



Become your
most trusted
LED lighting supplier



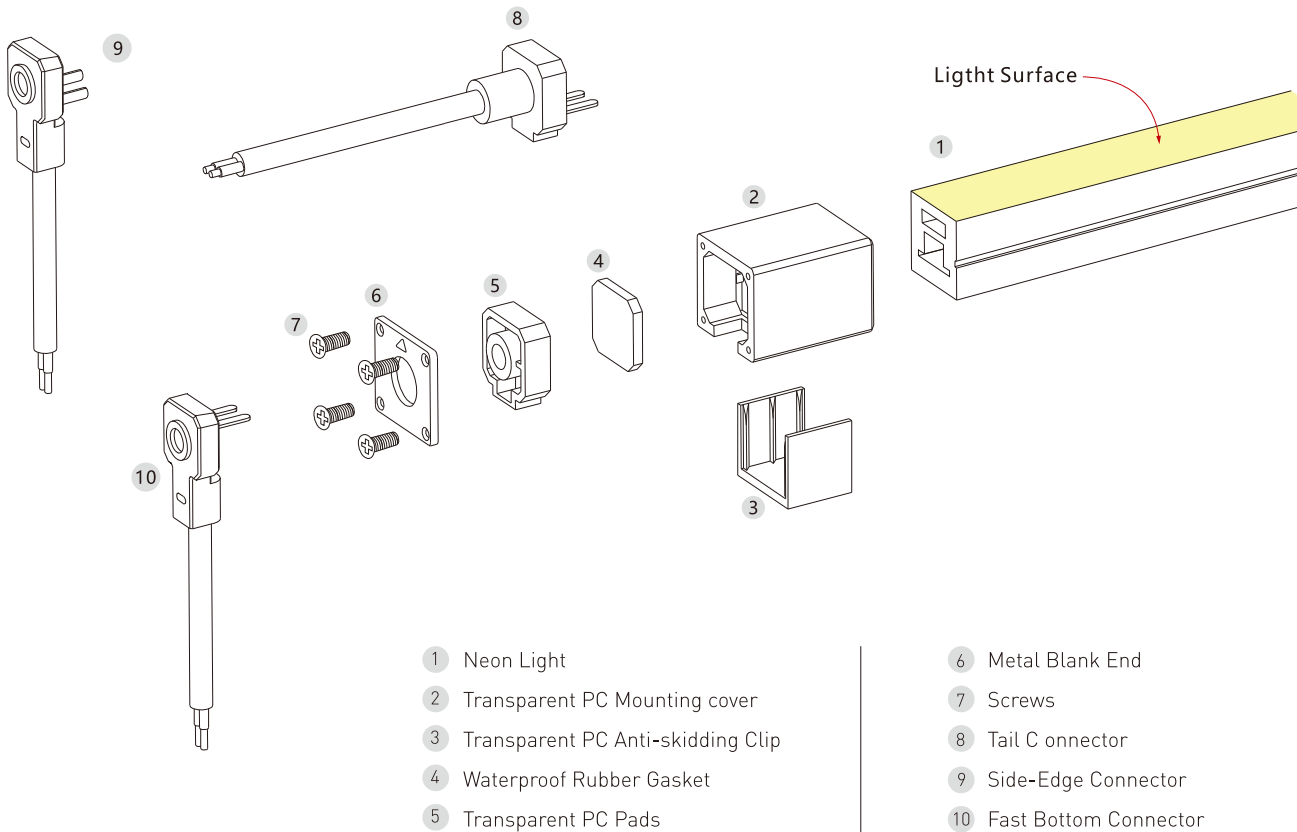
01 SILICONE NEON STRIP

Silicone Neon Strip adopts the high light transmittance and environmental protection grade silicone gel material, with integrated extrusion molding process. And its protection grade can reach up to IP67/IP68. With excellent heat resistance, cold resistance, aging resistance, yellowing resistance, UV resistance, saltwater resistance, the outstanding feature of the material is a wide temperature range(-50 to 200 degrees).

Various Connections

Provide multiple insalltion accessories for top bend and side bend, meet various applying demands.

Accessories diagram for Solder Free End Cap



Solder Free End Cap



Front Cable Entry



Side Cable Entry

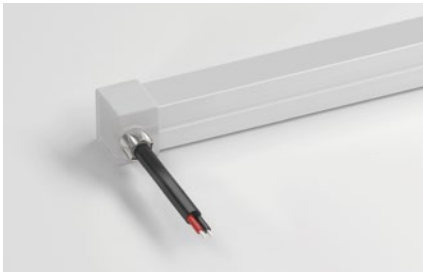
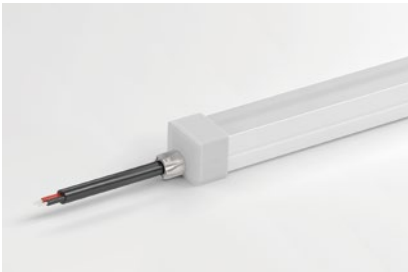


Bottom Cable Entry

Integral 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 seamlesslight connection.

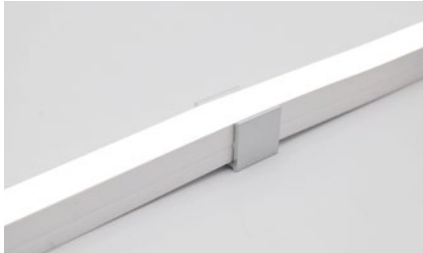
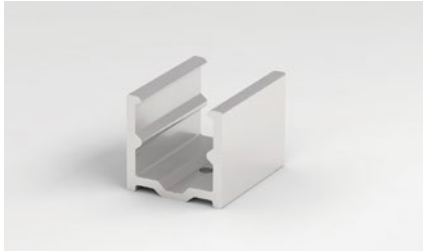
Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamlesslight connection.

Mounting method

Stainless Steel Mounting clip



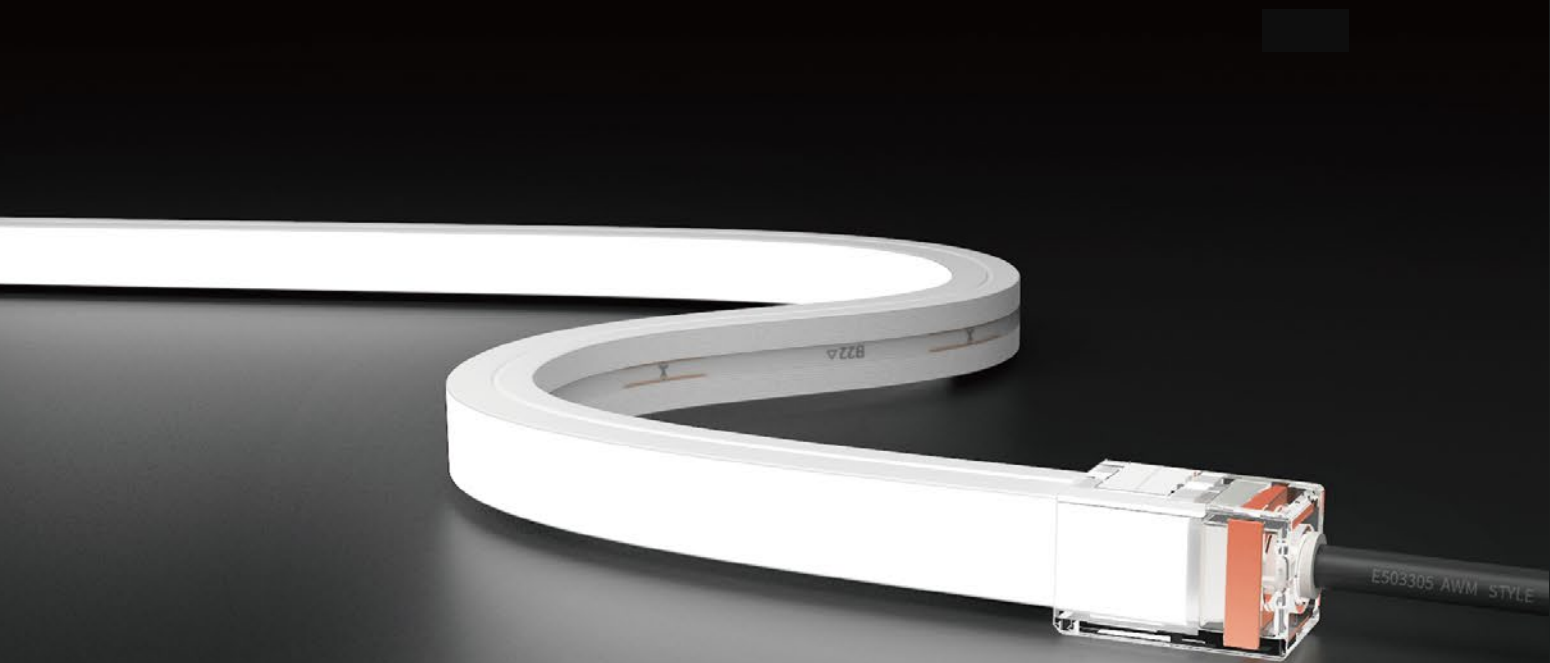
Aluminum Mounting clip



Aluminium Profile



Solder Free End Cap NEW



N1615 Top Bend

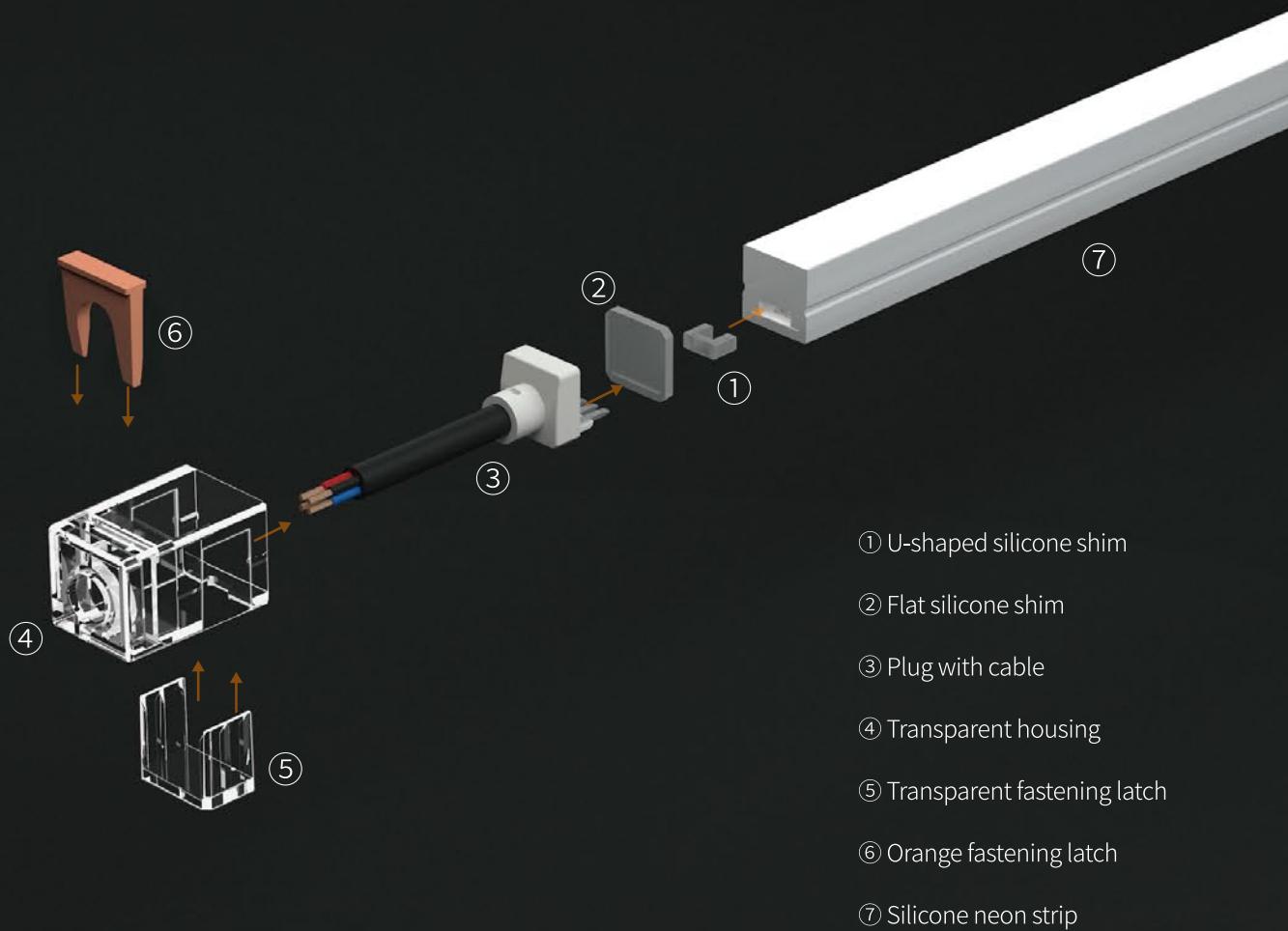


N1220 Side Bend



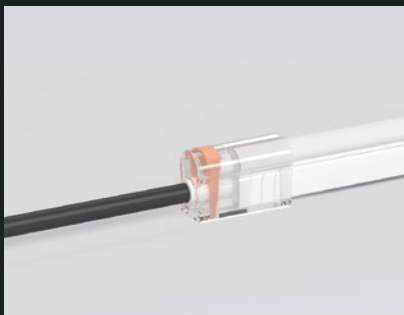
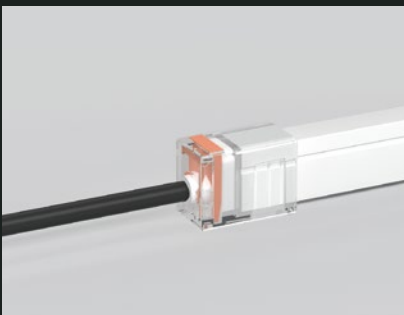
N0817 (180° Emitting)

Accessories diagram for Solder Free End Cap



Solder Free End Cap

Front Cable Entry



IP67, Top Bend Series

N1615

N0606S

N1010

N1212

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV
- Systematized solution of installation.



IP67, Three Sided Luminous (Top Bend)

N1010

- IP67 protection level, Three Sided luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

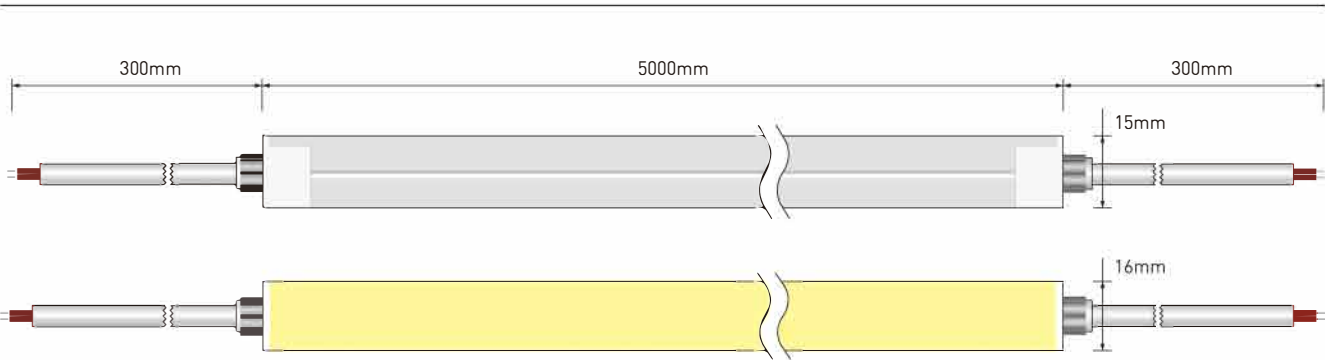


N1615

IP67 FLEX LEDNEON N1615, Top bend, DC24V. Cross section size 16mm x 15mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and salt-water resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



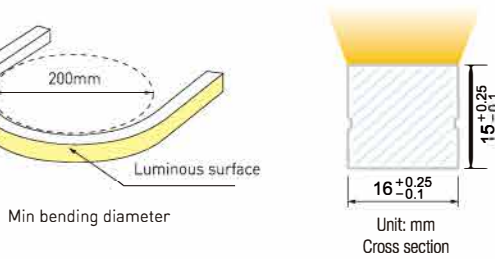
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{min} = -25℃, T _{max} [Table below]

LEDNEON 1615	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _{max})	55℃	45℃	35℃

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color
PARAMETER



CCT Tunable
PARAMETER



RGB

PARAMETER



RGBW

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	460	46	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	470	47	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	550	55	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	540	54	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	585	58.5	50	17(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	575	57.5	50	17(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	570	57	50	17(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	575	57.5	50	17(CC)	CC/CV
Red	--	DC24V	10	240	24	50	18(CC)	CC/CV
Green	--	DC24V	10	550	55	50	17(CC)	CC/CV
Blue	--	DC24V	10	110	11	50	17(CC)	CC/CV
Yellow	--	DC24V	10	240	24	50	18(CC)	CC/CV
Pink	--	DC24V	10	225	22.5	50	17(CC)	CC/CV

Note: -The running length is base on Constant Current 24Vdc LED Strip.
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 10M.

