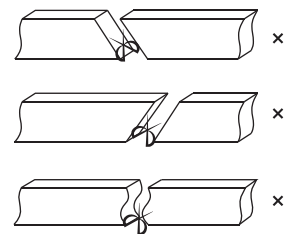
Please don't be feel free to cut and cut into an oblique angle or cambered section.
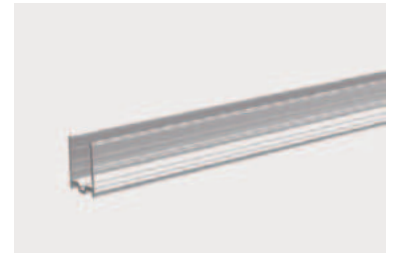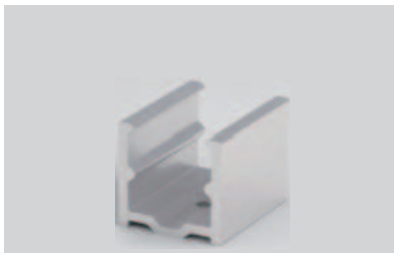
Mounting Way

Stainless Steel Mounting clips

11.6*7.6*8mm

Aluminium Profile

12.4*13*1000mm

transparent plastic groove

12*14.3*1000

Mounting clip

12.4*13*20mm

Bendable Stainless Steel Profile

11.2*10.3*1000mm

Cable Entry

Silicone end cap

Integral plug

Front Cable Entry
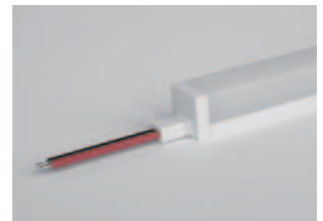
Side Cable Entry

Bottom Cable Entry

Front Cable Entry

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

Single Color Connection Diagram

Power Supply

RGB Connection Diagram

Power Supply

LED Amplifier

Power Supply

LED Amplifier
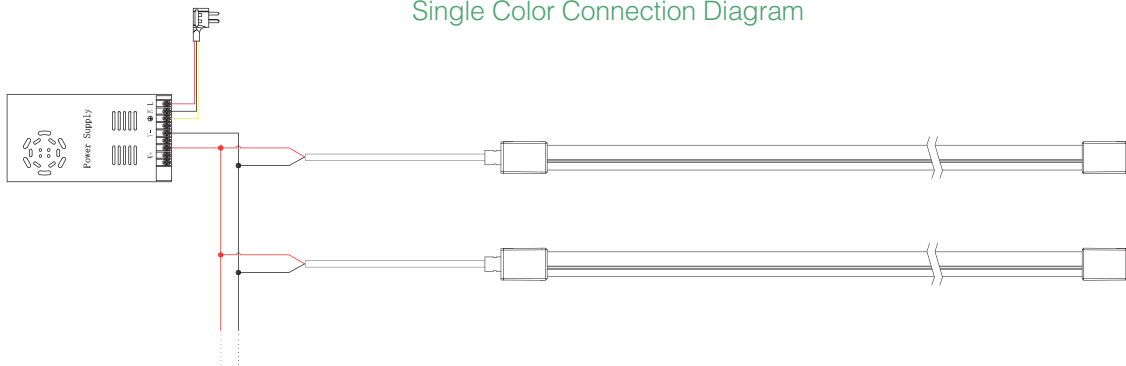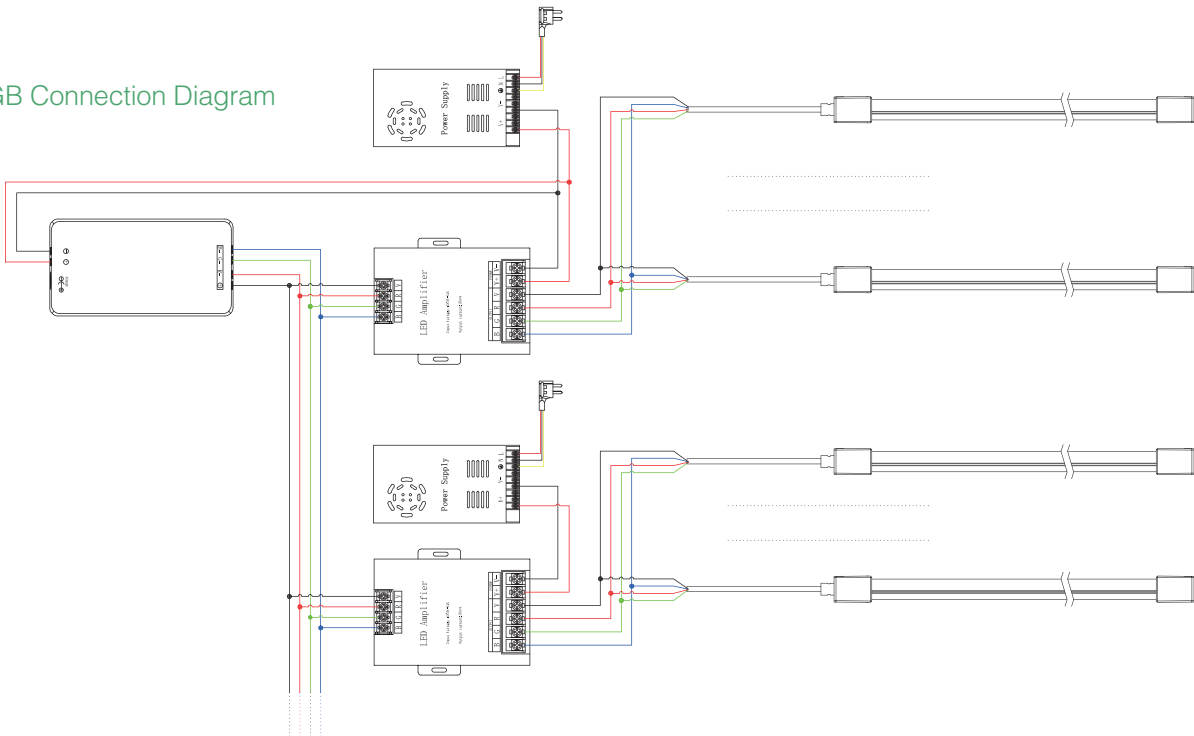
HELIAN

Specialized LED strip Manufacturer

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