Model: SECOJC1-N1212

SILICONE
LED FLEX NEON

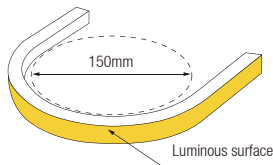c**UL**us E348340 C€ RoHS △ TÜVRheinland [§] CB LM-80
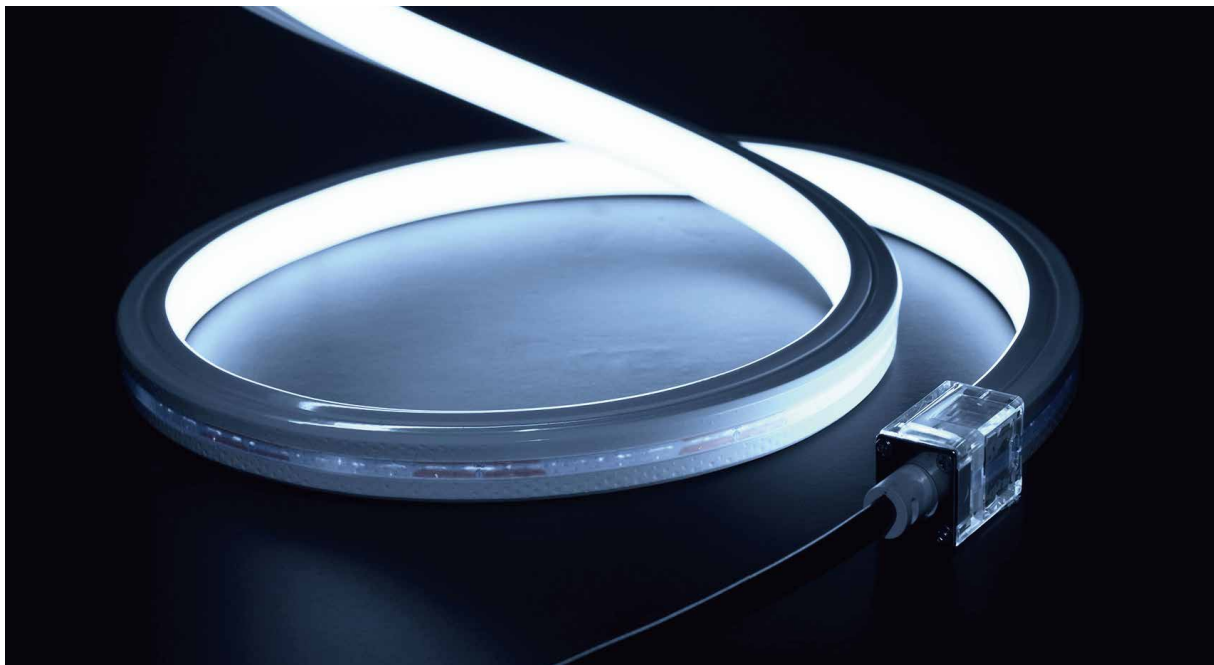
Model: SECOJC1-N1212

- 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
- 3 years warranty, working life ≥30000 hours;

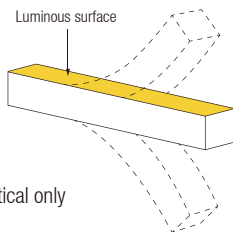## Dimension structure

Max.run length | 12mm | 300mm | 16mm | 26.5mm | 12mm | 17mm | 12mm | 12mm
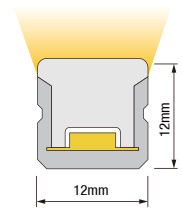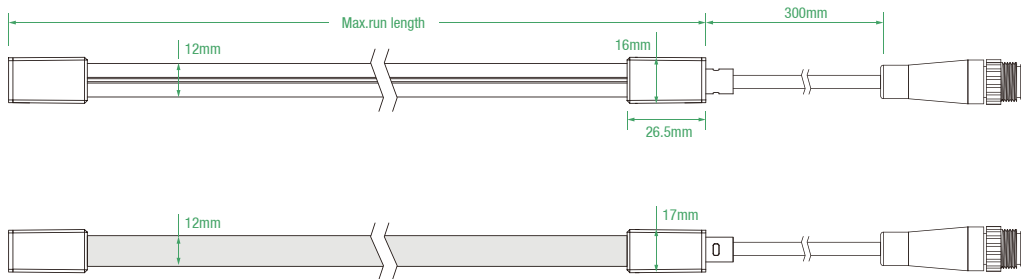
Across section size's picture