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	275	55	50	5	CV
W	≥90	DC24V	5	295	59	50	5	CV
W+WW	≥90	DC24V	10	570	57	50	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	56.1	17	62.5	5	CV
G	--	DC24V	3.3	181.5	55	62.5	5	CV
B	--	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	--	DC24V	10	270	27	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	32.5	13	62.5	5	CV
G	--	DC24V	2.5	135	54	62.5	5	CV
B	--	DC24V	2.5	31.25	12.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	70	28	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
RGBW	--	DC24V	10	340	34	62.5	5	CV
R	--	DC24V	2.5	32.5	13	62.5	5	CV
G	--	DC24V	2.5	135	54	62.5	5	CV
B	--	DC24V	2.5	31.25	12.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	158.75	63.5	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
RGBW	--	DC24V	10	360	36	62.5	5	CV
R	--	DC24V	2.5	32.5	13	62.5	5	CV
G	--	DC24V	2.5	135	54	62.5	5	CV
B	--	DC24V	2.5	31.25	12.5	62.5	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV

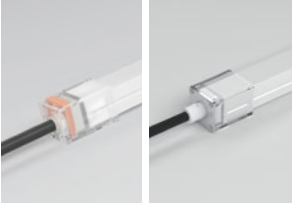
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
RGBW	--	DC24V	10	370	37	62.5	5	CV
R	--	DC24V	2.5	32.5	13	62.5	5	CV
G	--	DC24V	2.5	135	54	62.5	5	CV
B	--	DC24V	2.5	31.25	12.5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	140	56	62.5	5	CV
RGBW	--	DC24V	10	330	33	62.5	5	CV

Cable Entry

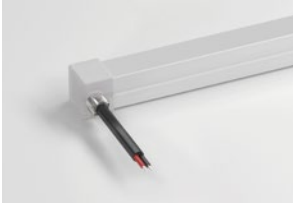
Integral End Cap



Solder Free End Cap



Silicone end cap



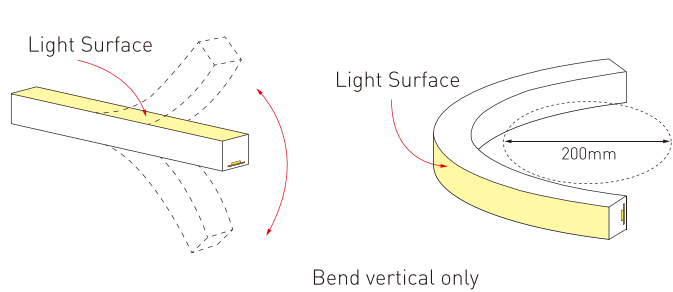
Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

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.

Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;

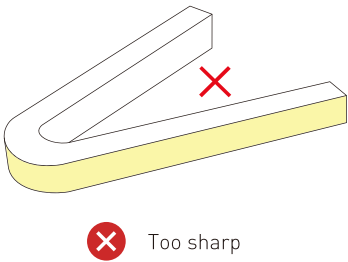


Light Surface

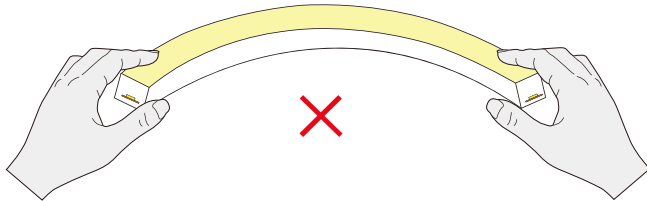
Light Surface

200mm

Bend vertical only



Too sharp

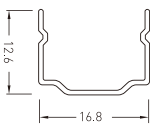
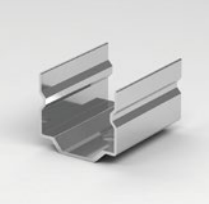


Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

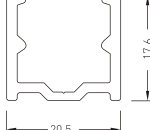
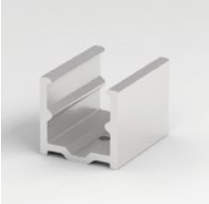
Accessories

Mounting Clips



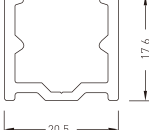
Dimension:
20x12.6x16.8mm

Aluminium Mounting clips



Dimension:
20x20.5x17.6

Aluminium Profile



Dimension:
1000x20.5x17.6



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector
2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: White



Anti-rain connector



Silicone closed end cap
Dimension: 13x18.5x17.5mm
Color: Semi-Transparent



PC closed end cap
Dimension: 27.9x20.4x19.4mm
Material: stainless steel
Color: Transparent



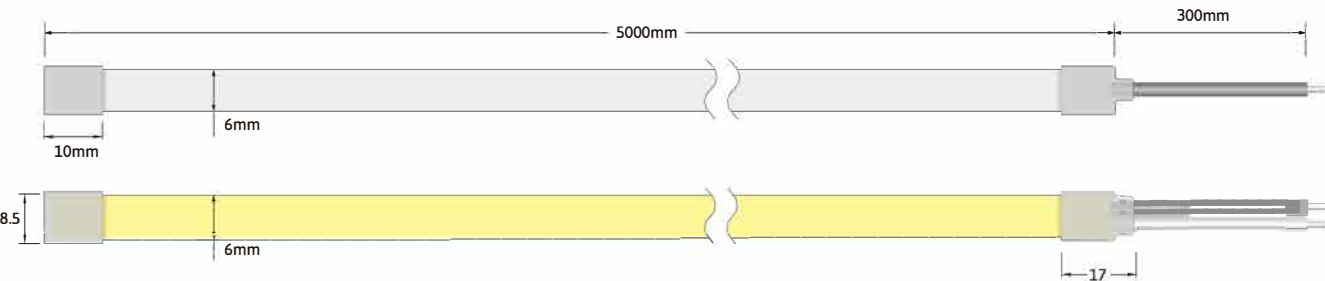
Scissor
Material: stainless steel

N0606

IP67 FLEX LEDNEON N0606, Top bend, DC24V. Cross section size 6mm x 6mm(W x H), which is vertical bending with diameter of 50mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



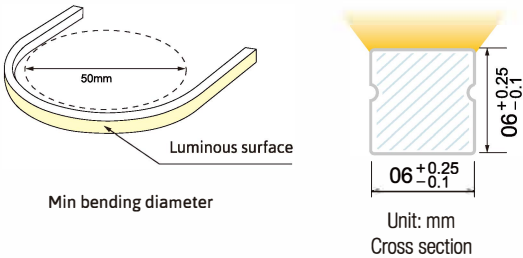
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	6W
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{min} = -25℃, T _{max} (Table below)

LEDNEON 0606	Low Output
Power(W/m)	6W
Max. Ambient tempt.(T _a max)	55℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1700K +200 -100	≥90	DC24V	6	235.2	39.2	25	5	CV
2200K +200 -100	≥90	DC24V	6	325.2	54.2	25	5	CV
2400K +200 -200	≥90	DC24V	6	330	55	25	5	CV
2600K +200 -200	≥90	DC24V	6	337.2	56.2	25	5	CV
2800K +200 -200	≥90	DC24V	6	345	57.5	25	5	CV
3200K +300 -200	≥90	DC24V	6	348	58	25	5	CV
3800K +400 -300	≥90	DC24V	6	358.2	59.7	25	5	CV
4400K +400 -400	≥90	DC24V	6	352.8	58.8	25	5	CV
5600K +400 -400	≥90	DC24V	6	379.2	63.2	25	5	CV

Cable Entry

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



Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Integral End Cap



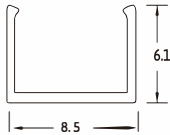
Front Cable Entry
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips



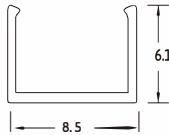
Dimension:
15x8.5x6.1mm (L x W x H)



Aluminium Profile



Dimension:
1000x8.5x7.2mm (L x W x H)



2 PIN grey/white wire



Silicone closed end cap
Dimension: 10x8.5x8.5mm (LxWxH)
Color: Semi-Transparent



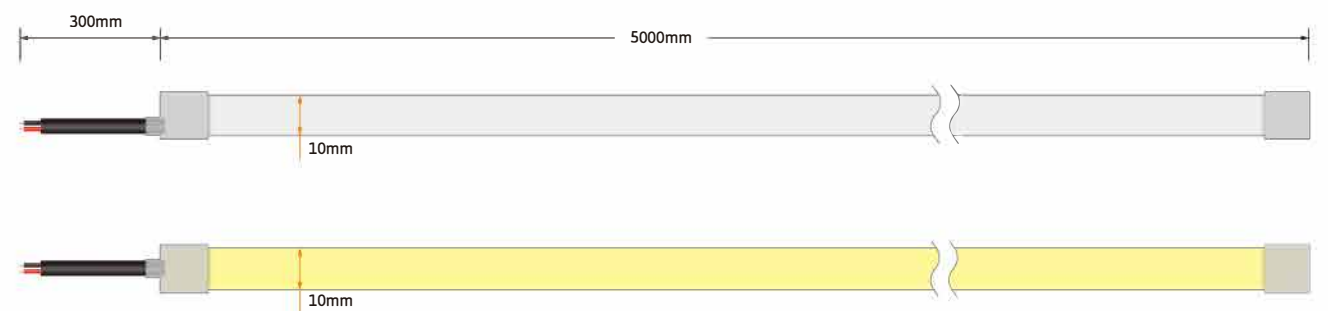
Scissor
Material: stainless steel

N1010

IP67 FLEX LEDNEON N1010, Top Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



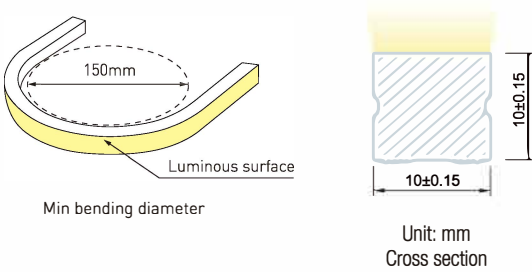
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _a min=-25℃, T _a max (Table below)

LEDNEON 1212	Low Output	STD output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _a max)	55℃	45℃

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K±150	≥90	DC24V	10	710	71	50	13(CC)	CC/CV
2700K±150	≥90	DC24V	10	780	78	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	740	74	50	13(CC)	CC/CV
3500K±200	≥90	DC24V	10	730	73	50	13(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	840	84	50	13(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	870	87	50	13(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	860	86	50	13(CC)	CC/CV
Red	--	DC24V	10	300	30	50	17(CC)	CC/CV
Green	--	DC24V	10	650	65	50	13(CC)	CC/CV
Blue	--	DC24V	10	168	16.8	50	13(CC)	CC/CV
Yellow	--	DC24V	10	340	34	50	17(CC)	CC/CV
Pink	--	DC24V	10	560	56	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	285	77	50	5	CV
W	≥90	DC24V	5	410	82	50	5	CV
W+WW	≥90	DC24V	10	800	80	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	68.6	20.8	50	5	CV
G	--	DC24V	3.3	234	70.9	50	5	CV
B	--	DC24V	3.3	44.9	13.6	50	5	CV
RGB	--	DC24V	10	362	36.2	50	5	CV

Cable Entry

Silicone end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

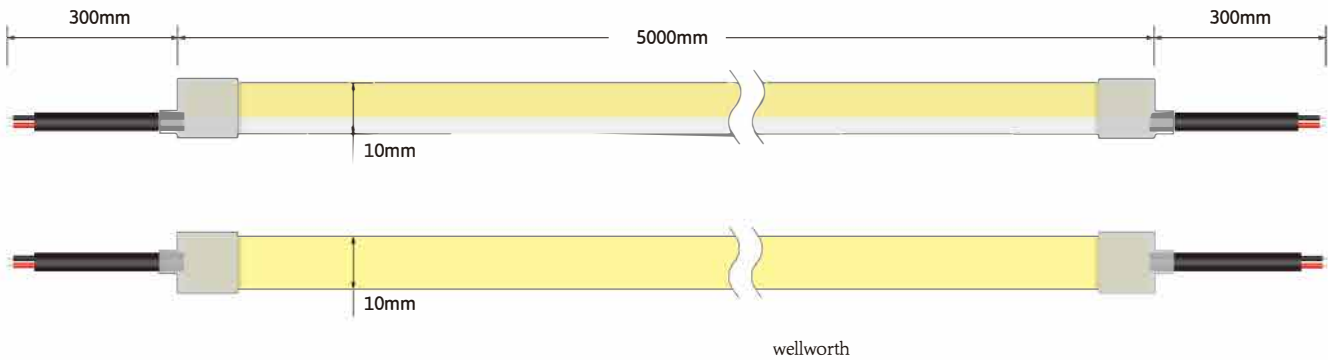
N1010-Three Sided Light

"IP67 Three sided FLEX LEDNEON N1010, Top Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 100mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant.

Dot free will bring the most excellent performance for indoor & outdoor applications."



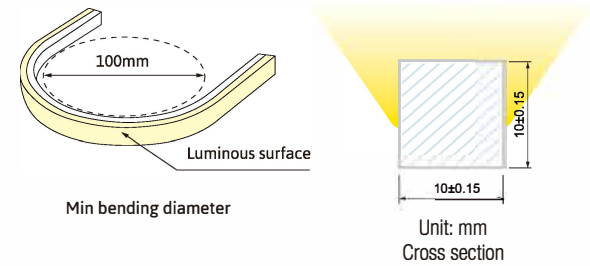
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{min} = -25℃, T _{max} (Table below)

LEDNEON 1010	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{max})	55℃	45℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color PARAMETER



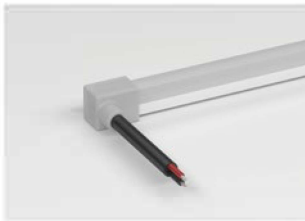
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	645	64.5	35.7	5	CV
2400K±150	≥90	DC24V	10	685	68.5	35.7	5	CV
2700K±150	≥90	DC24V	10	740	74	35.7	5	CV
3000K±150	≥90	DC24V	10	790	79	35.7	5	CV
3500K±200	≥90	DC24V	10	720	72	35.7	5	CV
4000K ^{+400 -200}	≥90	DC24V	10	830	83	35.7	5	CV
5000K ^{+500 -300}	≥90	DC24V	10	830	83	35.7	5	CV
6500K ^{+200 -600}	≥90	DC24V	10	810	81	35.7	5	CV
Red	--	DC24V	10	330	33	35.7	5	CV
Green	--	DC24V	10	920	92	35.7	5	CV
Blue	--	DC24V	10	175	17.5	35.7	5	CV
Yellow	--	DC24V	10	300	30	35.7	5	CV
Pink	--	DC24V	10	350	35	35.7	5	CV

Cable Entry

Silicone end cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

Integral End Cap (IP44)



Front Cable Entry

Accessories

Stainless Steel Mounting clip



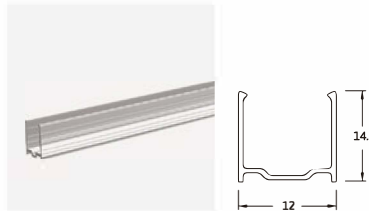
Dimension:
12x11.6x7.6mm(L x W x H)

Aluminium Profile



Dimension:
1000x12.4x13mm(L x W x H)

transparent plastic groove



Dimension:
1000x12x14.3mm(L x W x H)



PVC Cable
2PIN
Color: Black



Silicone closed end cap
Dimension: 12x12mm (WxH)
Color: Semi-Transparent



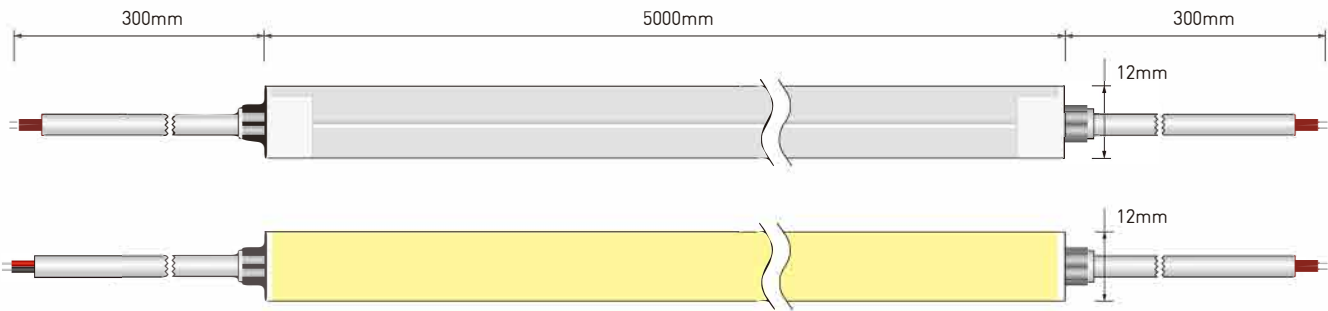
Scissor
Material: stainless steel

N1212

IP67 FLEX LEDNEON N1212, Top Bend, DC24V. Cross section size 12mm x 12mm(W x H), which is vertical bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



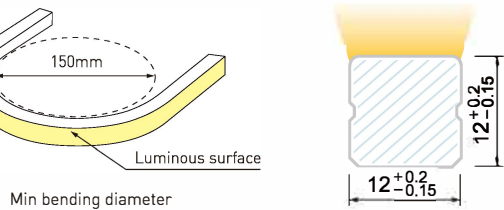
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{amin} = -25℃, T _{amax} (Table below)

LEDNEON 1212	Low Output	STD output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{amax})	55℃	45℃

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.





Voltage
24v DC



UV
Protection



Consistency
One Bin



Length
5M



Waterproof Grade
IP 67



Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	560	56	50	13 (CC)	CC/CV
2400K±150	≥90	DC24V	10	560	56	50	13 (CC)	CC/CV
2700K±150	≥90	DC24V	10	670	67	50	13 (CC)	CC/CV
3000K±150	≥90	DC24V	10	640	64	50	13 (CC)	CC/CV
3500K±200	≥90	DC24V	10	660	66	50	13 (CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	680	68	50	13 (CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	680	68	50	13 (CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	670	67	50	13 (CC)	CC/CV
Red	--	DC24V	10	280	28	50	17 (CC)	CC/CV
Green	--	DC24V	10	700	70	50	13 (CC)	CC/CV
Blue	--	DC24V	10	130	13	50	13 (CC)	CC/CV
Yellow	--	DC24V	10	260	26	50	17 (CC)	CC/CV
Pink	--	DC24V	10	280	28	50	13 (CC)	CC/CV

Note: -The running length is base on Constant Current 24Vdc LED Strip.
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 8.4M.

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	315	63	50	5	CV
W	≥90	DC24V	5	335	67	50	5	CV
W+WW	≥90	DC24V	10	650	65	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	69.3	21	62.5	5	CV
G	--	DC24V	3.3	214.5	65	62.5	5	CV
B	--	DC24V	3.3	39.6	12	62.5	5	CV
RGB	--	DC24V	10	290	29	62.5	5	CV

Cable Entry

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

Integral End Cap



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



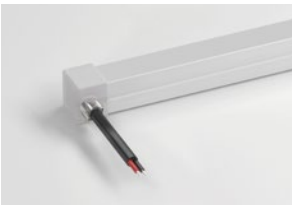
Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.



Solder Free End Cap

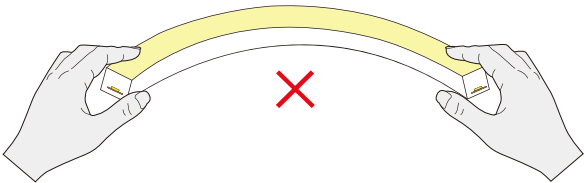
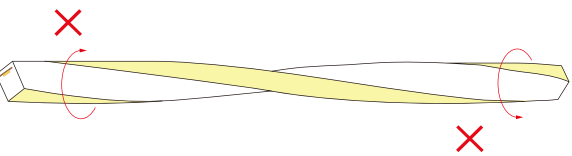
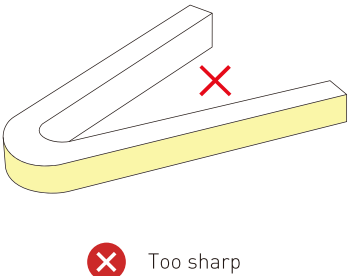
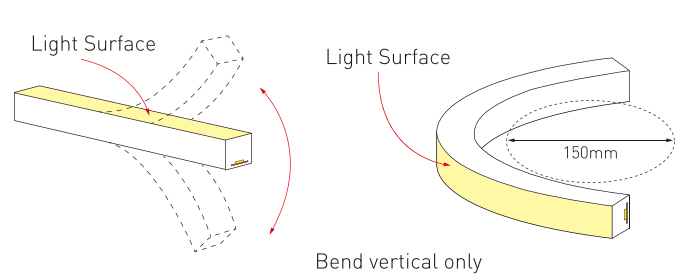


Silicone end cap



Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;

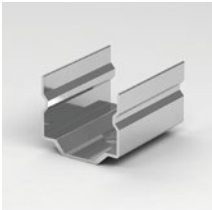


❌ Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

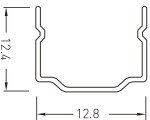
❌ Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

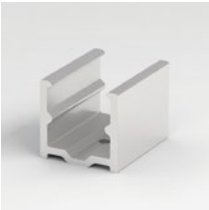
Stainless Steel Mounting clips



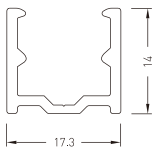
Dimension:
20x12.8x12.4mm



Aluminium Mounting clips



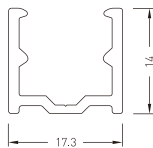
Dimension:
20x17.3x14



Aluminium Profile



Dimension:
1000x17.3x14



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



IP67 Connector 4PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone Cable
2PIN, 3PIN, 4PIN
Color: White



Anti-rain connector



Silicone closed end cap
Dimension: 13x14.5x14.5mm
Color: Semi-Transparent



PC closed end cap
Dimension: 26.5x17x16mm
Material: stainless steel
Color: Transparent



Scissor
Material: stainless steel

IP67, Large Luminous Surface Light (Top Bend)

N2016 N3020 N5025

- IP67, Large luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

2700 K

3000 K

3500 K

4000 K

5000 K

TW

R

G

B

Pink

Amber

RGB

RGBW



IIP67 NEON STRIP

ND16

- 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;

2700 K

3000 K

3500 K

4000 K

5000 K

R

G

B

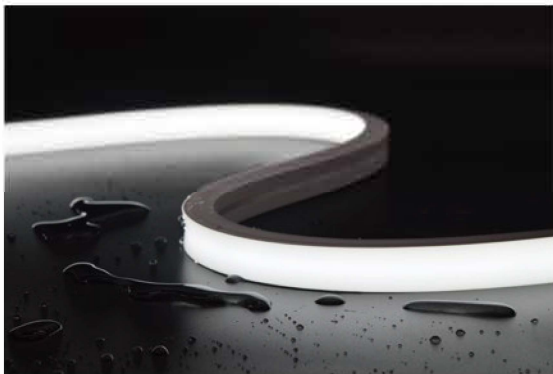
Pink

Amber

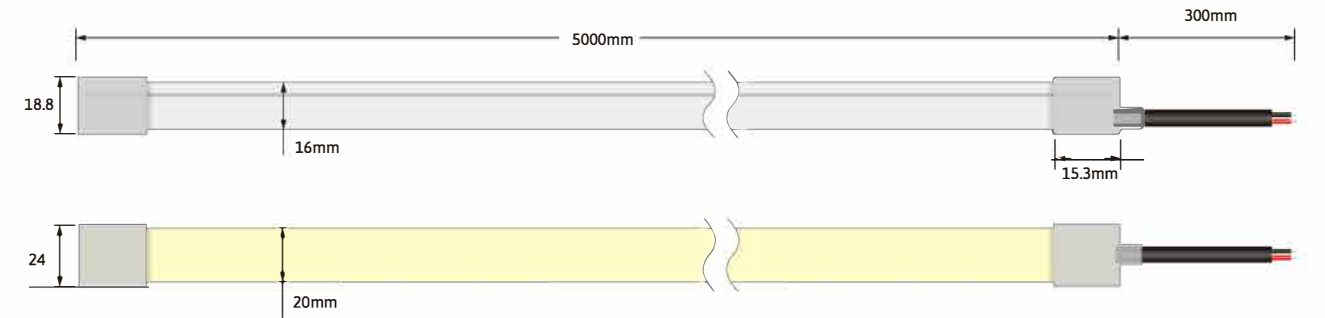


N2016

IP67 FLEX LEDNEON N2016, Top bend, DC24V. Cross section size 20mm x 16mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



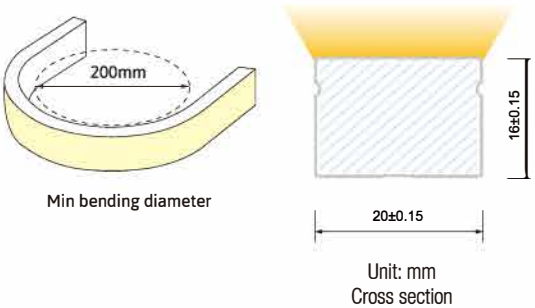
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{min} = -25℃, T _{max} (Table below)

LEDNEON 2016	Low Output	Std Output	High Output
Power(W/m)	5w	10w	15w
Max. Ambient tempt.(T _{max})	55℃	45℃	35℃

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	495	49.5	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	525	52.5	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	590	59	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	555	55.5	50	17(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	630	63	50	17(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	625	62.5	50	17(CC)	CC/CV
Red	---	DC24V	10	290	29	50	18(CC)	CC/CV
Green	---	DC24V	10	610	61	50	17(CC)	CC/CV
Blue	---	DC24V	10	135	13.5	50	17(CC)	CC/CV
Yellow	---	DC24V	10	280	28	50	18(CC)	CC/CV
Pink	---	DC24V	10	260	26	50	17(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	312.5	62.5	50	5	CV
W	≥90	DC24V	5	327.5	65.5	50	5	CV
W+WW	≥90	DC24V	10	635	63.5	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	---	DC24V	3.3	67.98	20.6	62.5	5	CV
G	---	DC24V	3.3	176.55	53.5	62.5	5	CV
B	---	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	---	DC24V	10	280	28	62.5	5	CV

RGBW

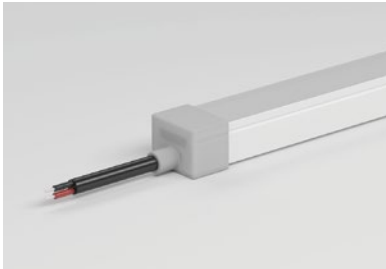
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	---	DC24V	2.5	47.5	19	62.5	5	CV
G	---	DC24V	2.5	156.25	62.5	62.5	5	CV
B	---	DC24V	2.5	38.75	15.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	168.75	67.5	62.5	5	CV
	---	DC24V	10	390	39	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	---	DC24V	2.5	47.5	19	62.5	5	CV
G	---	DC24V	2.5	156.25	62.5	62.5	5	CV
B	---	DC24V	2.5	38.75	15.5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	170	68	62.5	5	CV
RGBW	---	DC24V	10	380	38	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	---	DC24V	2.5	47.5	19	62.5	5	CV
G	---	DC24V	2.5	156.25	62.5	62.5	5	CV
B	---	DC24V	2.5	38.75	15.5	62.5	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	2.5	176.25	70.5	62.5	5	CV
RGBW	---	DC24V	10	370	37	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	---	DC24V	2.5	47.5	19	62.5	5	CV
G	---	DC24V	2.5	156.25	62.5	62.5	5	CV
B	---	DC24V	2.5	38.75	15.5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	172	68.8	62.5	5	CV
RGBW	---	DC24V	10	370	37	62.5	5	CV

Cable Entry

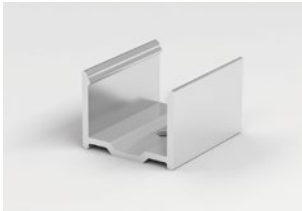
Silicone end cap



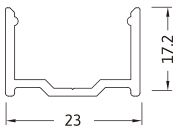
Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting Clip



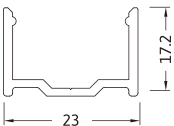
Dimension:
20x23x17.2mm(L x W x H)



Aluminium Profile



Dimension:
1000x23x17.2mm(L x W x H)



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



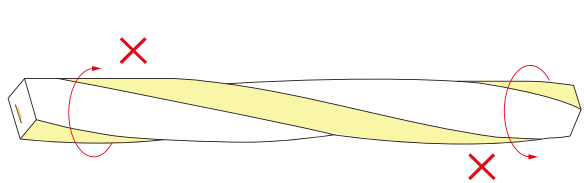
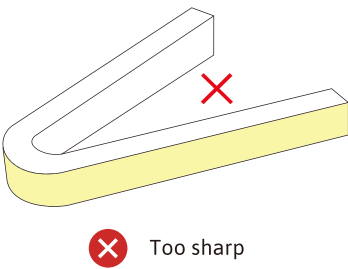
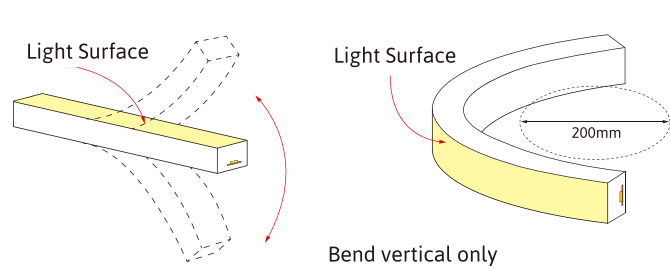
Silicone closed end cap
Dimension: 15.3x24x18.8mm
Color: Semi-Transparent



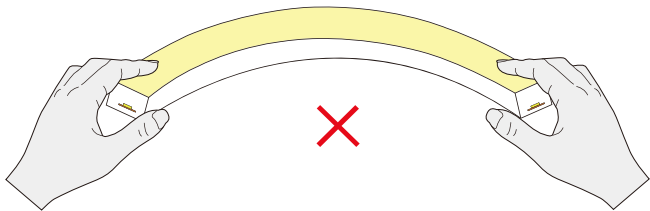
Scissor
Material: stainless steel

Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;



Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



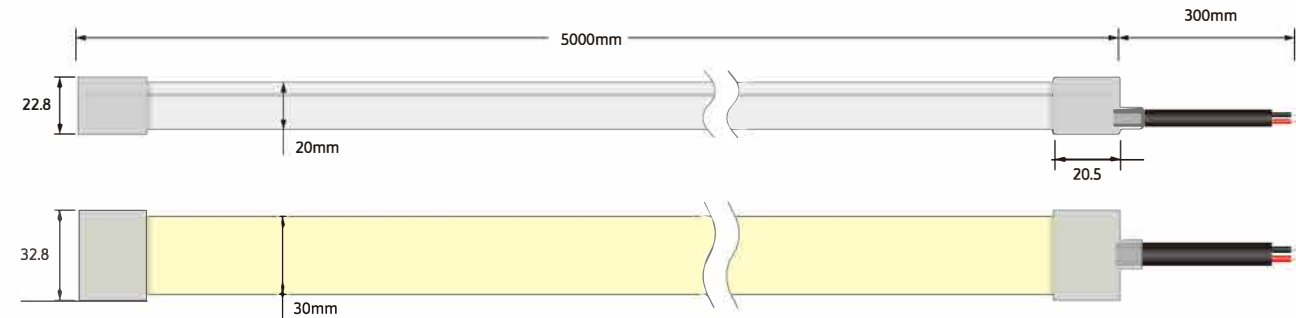
Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

N3020

IP67 FLEX LEDNEON N3020, Top bend, DC24V. Cross section size 30mm x 20mm(W x H), which is vertical bending with diameter of 300mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



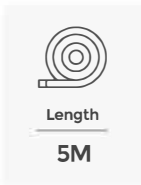
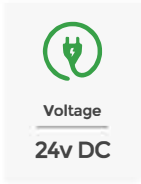
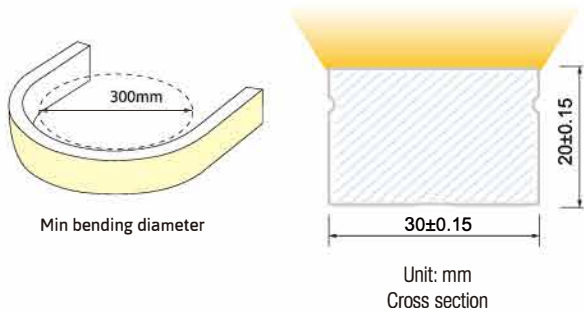
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25℃ -60℃
Ambient Temperature	T _{min} = -25℃, T _{max} (Table below)

LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(T _a _{max})	55℃	45℃	35℃

- Note :
- When ambient temperature reaches 55℃, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	20	1020	51	50	9(CC)	CC/CV
2400K±150	≥90	DC24V	20	1040	52	50	9(CC)	CC/CV
2700K±150	≥90	DC24V	20	1210	60.5	50	9(CC)	CC/CV
3000K±150	≥90	DC24V	20	1220	61	50	9(CC)	CC/CV
3500K±200	≥90	DC24V	20	1130	56.5	50	9(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	20	1280	64	50	9(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	20	1300	65	50	9(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	20	1180	59	50	9(CC)	CC/CV
Red	--	DC24V	20	530	26.5	50	9(CC)	CC/CV
Green	--	DC24V	20	1240	62	50	9(CC)	CC/CV
Blue	--	DC24V	20	270	13.5	50	9(CC)	CC/CV
Yellow	--	DC24V	20	520	26	50	9(CC)	CC/CV
Pink	--	DC24V	20	520	26	50	9(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	10	610	61	41.66	5	CV
W	≥90	DC24V	10	650	65	41.66	5	CV
W+WW	≥90	DC24V	20	1230	61.5	41.66	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	6.66	133.2	20	41.66	5	CV
G	--	DC24V	6.66	342.99	51.5	41.66	5	CV
B	--	DC24V	6.66	69.93	10.5	41.66	5	CV
RGB	--	DC24V	20	540	27	41.66	5	CV

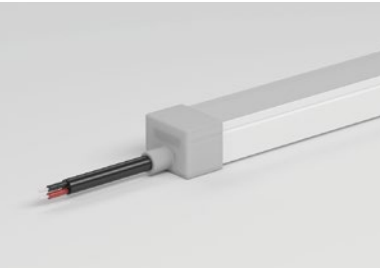
RGBW
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(2700K±200)	≥80	DC24V	5	305	61	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(3000K±200)	≥80	DC24V	5	302.5	60.5	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	5	320	64	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	95	19	41.66	5	CV
G	--	DC24V	5	262.5	52.5	41.66	5	CV
B	--	DC24V	5	70	14	41.66	5	CV
W(6500K±500)	≥80	DC24V	5	313	62.6	41.66	5	CV
RGBW	--	DC24V	20	720	36	41.66	5	CV