150mm
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(lm/w)@4000K	69.4lm/w	67.7lm/w
Max ambient temperature	50℃	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
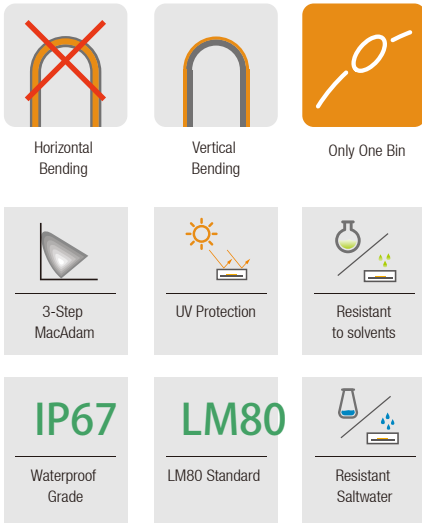
Finished CCT (K)	Unit cut (mm)	CRI	Power (W)	Lumen (LM/m)	Efficacy (LM/w)	Max.run length(m)	CV/CC
2100 ±100	50	>90	5	290.8	58.2	19	CC/CV
			10	559.8	56.0	13	
2400 ±100	50	>90	5	289.6	57.9	19	CC/CV
			10	562.4	56.2	13	
2700 ±100	50	>90	5	349.5	69.9	19	CC/CV
			10	668.3	66.8	13	
3000 ±100	50	>90	5	329.7	65.9	19	CC/CV
			10	638.8	63.9	13	
3500 +200 −100	50	>90	5	354.1	70.8	19	CC/CV
			10	661.7	66.2	13	
4000 +300 −200	50	>90	5	347.1	69.4	19	CC/CV
			10	677.4	67.7	13	
5000 +300 −200	50	>90	5	346.7	69.3	19	CC/CV
			10	681.9	68.2	13	
6000 +300 −100	50	>90	5	336.2	67.2	19	CC/CV
			10	661.8	66.2	13	
TW	50	>90	2.5	151.2	60.5	5	CV
			2.5	161.2	64.5	5	
			5	316	63.2	5	
TW	50	>90	5	314.5	62.9	5	CV
			5	336.6	67.3	5	
			10	646.1	64.6	5	
R	50	--	5	132	26.4	25	CC/CV
			10	276.7	27.7	17	
G	50	--	5	374	74.8	19	CC/CV
			10	703	70.3	13	
B	50	--	5	70	14.0	19	CC/CV
			10	129	12.9	13	
Amber	50	--	5	27.9	5.6	25	CC/CV
			10	50.7	5.1	17	
Pink	50	--	5	143	28.6	19	CC/CV
			10	278	27.8	13	
RGB-R	62.5	--	1.7	34.2	20.1	5	CV
			3.3	69.1	20.9	5	
RGB-G	62.5	--	1.7	111	65.3	5	CV
			3.3	214.5	65.0	5	
RGB-B	62.5	--	1.7	20	11.8	5	CV
			3.3	40.2	12.2	5	
RGB	62.5	--	5	174	34.8	5	CV
			10	288	28.8	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 very up to 10%
- Please don't walk on it without protection.

Cable Entry

	Integral plug	Combined end cap	Silicone end cap

Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Side Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.
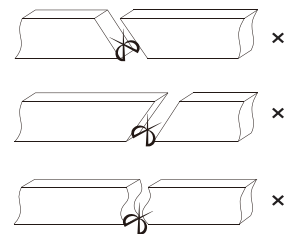
Cutting Mark

Cutting Mark

Remark: The bottom of the led strip has transparent window, the black marker is the cutting position
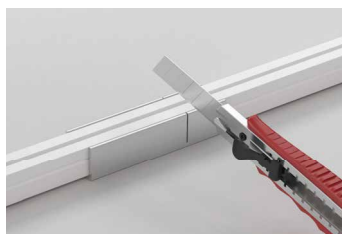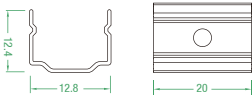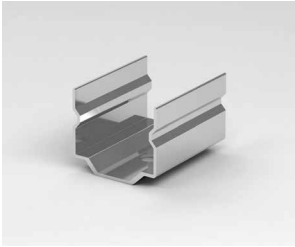
Use a cutting jig, vertical cutting precisely in the exact cutting position of led strip.