Cable Entry

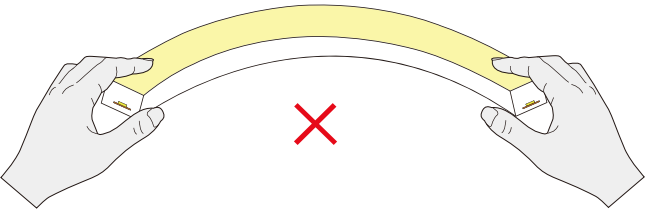
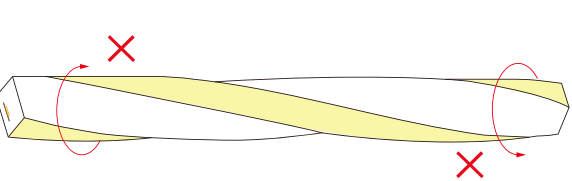
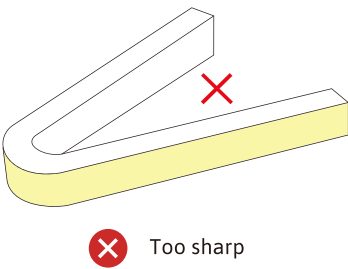
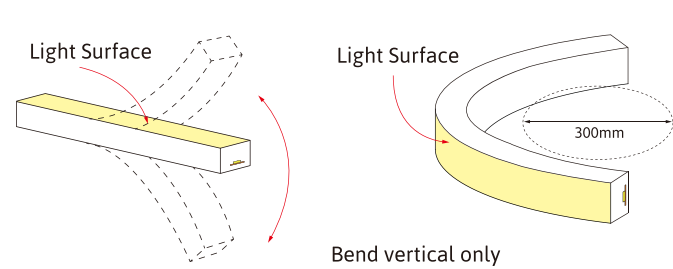
Silicone end cap



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

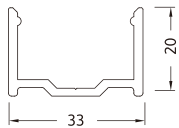
Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;



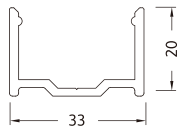
Accessories

Aluminium Mounting clips



Dimension:
20x33x20mm(L x W x H)

Aluminium Profile



Dimension:
1000x33x20mm(L x W x H)



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone closed end cap
Dimension: 20.5x32.8x22.8mm
Material: silicone
Color: Semi-Transparent



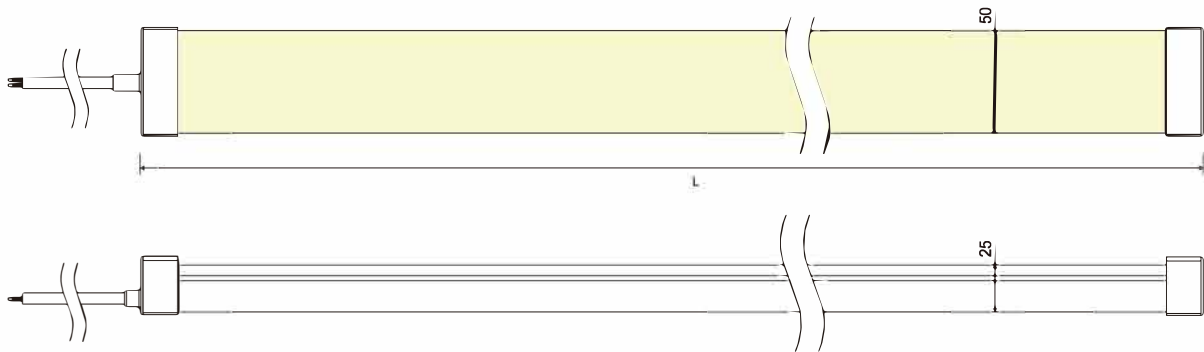
Scissor
Material: stainless steel

N5025

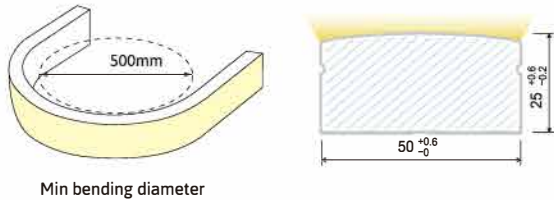
IP67 FLEX LEDNEON N5025, Top bend, DC24V. Cross section size 50mm x 25mm(W x H), which is vertical bending with diameter of 500mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{min} = -25℃, T _{max} (Table below)



LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(T _{max})	55℃	45℃	35℃

- Note :
- When ambient temperature reaches 55℃, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	15	792	52.8	50	12 (CC)	CC/CV
3000K±150	≥90	DC24V	15	808	53.9	50	12 (CC)	CC/CV
4000K±300	≥90	DC24V	15	869	57.9	50	12 (CC)	CC/CV
6000K±500	≥90	DC24V	15	826	55.1	50	12 (CC)	CC/CV
Red	--	DC24V	15	365	24.4	50	12 (CC)	CC/CV
Green	--	DC24V	15	974	65.0	50	12 (CC)	CC/CV
Blue	--	DC24V	15	216	14.4	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	292	19.5	50	12 (CC)	CC/CV
Orange	--	DC24V	15	370	24.7	50	12 (CC)	CC/CV
Pink	--	DC24V	15	762	50.8	50	12 (CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	7.5	390	52.1	41.7	5	CV
6000K±500	≥90	DC24V	7.5	402	53.6	41.7	5	CV
4000K±300	≥90	DC24V	15	794	53.0	41.7	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	85	17.1	41.7	5	CV
G	--	DC24V	5	330	66.0	41.7	5	CV
B	--	DC24V	5	61	12.2	41.7	5	CV
RGB	--	DC24V	15	516	34.4	41.7	5	CV

RGBW

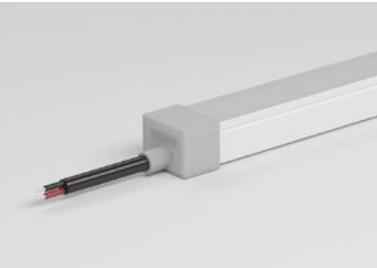
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	64	17.1	41.7	5	CV
G	--	DC24V	3.75	187	49.9	41.7	5	CV
B	--	DC24V	3.75	51	13.5	41.7	5	CV
W(2200-2600K)	≥80	DC24V	3.75	205	54.7	41.7	5	CV
RGBW	--	DC24V	15	512	34.1	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	65	17.2	41.7	5	CV
G	--	DC24V	3.75	188	50.2	41.7	5	CV
B	--	DC24V	3.75	52	13.8	41.7	5	CV
3000K ⁺³⁰⁰ ₋₀	≥80	DC24V	3.75	199	52.9	41.7	5	CV
RGBW	--	DC24V	15	506	33.7	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	66	17.6	41.7	5	CV
G	--	DC24V	3.75	189	50.4	41.7	5	CV
B	--	DC24V	3.75	54	14.4	41.7	5	CV
4000 ⁺²⁰⁰ ₋₄₀₀	≥80	DC24V	3.75	210	56.0	41.7	5	CV
RGBW	--	DC24V	15	524	35.0	41.7	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	65	17.4	41.7	5	CV
G	--	DC24V	3.75	191	51.0	41.7	5	CV
B	--	DC24V	3.75	54	14.3	41.7	5	CV
5500±500	≥80	DC24V	3.75	215	57.5	41.7	5	CV
RGBW	--	DC24V	15	528	35.2	41.7	5	CV

Cable Entry

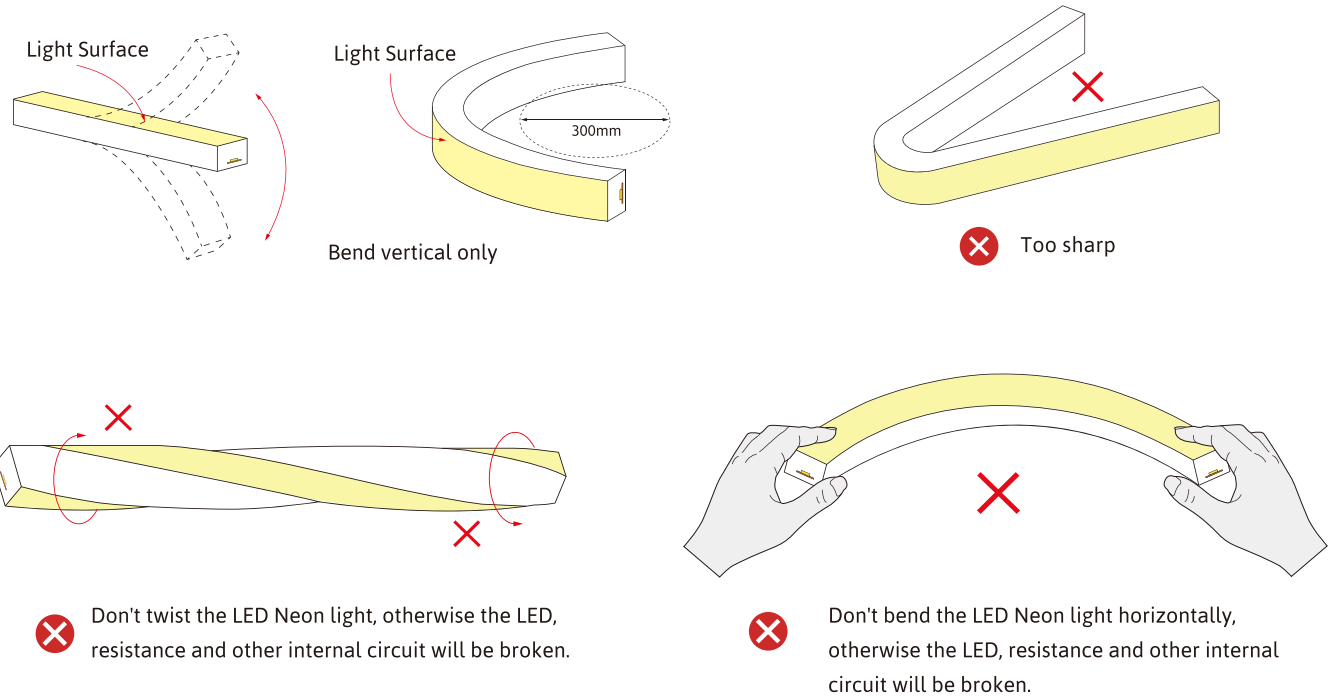
Silicone end cap



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

Operation Guidance

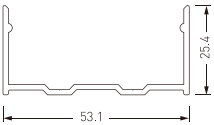
The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;



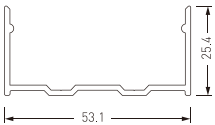
Accessories



Aluminium Mounting clips
20x53.1x25.4mm(L x W x H)
Accessories:
Screw M3X16mm



Aluminium Profile
1000(±5)x53.1x25.4mm(L x W x H)
Accessories:
Screw M3X16mm



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black



Silicone closed end cap
Dimension: 26x53.2x28.8mm
Material: silicone
Color: Semi-Transparent



Scissor
Material: stainless steel

ND16

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.

Unique optical light distribution structure design, uniform lighting surface and no shadow.

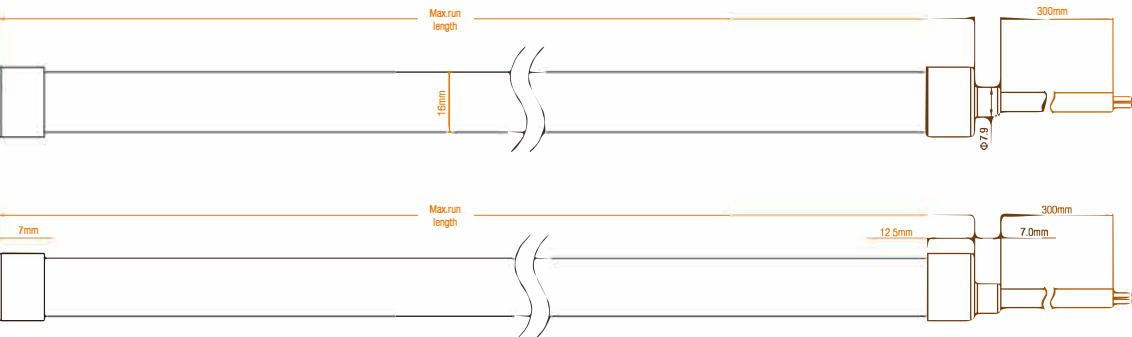
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV

Excellent toughness, simple and stylish appearance, delicate and unique

3 years warranty, working life ≥30000 hours;

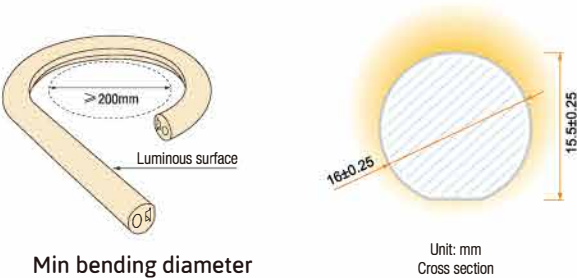


Dimension structure



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃~ 60℃
Ambient Temperature	Min.-25℃, Max (Table below)
CRI	≥90

Power(w/m)	5 w/m	10 w/m
Efficacy(lm/w)@4000K	73lm/w	70.7lm/w
Max Ambient Temperature	50℃	45℃



- Note:
- When ambient temperature reaches 50℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	560	56	50	13(CC)	CC/CV
2400K±150	≥90	DC24V	10	590	59	50	13(CC)	CC/CV
2700K±150	≥90	DC24V	10	660	66	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	650	65	50	13(CC)	CC/CV
3500K±200	≥90	DC24V	10	630	63	50	13(CC)	CC/CV
4000K +400 -200	≥90	DC24V	10	700	70	50	13(CC)	CC/CV
5000K +500 -300	≥90	DC24V	10	730	73	50	13(CC)	CC/CV
6500K +200 -600	≥90	DC24V	10	730	73	50	13(CC)	CC/CV
Red	--	DC24V	10	310	31	50	17(CC)	CC/CV
Green	--	DC24V	10	780	78	50	13(CC)	CC/CV
Blue	--	DC24V	10	160	16	50	13(CC)	CC/CV
Yellow	--	DC24V	10	240	24	50	17(CC)	CC/CV
Pink	--	DC24V	10	330	33	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	365	73	50	5	CV
W	≥90	DC24V	5	375	75	50	5	CV
W+WW	≥90	DC24V	10	730	73	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	75.9	23	50	5	CV
G	--	DC24V	3.3	231	70	50	5	CV
B	--	DC24V	3.3	46.2	14	50	5	CV
RGB	--	DC24V	10	350	35	50	5	CV

Mounting Way



Transparent mounting clips
20x16.6x15.3mm(L x W x H)



Transparent mounting clips
20x16.6x15.3mm(L x W x H)

IP67, Side Bend Series

N1220 | N0408 | N0612 | N0817 |
N1010

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV
- Systematized solution of installation.



IP67, Side Bend Series

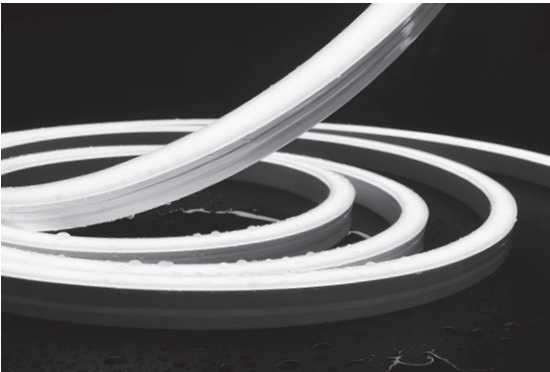
N1018 | N1023 | N1225 | N2020 |
N3032

- IP67 protection level, Three Sided luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

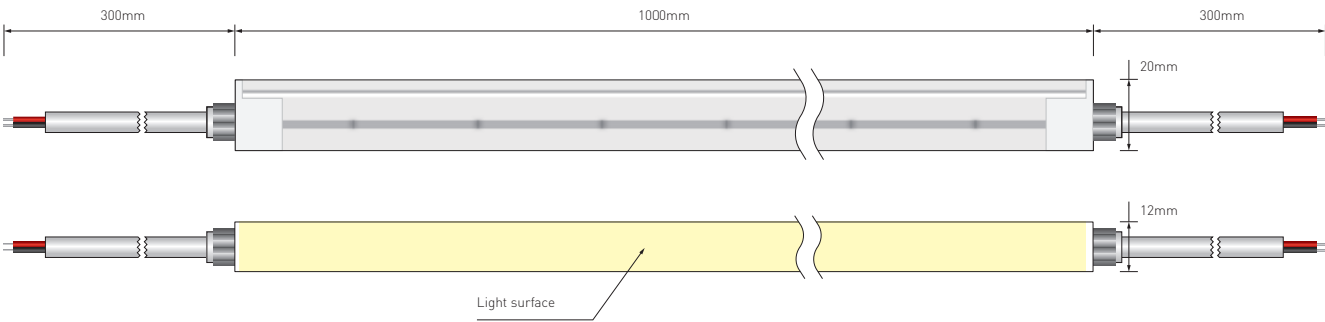


N1220

IP67 FLEX LEDNEON N1220, Side bend, DC24V. Cross section size 12mm x 20mm(W x H), which is horizontal bending with radius of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



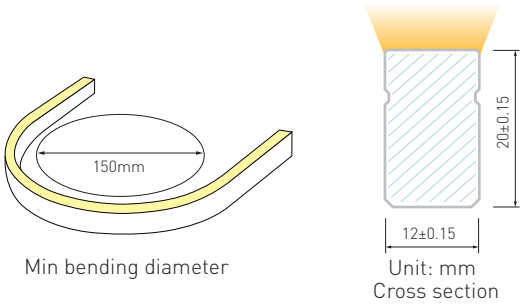
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON 1220	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _{max})	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	260	26	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	295	29.5	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	305	30.5	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	310	31	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	345	34.5	50	17(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	340	34	50	17(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	330	33	50	17(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	330	33	50	17(CC)	CC/CV
Red	--	DC24V	10	155	15.5	50	18(CC)	CC/CV
Green	--	DC24V	10	373	37.3	50	17(CC)	CC/CV
Blue	--	DC24V	10	70	7	50	17(CC)	CC/CV
Yellow	--	DC24V	10	155	15.5	50	18(CC)	CC/CV
Pink	--	DC24V	10	150	15	50	17(CC)	CC/CV

Note: -The running length is base on Constant Current 24Vdc LED Strip.
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 10M.

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	172.5	34.5	50	5	CV
W	≥90	DC24V	5	185	37	50	5	CV
W+WW	≥90	DC24V	10	354	35.4	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	36.3	11	62.5	5	CV
G	--	DC24V	3.3	107.3	32.5	62.5	5	CV
B	--	DC24V	3.3	23.1	7	62.5	5	CV
RGB	--	DC24V	10	160.0	16	62.5	5	CV

RGBW
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	22.5	9	62.5	5	CV
G	--	DC24V	2.5	80	32	62.5	5	CV
B	--	DC24V	2.5	20	8	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	86.25	34.5	62.5	5	CV
RGBW	--	DC24V	10	200	20	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	22.5	9	62.5	5	CV
G	--	DC24V	2.5	80	32	62.5	5	CV
B	--	DC24V	2.5	20	8	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	93.75	37.5	62.5	5	CV
RGBW	--	DC24V	10	220	22	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	32.5	9	62.5	5	CV
G	--	DC24V	2.5	135	32	62.5	5	CV
B	--	DC24V	2.5	31.25	8	62.5	5	CV
WW(4000K ^{+500 -200})	≥80	DC24V	2.5	168.75	40.5	62.5	5	CV
RGBW	--	DC24V	10	370	22	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	32.5	9	62.5	5	CV
G	--	DC24V	2.5	135	32	62.5	5	CV
B	--	DC24V	2.5	31.25	8	62.5	5	CV
WW(6500K±500)	≥80	DC24V	2.5	140	37	62.5	5	CV
RGBW	--	DC24V	10	330	21	62.5	5	CV

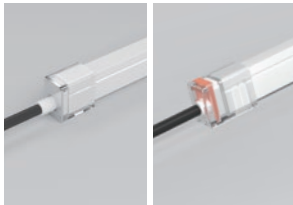
Cable Entry

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

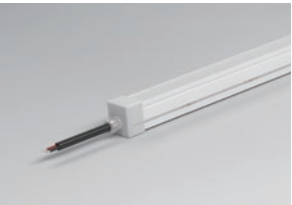
Integral end cap



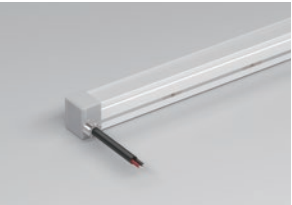
Solder Free End Cap



Silicone end cap



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

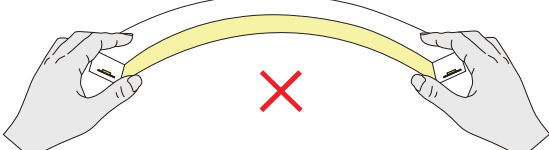
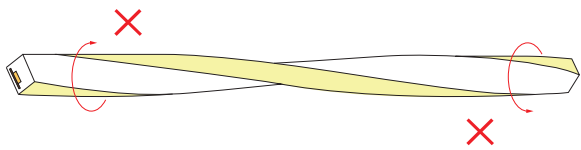
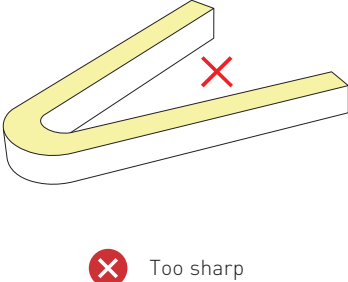
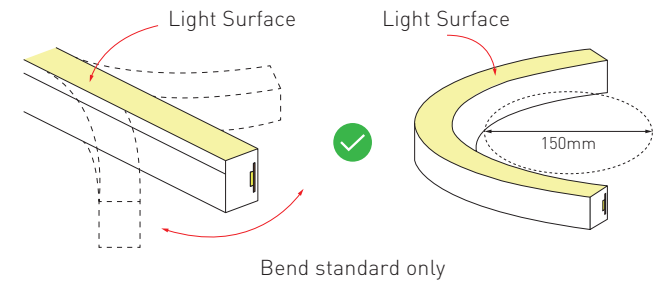


Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.



Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;

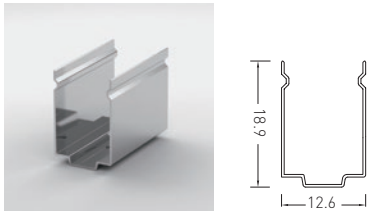


Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

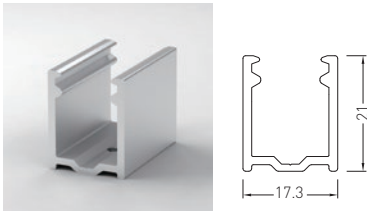
Accessories

Stainless Steel Mounting Clip



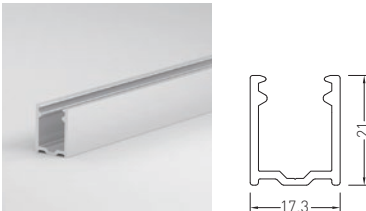
Dimension:
20x12.6x18.9mm(L x W x H)

Aluminium Mounting clip



Dimension:
20x17.3x21mm(L x W x H)

Aluminium Profile



Dimension:
1000x17.3x21mm(L x W x H)



PVC Cable
2PIN, 3PIN, 4PIN
Compatible: Combined end cap
Silicone end cap



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN
Compatible: Integral end cap



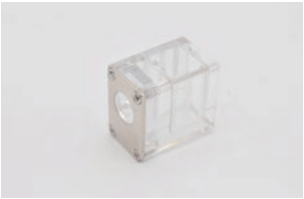
Anti-rain connector
Compatible: Integral end cap



Scissor



Silicone closed end cap
Dimension: 13x14.5x22.5mm
Compatible: Silicone end cap



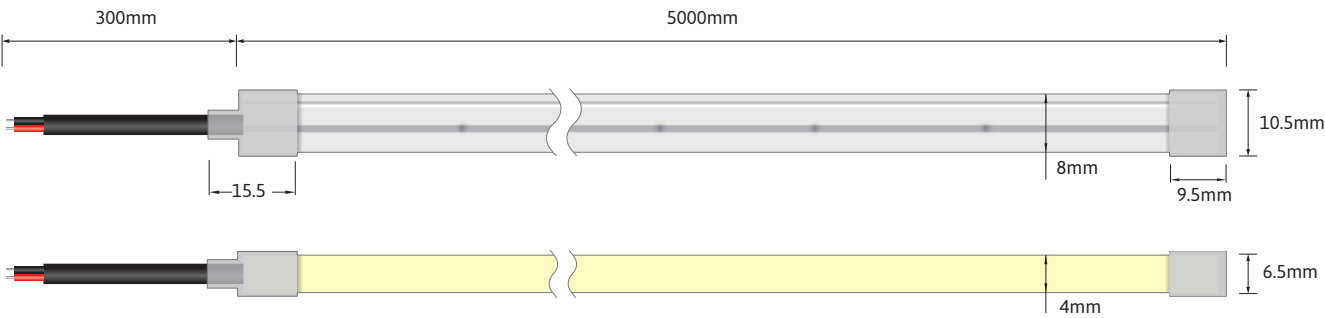
PC closed end cap
Dimension: 26.5x17x24.2mm
Material: stainless steel
Color: Transparent

N0408

IP65 FLEX LEDNEON N0408, Side bend, DC24V. Cross section size 4mm x 8mm(W x H), which is horizontal bending with diameter of 30mm. It is IP65 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



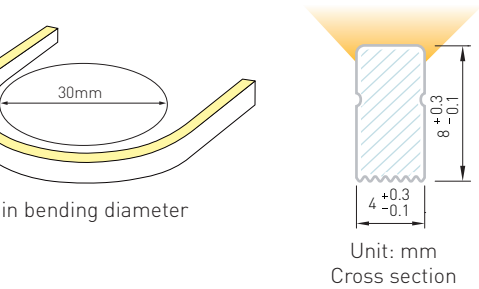
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	6W
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON 0408	Low Output
Power(W/m)	6W
Max. Ambient tempt.(T _{max})	55 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 65

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K ⁺²⁰⁰ / ₋₁₀₀	≥ 90	DC24V	6	199.2	33.2	25	5	CV
2400K ⁺²⁰⁰ / ₋₁₀₀	≥ 90	DC24V	6	211.8	35.3	25	5	CV
2600K ⁺²⁰⁰ / ₋₂₀₀	≥ 90	DC24V	6	219	36.5	25	5	CV
3000K ⁺³⁰⁰ / ₋₂₀₀	≥ 90	DC24V	6	253.2	42.2	25	5	CV
3500K ⁺⁴⁰⁰ / ₋₃₀₀	≥ 90	DC24V	6	223.2	37.2	25	5	CV
4200K ⁺⁴⁰⁰ / ₋₃₀₀	≥ 90	DC24V	6	214.2	35.7	25	5	CV
5300K ⁺⁴⁰⁰ / ₋₃₀₀	≥ 90	DC24V	6	220.8	36.8	25	5	CV

Cable Entry

Integral End Cap(IP44)



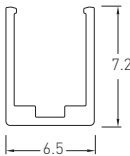
Silicone end cap(IP65)



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

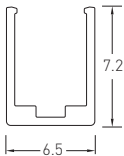
Accessories

Aluminium Mounting Clip



Dimension:
15x6.5x7.2mm(L x W x H)

Aluminium Profile



Dimension:
1000x6.5x7.2mm(L x W x H)



2 PIN grey/white wire



Silicone closed end cap
Dimension: 9.5x6.5x10.5mm (LxWxH)
Color: Semi-Transparent



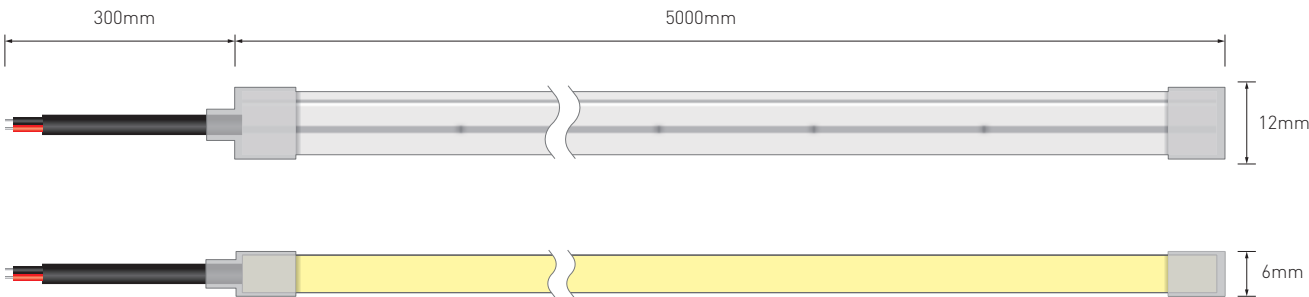
Scissor
Material: stainless steel

N0612

IP67 FLEX LEDNEON N0612, Side bend, DC24V. Cross section size 6mm x 12mm(W x H), which is horizontal bending with diameter of 50mm. It is IP67 protected, UV resistant, solvents resistant and salt-water resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



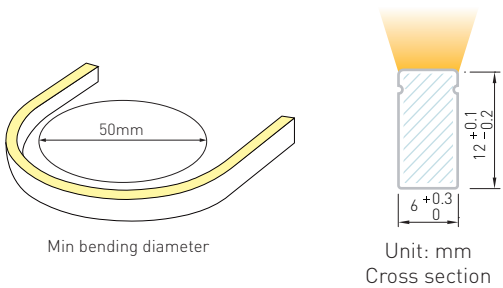
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C~60 C
Ambient Temperature	T _{amin} = -25 C, T _{amax} (Table below)

LEDNEON 0612	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{amax})	55 C	45 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥ 90	DC24V	10	250	25	50	13(CC)	CC/CV
2400K±150	≥ 90	DC24V	10	310	31	50	13(CC)	CC/CV
2700K±150	≥ 90	DC24V	10	350	35	50	13(CC)	CC/CV
3000K±150	≥ 90	DC24V	10	300	30	50	13(CC)	CC/CV
3500K±200	≥ 90	DC24V	10	330	33	50	13(CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥ 90	DC24V	10	360	36	50	13(CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥ 90	DC24V	10	360	36	50	13(CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥ 90	DC24V	10	360	36	50	13(CC)	CC/CV
Red	--	DC24V	10	160	16	50	17(CC)	CC/CV
Green	--	DC24V	10	400	40	50	13(CC)	CC/CV
Blue	--	DC24V	10	50	5	50	13(CC)	CC/CV
Yellow	--	DC24V	10	125	12.5	50	17(CC)	CC/CV
Pink	--	DC24V	10	145	14.5	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥ 90	DC24V	5	125	25	50	5	CV
W	≥ 90	DC24V	5	175	35	50	5	CV
W+WW	≥ 90	DC24V	10	270	27	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	23.1	7	50	5	CV
G	--	DC24V	3.3	52.8	16	50	5	CV
B	--	DC24V	3.3	11.55	3.5	50	5	CV
RGB	--	DC24V	10	130	13	50	5	CV

Cable Entry

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

Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Integral end cap (IP44)

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

Accessories

Stainless Steel Mounting clips

Dimension:
15x7.5x13mm(L x W x H)

Aluminium Mounting clips

Dimension:
20x8x13mm(L x W x H)

Aluminium Profile

Dimension:
1000x8x13mm(L x W x H)

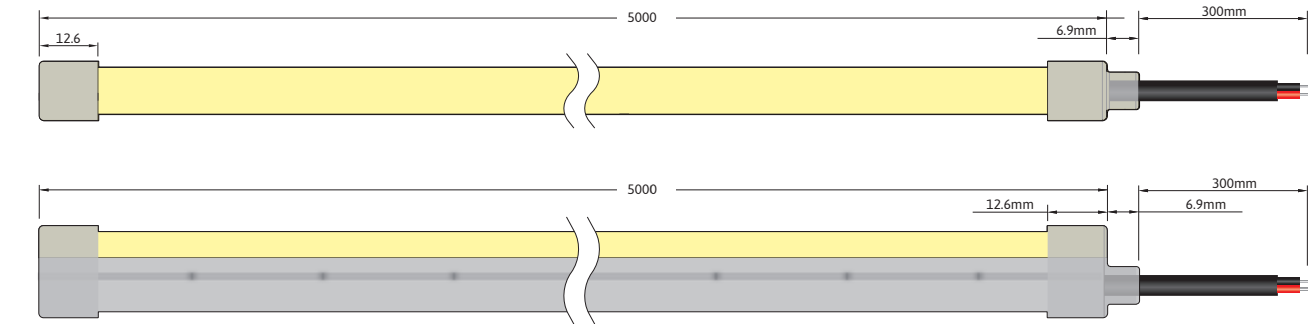
N0817

"IP67 FLEX LEDNEON N0817, Side Bend, DC24V. Cross section size 8mm x 17mm(W x H), which is horizontal bending with diameter of 100mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant.

Dot free will bring the most excellent performance for indoor & outdoor applications."