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

SHENZHEN LINGBENYANG IND. CO., LTD.
Tel: +86–755–83544570   Fax: +86–755–83056229   E–mail: info@lbyled.com   Http//: www.lbyled.com
Company Address.: 28F, Luban Building, Hongli West Road, Futian District, Shenzhen 518034, China
Factory Address: 6F, Xinyongfeng Industrial Area, Yingrenshi Village, Shiyan Town, Bao'an District, Shenzhen 518108, China

03

Mounting Way

Stainless Steel Mounting clips

Aluminium Mounting clips
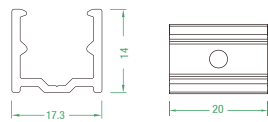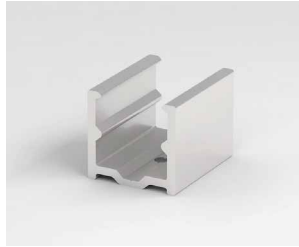
Aluminium Profile

Suspension Installation

Cautions:

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

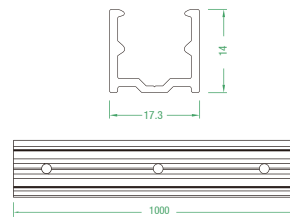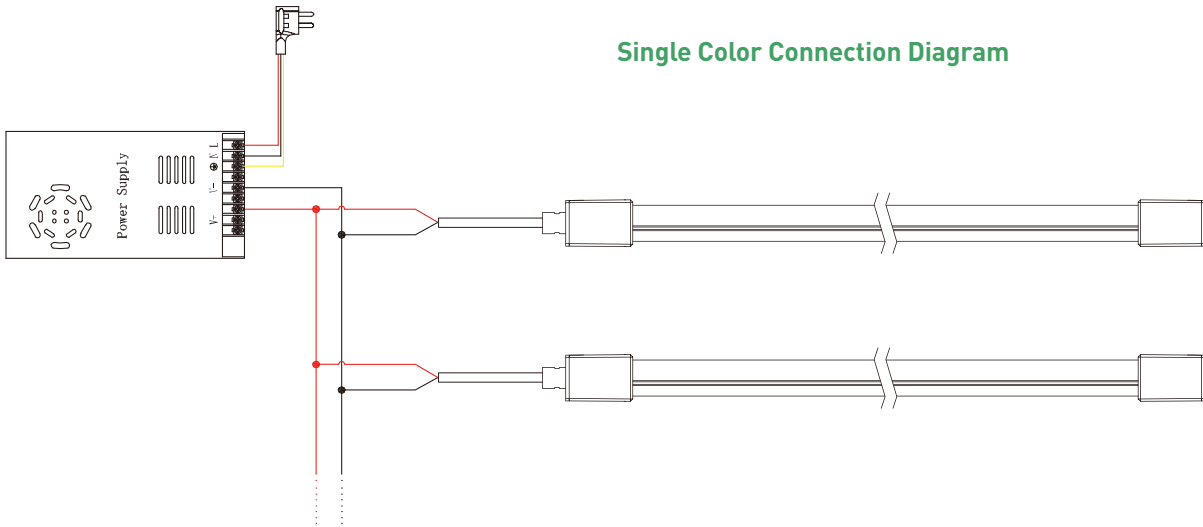Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture , possibly release of nail and benzene substances, it is recommended to 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.

SHENZHEN LINGBENYANG IND. CO., LTD.
Tel: +86−755−83544570   Fax: +86−755−83056229   E−mail: info@lbyled.com   Http//: www.lbyled.com
Company Address.: 28F, Luban Building, Hongli West Road, Futian District, Shenzhen 518034, China
Factory Address: 6F, Xinyongfeng Industrial Area, Yingrenshi Village, Shiyan Town, Bao'an District, Shenzhen 518108, China

04

Wiring diagram

Single Color Connection Diagram

Tunable white Connection Diagram

SHENZHEN LINGBENYANG IND. CO., LTD.
Tel: +86−755−83544570   Fax: +86−755−83056229   E−mail: info@lbyled.com   Http//: www.lbyled.com
Company Address.: 28F, Luban Building, Hongli West Road, Futian District, Shenzhen 518034, China
Factory Address: 6F, Xinyongfeng Industrial Area, Yingrenshi Village, Shiyan Town, Bao'an District, Shenzhen 518108, China

05

RGB Connection Diagram

SHENZHEN LINGBENYANG IND. CO., LTD.
Tel: +86−755−83544570   Fax: +86−755−83056229   E−mail: info@lbyled.com   Http//: www.lbyled.com
Company Address.: 28F, Luban Building, Hongli West Road, Futian District, Shenzhen 518034, China
Factory Address: 6F, Xinyongfeng Industrial Area, Yingrenshi Village, Shiyan Town, Bao'an District, Shenzhen 518108, China

06