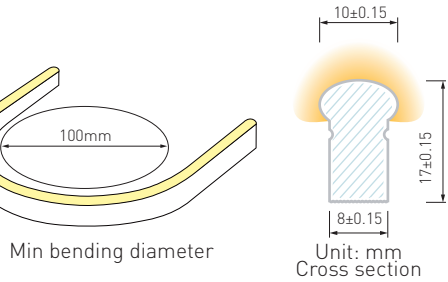
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C , T _a max (Table below)

LEDNEON 0817	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _a max)	55 C	45 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	270	27	50	13 (CC)	CC/CV
2400K±150	≥90	DC24V	10	285	28.5	50	13 (CC)	CC/CV
2700K±150	≥90	DC24V	10	310	31	50	13 (CC)	CC/CV
3000K±150	≥90	DC24V	10	310	31	50	13 (CC)	CC/CV
3500K±200	≥90	DC24V	10	320	32	50	13 (CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	340	34	50	13 (CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	345	34.5	50	13 (CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	320	32	50	13 (CC)	CC/CV
Red	--	DC24V	10	150	15	50	17 (CC)	CC/CV
Green	--	DC24V	10	360	36	50	13 (CC)	CC/CV
Blue	--	DC24V	10	70	7	50	13 (CC)	CC/CV
Yellow	--	DC24V	10	120	12	50	17 (CC)	CC/CV
Pink	--	DC24V	10	150	15	50	13 (CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	170	34	50	5	CV
W	≥90	DC24V	5	172.5	34.5	50	5	CV
W+WW	≥90	DC24V	10	330	33	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	36.3	11	62.5	5	CV
G	--	DC24V	3.3	92.4	28	62.5	5	CV
B	--	DC24V	3.3	16.5	5	62.5	5	CV
RGB	--	DC24V	10	145	14.5	62.5	5	CV

Cable Entry

Solder Free End Cap



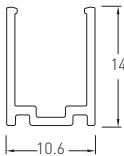
Silicone end cap



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

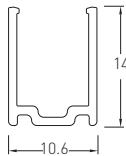
Accessories

Aluminium Mounting Clip



Dimension:
20x10.6x14mm(L x W x H)

Aluminium Profile



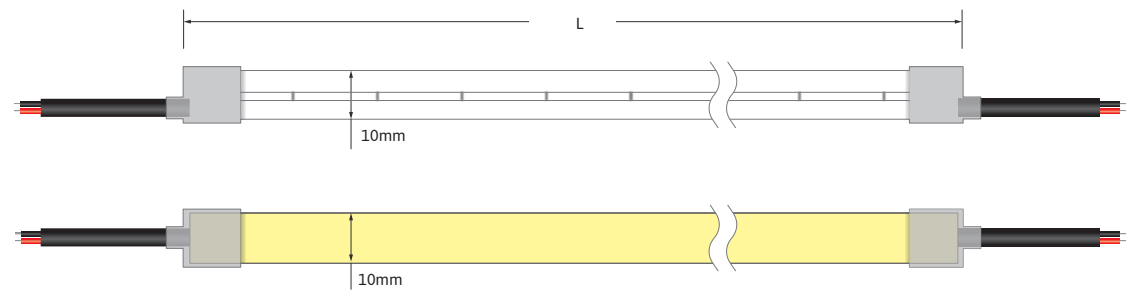
Dimension:
1000x10.6x14mm(L x W x H)

N1010

IP67 FLEX LEDNEON N1010, Side Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 100mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



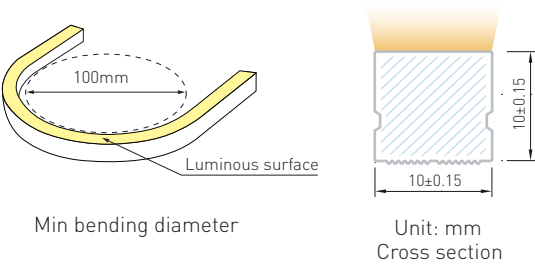
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	T _{amin} = -25℃, T _{amax} (Table below)

LEDNEON 1212	Low Output	STD output
Power(W/m)	5W	10W
Max. Ambient tempt.(T _{max})	55℃	45℃

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

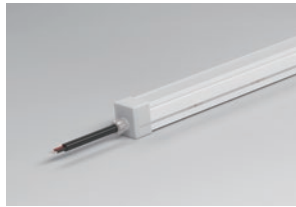
PARAMETER



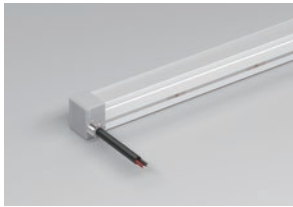
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	530	53	35.7	5	CV
2400K±150	≥90	DC24V	10	560	56	35.7	5	CV
2700K±150	≥90	DC24V	10	570	57	35.7	5	CV
3000K±150	≥90	DC24V	10	620	62	35.7	5	CV
3500K±200	≥90	DC24V	10	590	59	35.7	5	CV
4000K ^{+400 -200}	≥90	DC24V	10	660	66	35.7	5	CV
5000K ^{+500 -300}	≥90	DC24V	10	670	67	35.7	5	CV
6500K ^{+200 -600}	≥90	DC24V	10	690	69	35.7	5	CV
Red	--	DC24V	10	270	27	35.7	5	CV
Green	--	DC24V	10	540	54	35.7	5	CV
Blue	--	DC24V	10	130	13	35.7	5	CV
Yellow	--	DC24V	10	260	26	35.7	5	CV
Pink	--	DC24V	10	450	45	35.7	5	CV

Cable Entry

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



Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Accessories

Stainless Steel Mounting clips



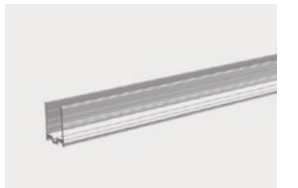
Dimension:
8X7.6X11.6mm

Aluminium Profile



Dimension:
1000(±5)x12.4x13mm

transparent plastic groove



Dimension:
1000(±5)x12x14.3mm



PVC Cable
2PIN
Color: Black



Silicone closed end cap
Dimension: 12x12mm (WxH)
Color: Semi-Transparent



Scissor
Material: stainless steel

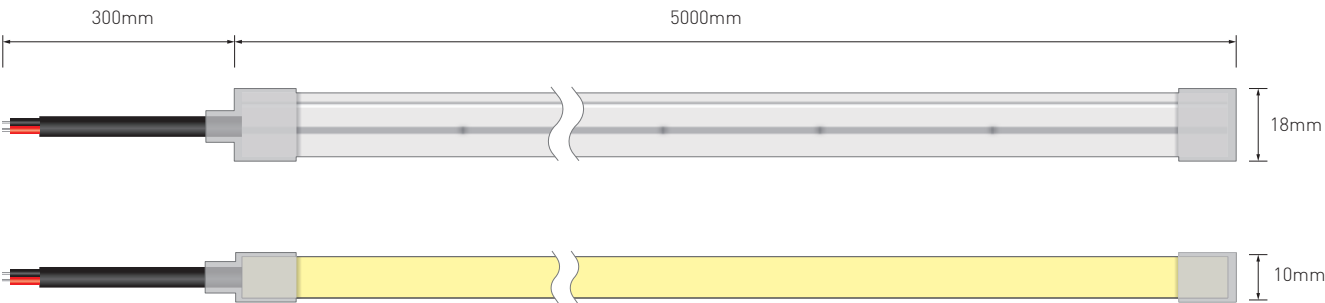


N1018

IP67 FLEX LEDNEON 1018, Side bend, DC24V. Cross section size 10mmx 18mm(W x H), which is horizontal bending with diameter of 150mm, which is horizontal bending with radius of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



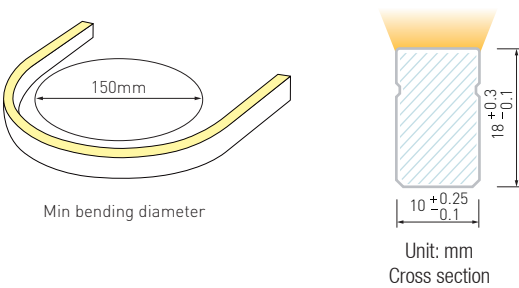
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON 1018	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _{max})	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	275	27.5	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	275	27.5	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	315	31.5	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	330	33	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	330	33	50	17(CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	355	35.5	50	17(CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	350	35	50	17(CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	355	35.5	50	17(CC)	CC/CV
Red	--	DC24V	10	145	14.5	50	18(CC)	CC/CV
Green	--	DC24V	10	370	37	50	17(CC)	CC/CV
Blue	--	DC24V	10	65	6.5	50	17(CC)	CC/CV
Yellow	--	DC24V	10	145	14.5	50	18(CC)	CC/CV
Pink	--	DC24V	10	150	15	50	17(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	162.5	32.5	50	5	CV
W	≥90	DC24V	5	175	35	50	5	CV
W+WW	≥90	DC24V	10	340	34	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	36.3	11	62.5	5	CV
G	--	DC24V	3.3	99	30	62.5	5	CV
B	--	DC24V	3.3	19.8	6	62.5	5	CV
RGB	--	DC24V	10	150	15	62.5	5	CV

Cable Entry



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



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

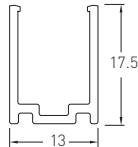


Silicone end cap
Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

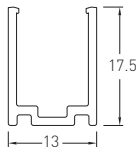
Accessories



Aluminium Mounting clips
Dimension:
20x13x17.5mm(L x W x H)



Aluminium Profile
Dimension:
1000x13x17.5mm(L x W x H)

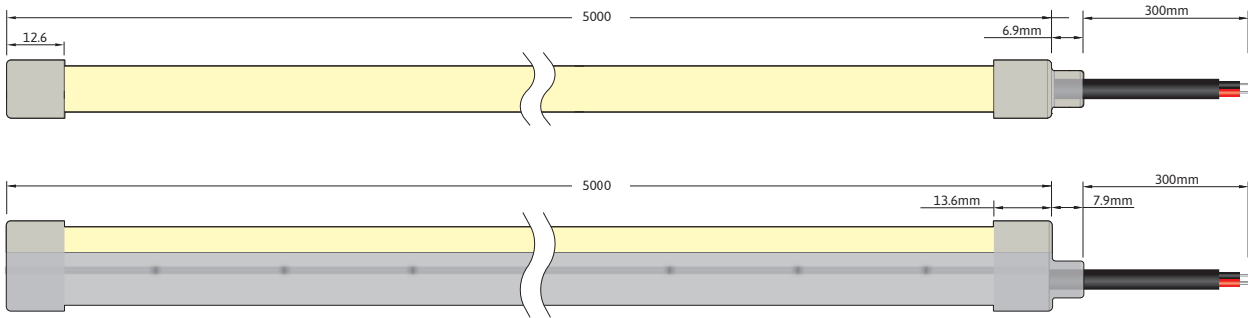


N1023

IP67 FLEX LEDNEON N1023, Side bend, DC24V. Cross section size 10mm x 23mm(W x H), which is horizontal bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and salt-water resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



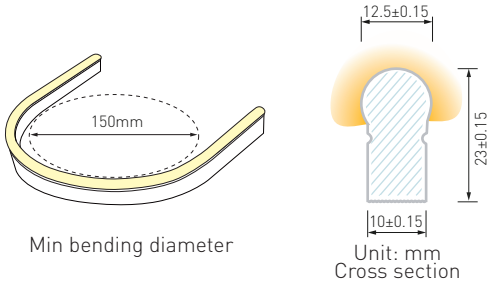
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON 1023	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _{max})	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	310	31	50	17 (CC)	CC/CV
2400K±150	≥90	DC24V	10	320	32	50	17 (CC)	CC/CV
2700K±150	≥90	DC24V	10	350	35	50	17 (CC)	CC/CV
3000K±150	≥90	DC24V	10	350	35	50	17 (CC)	CC/CV
3500K±200	≥90	DC24V	10	380	38	50	17 (CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	390	39	50	17 (CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	380	38	50	17 (CC)	CC/CV
6500K ^{+200 -600}	≥90	DC24V	10	350	35	50	17 (CC)	CC/CV
Red	--	DC24V	10	150	15	50	18 (CC)	CC/CV
Green	--	DC24V	10	405	40.5	50	17 (CC)	CC/CV
Blue	--	DC24V	10	75	7.5	50	17 (CC)	CC/CV
Yellow	--	DC24V	10	125	12.5	50	18 (CC)	CC/CV
Pink	--	DC24V	10	160	16	50	17 (CC)	CC/CV

CCT Tunable
PARAMETER



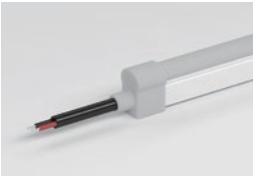
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	180	36	50	5	CV
W	≥90	DC24V	5	190	38	50	5	CV
W+WW	≥90	DC24V	10	360	36	50	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	33	10	62.5	5	CV
G	--	DC24V	3.3	97.35	29.5	62.5	5	CV
B	--	DC24V	3.3	19.8	6	62.5	5	CV
RGB	--	DC24V	10	145	14.5	62.5	5	CV

Cable Entry



Silicone end cap

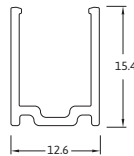
Front Cable Entry:
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips



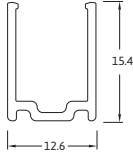
Dimension:
20x12.6x15.4mm(L x W x H)



Aluminium Profile



Dimension:
1000x12.6x15.4mm(L x W x H)

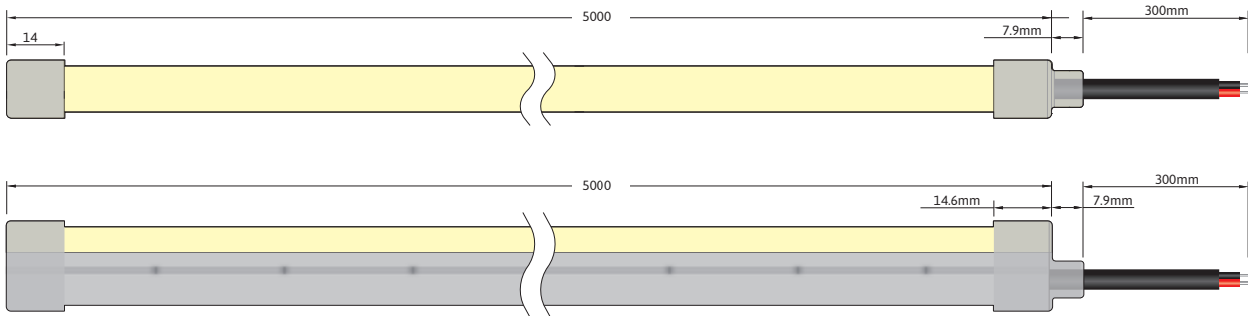


N1225

IP67 FLEX LEDNEON N1225, Side bend, DC24V. Cross section size 12mm x 25mm(W x H), which is horizontal bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



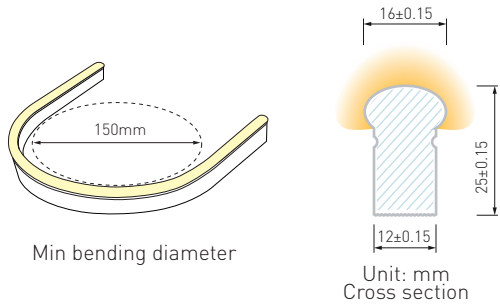
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _a min=-25 C , T _a max (Table below)

LEDNEON 1225	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _a max)	55 C	45 C	35 C

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color

PARAMETER



CCT Tunable

PARAMETER



RGB

PARAMETER



RGBW

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	240	24	50	17 (CC)	CC/CV
2400K±150	≥90	DC24V	10	270	27	50	17 (CC)	CC/CV
2700K±150	≥90	DC24V	10	290	29	50	17 (CC)	CC/CV
3000K±150	≥90	DC24V	10	290	29	50	17 (CC)	CC/CV
3500K±200	≥90	DC24V	10	305	30.5	50	17 (CC)	CC/CV
4000K ^{+400 -200}	≥90	DC24V	10	320	32	50	17 (CC)	CC/CV
5000K ^{+500 -300}	≥90	DC24V	10	300	30	50	17 (CC)	CC/CV
6500K ^{+200 -800}	≥90	DC24V	10	315	31.5	50	17 (CC)	CC/CV
Red	--	DC24V	10	125	12.5	50	18 (CC)	CC/CV
Green	--	DC24V	10	340	34	50	17 (CC)	CC/CV
Blue	--	DC24V	10	60	6	50	17 (CC)	CC/CV
Yellow	--	DC24V	10	105	10.5	50	18 (CC)	CC/CV
Pink	--	DC24V	10	135	13.5	50	17 (CC)	CC/CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	150	30	50	5	CV
W	≥90	DC24V	5	157.5	31.5	50	5	CV
W+WW	≥90	DC24V	10	295	29.5	50	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	29.7	9	62.5	5	CV
G	--	DC24V	3.3	85.8	26	62.5	5	CV
B	--	DC24V	3.3	16.5	5	62.5	5	CV
RGB	--	DC24V	10	135	13.5	62.5	5	CV

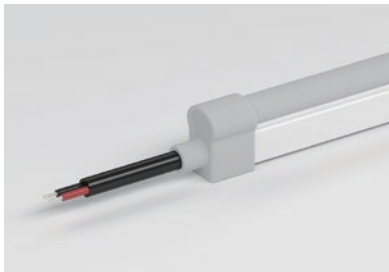
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	15	6	62.5	5	CV
G	--	DC24V	2.5	67.5	27	62.5	5	CV
B	--	DC24V	2.5	12.5	5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	70	28	62.5	5	CV
RGBW	--	DC24V	10	160	16	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	15	6	62.5	5	CV
G	--	DC24V	2.5	67.5	27	62.5	5	CV
B	--	DC24V	2.5	12.5	5	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	75	30	62.5	5	CV
RGBW	--	DC24V	10	180	18	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	15	6	62.5	5	CV
G	--	DC24V	2.5	67.5	27	62.5	5	CV
B	--	DC24V	2.5	12.5	5	62.5	5	CV
W(4000K ^{+500 -200})	≥80	DC24V	2.5	77.5	31	62.5	5	CV
RGBW	--	DC24V	10	185	18.5	62.5	5	CV

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	15	6	62.5	5	CV
G	--	DC24V	2.5	67.5	27	62.5	5	CV
B	--	DC24V	2.5	12.5	5	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	83.75	33.5	62.5	5	CV
RGBW	--	DC24V	10	185	18.5	62.5	5	CV

Cable Entry

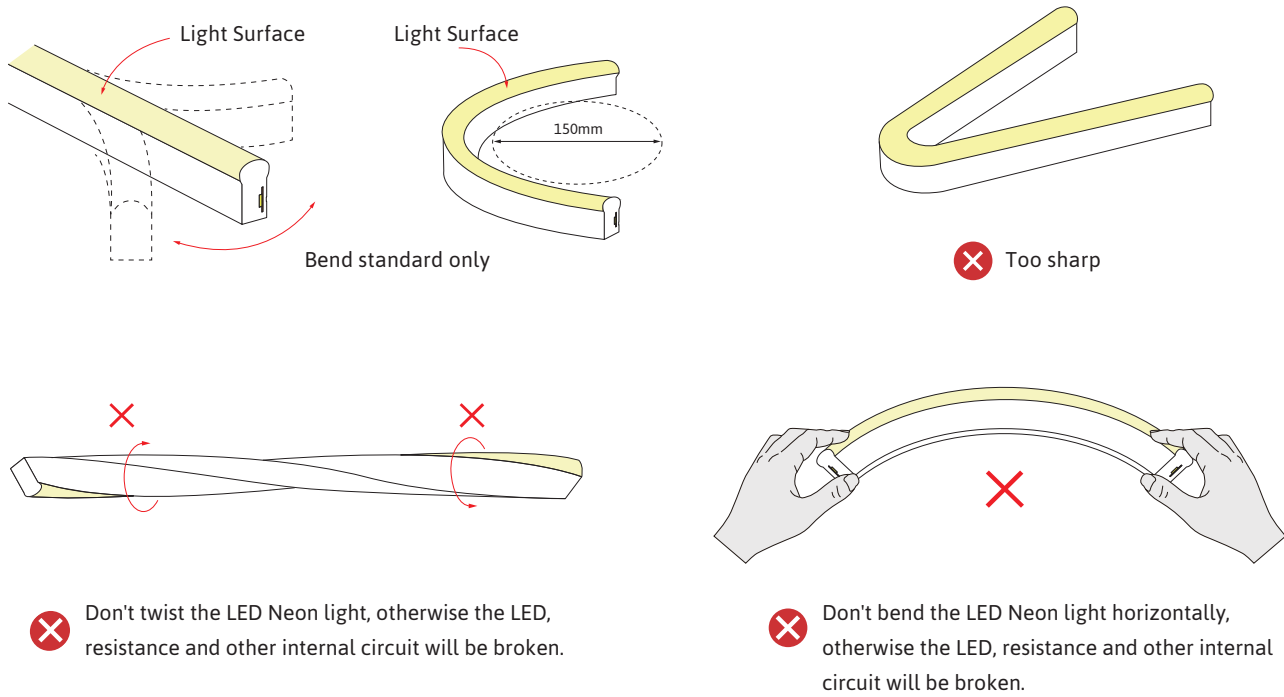


Silicone end cap

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

Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;

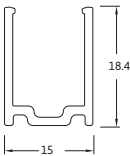


Accessories

Aluminium Mounting Clip



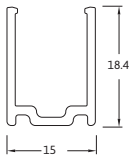
Dimension:
20x15x18.4mm(L x W x H)



Aluminium Profile



Dimension:
1000x15x18.4mm(L x W x H)



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



Silicone closed end cap
Dimension: 14x14.5x27.5mm (LxWxH)
Color: Semi-Transparent



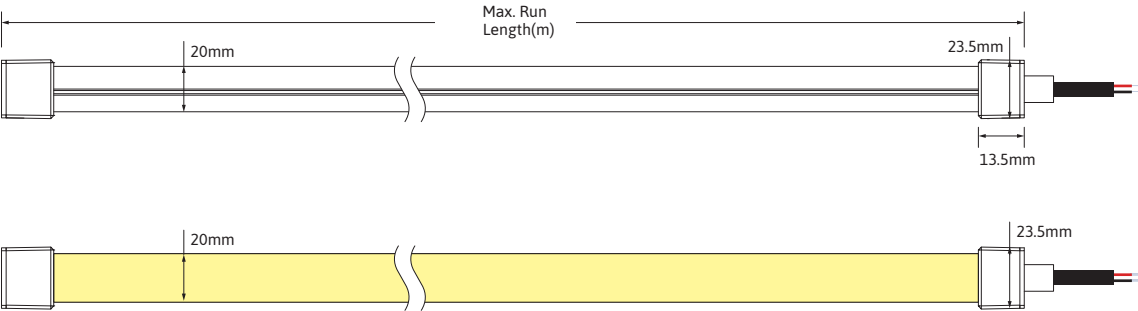
Scissor
Material: stainless steel

N2020

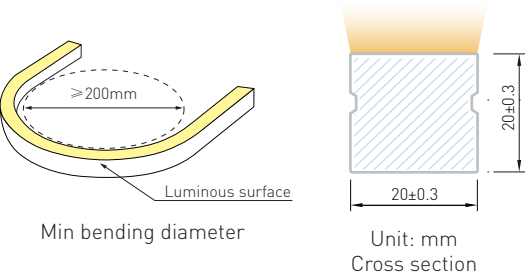
IP67 FLEX LEDNEON N2020, Top bend, DC24V. Cross section size 20mm x 20mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)



LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(T _{max})	55 C	45 C	35 C

- Note:**
- When ambient temperature reaches 55 °C, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	380	38	50	17(CC)	CC/CV
2400K±150	≥90	DC24V	10	450	45	50	17(CC)	CC/CV
2700K±150	≥90	DC24V	10	460	46	50	17(CC)	CC/CV
3000K±150	≥90	DC24V	10	430	43	50	17(CC)	CC/CV
3500K±200	≥90	DC24V	10	480	48	50	17(CC)	CC/CV
4000K ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	470	47	50	17(CC)	CC/CV
5000K ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	470	47	50	17(CC)	CC/CV
6500K ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	10	460	46	50	17(CC)	CC/CV
Red	--	DC24V	10	220	22	50	18(CC)	CC/CV
Green	--	DC24V	10	350	35	50	17(CC)	CC/CV
Blue	--	DC24V	10	100	10	50	17(CC)	CC/CV
Yellow	--	DC24V	10	210	21	50	18(CC)	CC/CV
Pink	--	DC24V	10	340	34	50	17(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW	≥90	DC24V	5	250	50	50	5	CV
W	≥90	DC24V	5	255	51	50	5	CV
W+WW	≥90	DC24V	10	490	49	50	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	59.4	18	62.5	5	CV
G	--	DC24V	3.3	128.7	39	62.5	5	CV
B	--	DC24V	3.3	23.1	7	62.5	5	CV
RGB	--	DC24V	10	210	21	62.5	5	CV

RGBW

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	122.5	49	62.5	5	CV
RGBW	--	DC24V	10	290	29	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	130	52	62.5	5	CV
RGBW	--	DC24V	10	290	29	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(4000K ⁺⁵⁰⁰ ₋₂₀₀)	≥80	DC24V	2.5	125	50	62.5	5	CV
RGBW	--	DC24V	10	280	28	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	135	54	62.5	5	CV
RGBW	--	DC24V	10	310	31	62.5	5	CV

Cable Entry

Silicone end cap

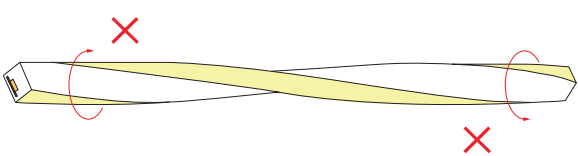
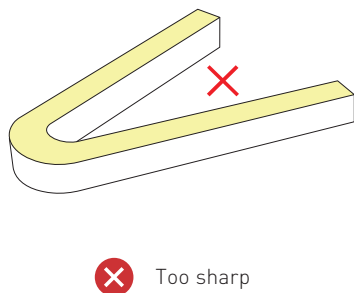
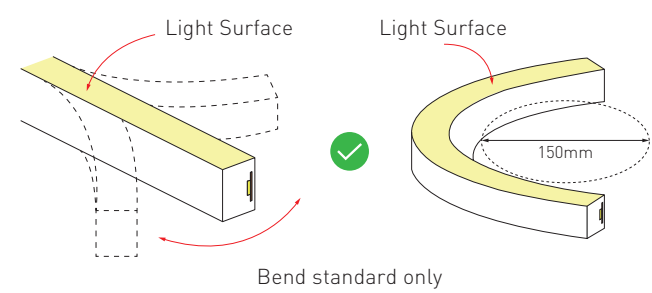


Front Cable Entry

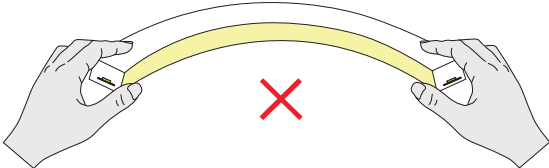
The cable could be hidden in all directions by the flexible design.

Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



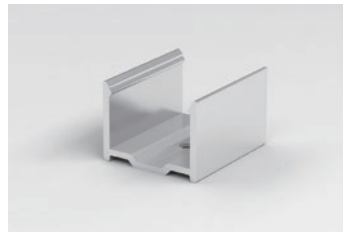
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



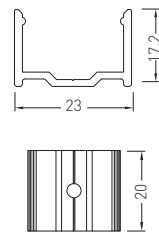
Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

Aluminium Mounting clips



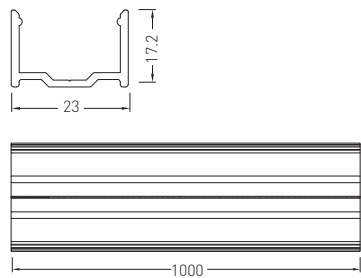
Dimension:
20x23x17.2mm



Aluminium Profile



Dimension:
1000(±5)x23x17.2mm

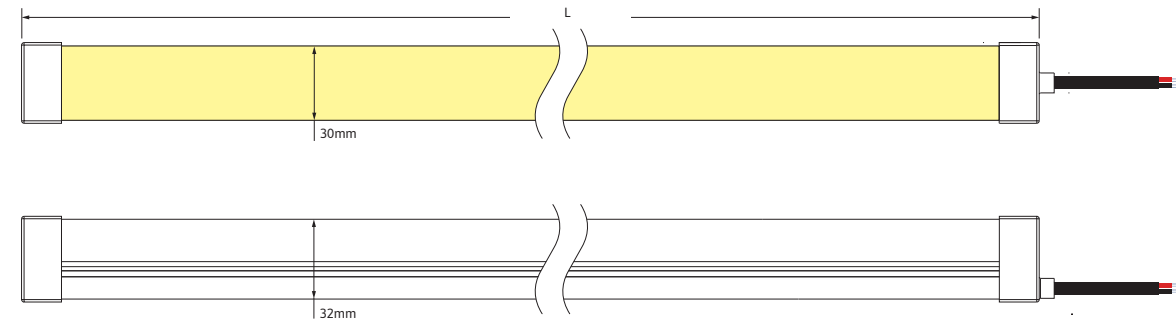


N3032

IP67 FLEX LEDNEON N3032, Top bend, DC24V. Cross section size 30mm x 32mm(W x H), which is vertical bending with diameter of 500mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

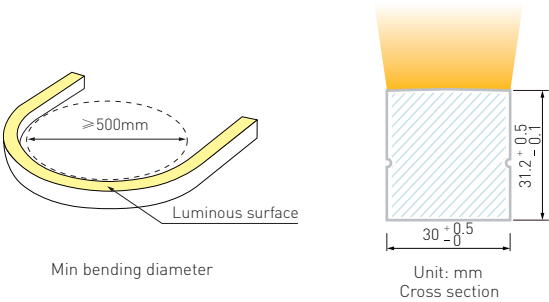


Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _a _{max} (Table below)

LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(T _a _{max})	55 C	45 C	35 C



- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 16W/M.
 - Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700±150	≥90	DC24V	15	645	43	50	12(CC)	CC/CV
3000±150	≥90	DC24V	15	660	44	50	12(CC)	CC/CV
4000 ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	15	743	49.5	50	12(CC)	CC/CV
6500 ⁺²⁰⁰ ₋₆₀₀	≥90	DC24V	15	666	44.4	50	12(CC)	CC/CV
Red	--	DC24V	15	284	18.9	50	12(CC)	CC/CV
Green	--	DC24V	15	632	42.1	50	12(CC)	CC/CV
Blue	--	DC24V	15	149	9.9	50	12(CC)	CC/CV
Yellow	--	DC24V	15	195	13	50	12(CC)	CC/CV
Orange	--	DC24V	15	273	18.2	50	12(CC)	CC/CV
Pink	--	DC24V	15	581	38.7	50	12(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700±150	≥90	DC24V	7.5	314	41.9	62.5	5	CV
6500±500	≥90	DC24V	7.5	341	45.4	62.5	5	CV
2700+6500	≥90	DC24V	15	650	43.3	62.5	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	75	14.9	83.3	5	CV
G	--	DC24V	5	275	54.9	83.3	5	CV
B	--	DC24V	5	48	9.6	83.3	5	CV
RGB	--	DC24V	15	375	25	83.3	5	CV

RGBW

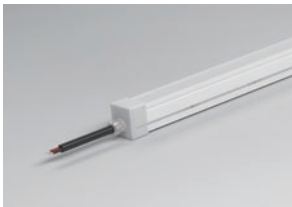
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.8	63	16.7	83.3	5	CV
G	--	DC24V	3.8	226	59.5	83.3	5	CV
B	--	DC24V	3.8	48	12.5	83.3	5	CV
2700±150	>90	DC24V	3.8	197	51.9	83.3	5	CV
RGBW	--	DC24V	15	516	34.4	83.3	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.8	64	16.9	83.3	5	CV
G	--	DC24V	3.8	225	59.1	83.3	5	CV
B	--	DC24V	3.8	43	11.4	83.3	5	CV
3000±150	>90	DC24V	3.8	199	52.4	83.3	5	CV
RGBW	--	DC24V	15	518	34.5	83.3	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.8	68	17.9	83.3	5	CV
G	--	DC24V	3.8	232	61.1	83.3	5	CV
B	--	DC24V	3.8	51	13.4	83.3	5	CV
4000±300	>90	DC24V	3.8	220	57.8	83.3	5	CV
RGBW	--	DC24V	15	542	36.1	83.3	5	CV
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.8	65	17	83.3	5	CV
G	--	DC24V	3.8	225	59.3	83.3	5	CV
B	--	DC24V	3.8	45	11.8	83.3	5	CV
6500±500	>90	DC24V	3.8	199	52.4	83.3	5	CV
RGBW	--	DC24V	15	515	34.3	83.3	5	CV

Cable Entry

Silicone end cap



Front Cable Entry

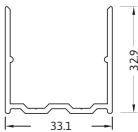
The cable could be hidden in all directions by the flexible design.

Accessories

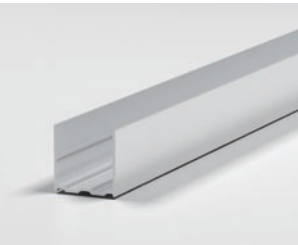
Aluminium Mounting clips



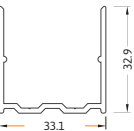
Dimension:
20x33.1x32.9mm



Aluminium Profile

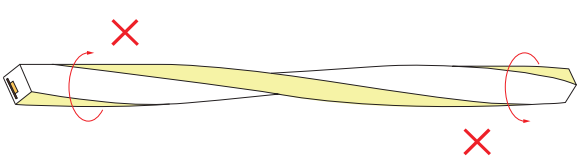
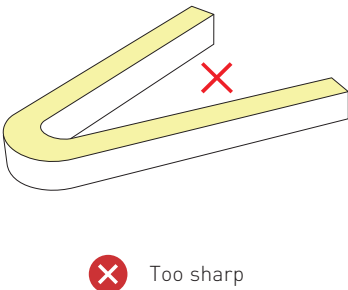
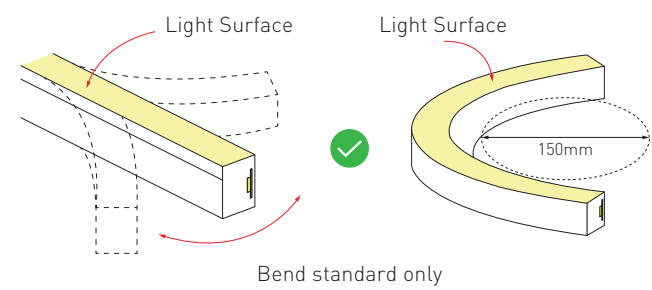


Dimension:
1000x33.1x32.9mm

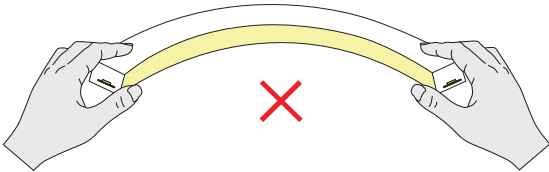


Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

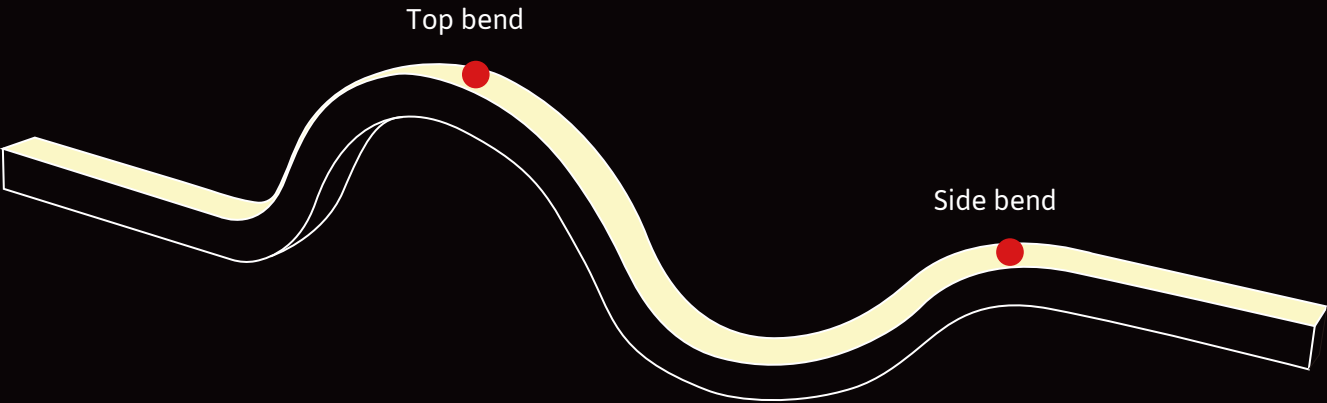


3D Top bend & side bend

3DN1615

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

					
2400 K	2700 K	3000 K	3500 K	4000 K	5000 K
					
R	G	B	Pink	Amber	

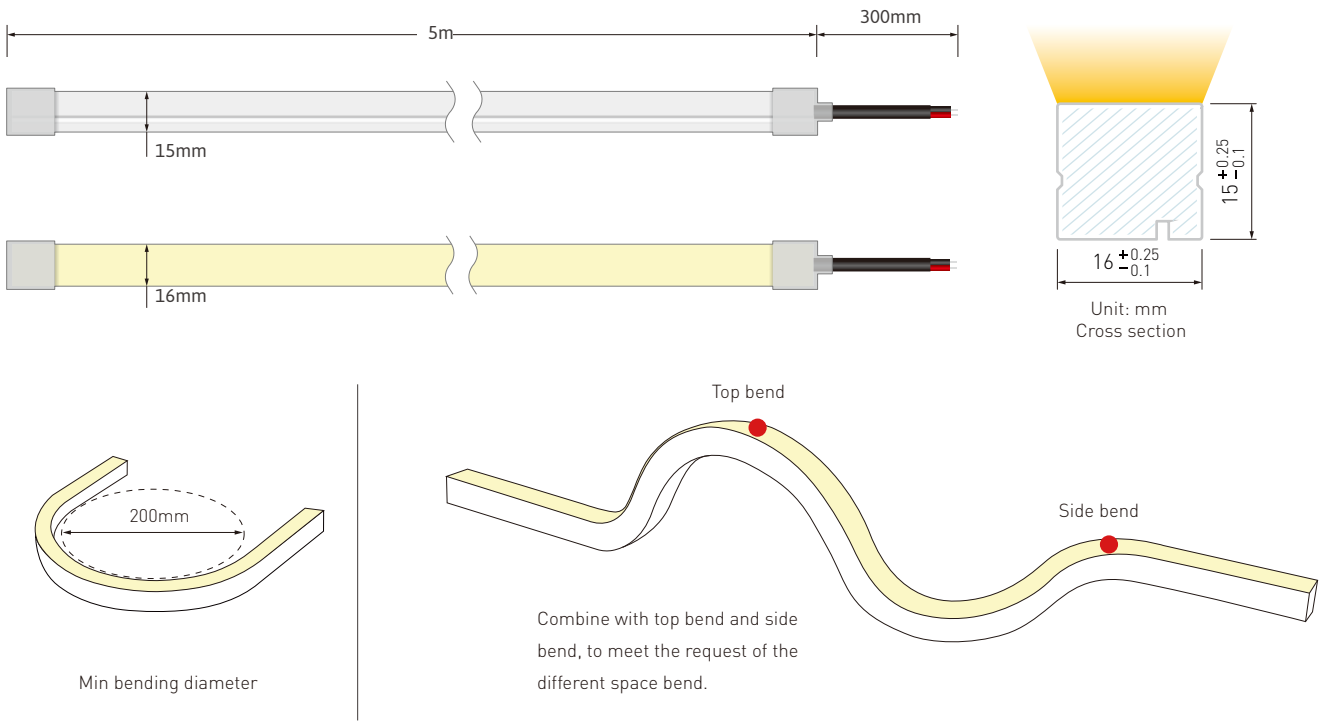


3DN1615

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



Dimension



Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2100K±150	≥90	DC24V	10	600	60	50	5	CC/CV
2400K±150	≥90	DC24V	10	630	63	50	5	CC/CV
2700K±150	≥90	DC24V	10	670	67	50	5	CC/CV
3000K±150	≥90	DC24V	10	700	70	50	5	CC/CV
3500K±200	≥90	DC24V	10	730	73	50	5	CC/CV
4000K +400 -200	≥90	DC24V	10	730	73	50	5	CC/CV
5000K +500 -300	≥90	DC24V	10	750	75	50	5	CC/CV
6500K +200 -600	≥90	DC24V	10	730	73	50	5	CC/CV
Red	--	DC24V	10	310	31	50	5	CC/CV
Green	--	DC24V	10	530	53	50	5	CC/CV
Blue	--	DC24V	10	140	14	50	5	CC/CV
Yellow	--	DC24V	10	260	26	50	5	CC/CV
Pink	--	DC24V	10	480	48	50	5	CC/CV

Cable Entry

Silicone end cap



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

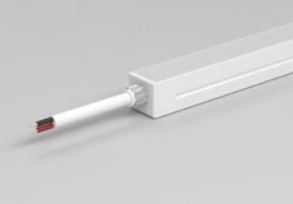


Side Cable Entry:
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamless

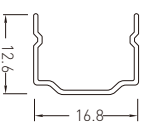
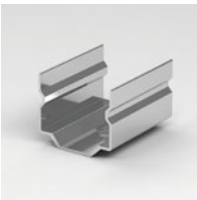
Integral end cap



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

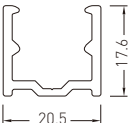
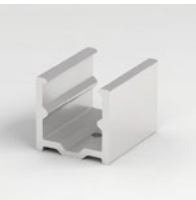
Accessories

Mounting Clips



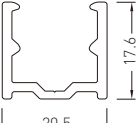
Dimension:
20x12.6x16.8mm

Aluminium Mounting clips



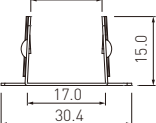
Dimension:
20x20.5x17.6

Aluminium Profile



Dimension:
1000x20.5x17.6

Curved aluminum profile



Dimension:
51.4x30.4x15mm

Suspension Installation





360° EMITTING SILICONE NEON STRIP

NR25/NR25 PRO

- Unique optical light distribution structure design, 360° emitting uniform without shadow.
- IP65 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

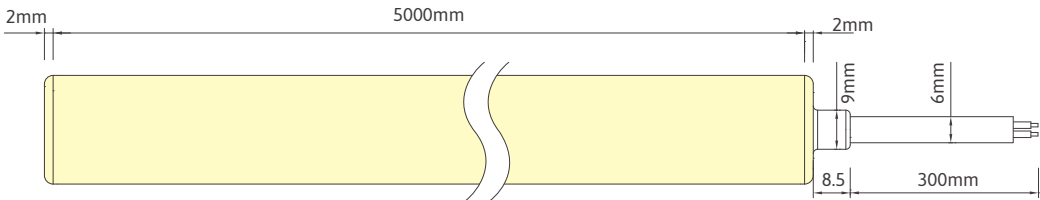
						
2700 K	3000 K	3500 K	4000 K	5000 K	6000 K	TW
						
R	G	B	Pink	Amber	RGB	RGBW

NR25

360 ° EMITTING SILICONE NEON STRIP NR25, DC24V. Cross section size diameter 25mm, which is vertical bending with diameter of 200mm. It is IP65 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.



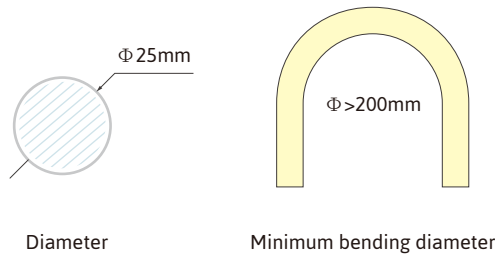
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/16w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{min} = -25 C , T _{max} (Table below)

LEDNEON R25	Low Output	Std Output	High Output
Power(W/m)	5W	10W	16W
Max. Ambient tempt.(T _{max})	55 C	45 C	35 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 65

Warranty
3 Years

Photoelectric parameters (5W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
Single color 5W	2400±150	272	56	24	90	/	5M
	2700±150	276	55				
	3000±150	284	27				
	3500±200	306	61				
	4000±300	298	59				
	5000±300	309	62	24	/	/	5M
	6000±300	302	60				
	R: 620-630nm	246	25				
	G: 520-530nm	502	50				
	B: 465-475nm	114	11				
Tunable white 5W	Y: 585-595nm	209	21	24	90	/	5M
	Pink	409	41				
	2700 (WW)	258	50				
	5000 (W)	262	50				
RGB 5W	3500 (WW+W)	517	50	24	/	/	5M
	R: 620-630nm	56	16				
	G: 520-530nm	162	47				
	B: 465-475nm	26	7				
	RGB	248	24				

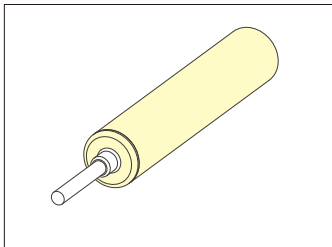
Photoelectric parameters (10W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
Single color 10W	2400±150	525	53	24	90	/	5M
	2700±150	517	52				
	3000±150	529	53				
	3500±200	600	60				
	4000±300	556	55				
	5000±300	604	60	24	/	/	5M
	6000±300	586	58				
	R: 620-630nm	246	25				
	G: 520-530nm	502	50				
	B: 465-475nm	114	11				
Tunable white 10W	Y: 585-595nm	209	21	24	90	/	5M
	Pink	409	41				
	2700 (WW)	258	50				
	5000 (W)	262	50				
RGB 10W	3500 (WW+W)	517	50	24	/	/	5M
	R: 620-630nm	56	16				
	G: 520-530nm	162	47				
	B: 465-475nm	26	7				
	RGB	248	24				

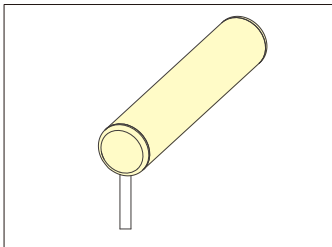
Photoelectric parameters (16W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
RGB	R: 620-630nm	58	15	24	/	/	5M
	G: 520-530nm	194	49				
	B: 465-475nm	32	8				
+ W	RGB	281	23	24	90	/	5M
	2200±150K	200	50				
	2700±150K	219	55				
	3200±200K	224	56				
	4500±300K	226	56				
	5500±300K	237	59				
	6500±500K	229	57				

Cable Entry

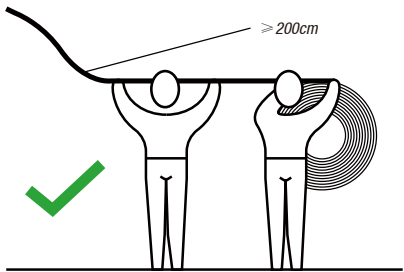


Cable entry: Front

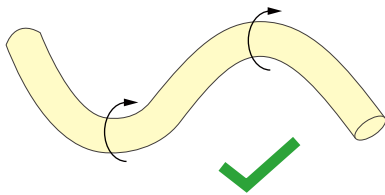


Side Cable Entry

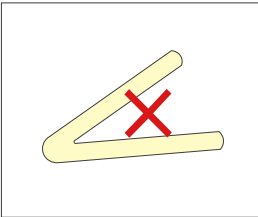
Installation/Use Precautions



When the length of the strip is longer than 2 meters, have two people work together to install it.



Bending diameter must be greater than 200mm



Small Angle bending is prohibited



Prohibit trample

Tests show that formaldehyde and benzene substances will make silicone products yellowing. If the silicone products are used in the indoor environment of new decoration, epoxy floor paint, wall paint, wallpaper adhesive, all kinds of decoration materials, or new furniture, are likely to release formaldehyde and benzene substances. In order to avoid silicone material affected, it is suggested that the use of the environment after the completion of the new decoration, formaldehyde and benzene should be removed first, or it should be ventilated for a period of time before installing the strip.

Accessories



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A
Material: Aluminum Alloy
Color: Black
Size: Φ38x41mm
Noted: With screws, plastic plugs



Lift Fixtures B
(For single color product use ONLY)
Material: Aluminum Alloy
Color: Black
Size: Φ5x92mm
Noted: With screws, plastic plugs



Connector for Side outlet
Material: Aluminum Alloy
Color: Black
Size: Φ27.6x37mm
Noted: With screws



Connector
Material: Aluminum Alloy
Color: Black
Size: Φ27.6x37mm
Noted: With screws



U-shaped Lift Fixtures
Material: Aluminum Alloy
Color: Black
Size: Φ38x41mm
Noted: With screws, plastic plugs



Hanging Rope
Material: Stainless Steel
Color: Stainless steel natural color
Size: Φ1.5x1000mm
Noted: With screws, plastic plugs



Side outlet transparent connector
Material: PMMA
Color: Transparent
Size: φ30x40mm
Noted: With screws



Transparent connector
Material: PMMA
Color: Transparent
Size: φ30x40mm
Noted: With screws



Side outlet transparent connector
Material: PMMA
Color: Transparent
Size: φ30x40mm
Noted: With screws



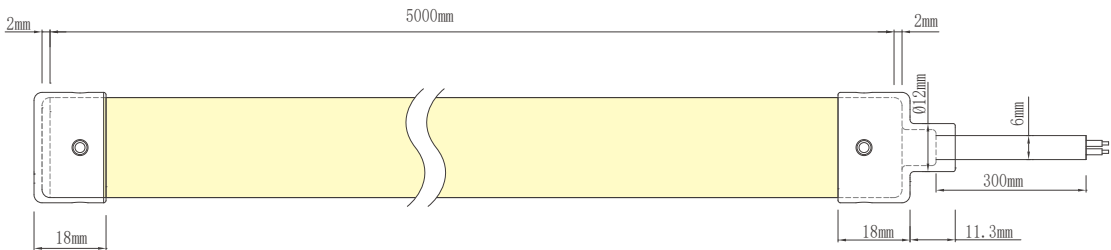
Transparent connector
Material: PMMA
Color: Transparent
Size: φ30x40mm
Noted: With screws

NR25 PRO

The light source shall be COB light strip with high luminous efficiency;
Adopt high light transmittance, environment-friendly silicone material;
Unique optical light distribution structure design, 360 ° emitting uniform without shadow.
Excellent toughness, stylish appearance, elegant design.
IP65 protection level with integrated extrusion molding process, high light transmittance,environment-friendly silicone material.
Salt resistance, acid & alkali corrosion resistance, UV resistance.
Ambient temperature: -25 C ~60 C.; Storage temperature: 0 C ~60 C .



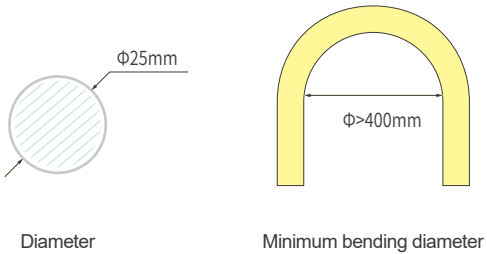
Dimension



Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	10w
Storage Temperature	-25 C ~60 C
Ambient Temperature	T _{amin} =-25 C , T _{amax} (Table below)

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 65

Warranty

3 Years

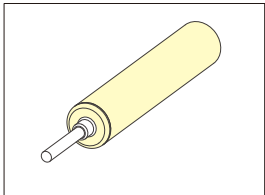
Single color

PARAMETER

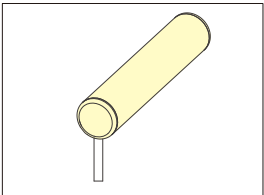


CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2000 ⁺¹⁰⁰ / ₋₂₀₀	≥90	DC24V	10	363	36.3	50	5	CC/CV
2200 ⁺¹⁰⁰ / ₋₂₀₀	≥90	DC24V	10	380	38	50	5	CC/CV
2400 ⁺¹⁰⁰ / ₋₂₀₀	≥90	DC24V	10	417	41.7	50	5	CC/CV
2600±150	≥90	DC24V	10	477	47.7	50	5	CC/CV
3200±200	≥90	DC24V	10	524	52.4	50	5	CC/CV
4500±400	≥90	DC24V	10	547	54.7	50	5	CC/CV
Red	--	DC24V	10	58	5.8	50	5	CC/CV
Green	--	DC24V	10	637	63.7	50	5	CC/CV
Blue	--	DC24V	10	103	10.3	50	5	CC/CV
Yellow	--	DC24V	10	402	40.2	50	5	CC/CV
Orange	--	DC24V	10	240	24	50	5	CC/CV
Pink	--	DC24V	10	116	11.6	50	5	CC/CV

Cable Entry



Cable entry: Front



Side Cable Entry

Accessories



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A
Material: Aluminum Alloy
Color: Black
Size: Φ 38x41mm
Noted: With screws, plastic plugs



Lift Fixtures B
(For single color product use ONLY)
Material: Aluminum Alloy
Color: Black
Size: Φ 5x92mm
Noted: With screws, plastic plugs



Connector for Side outlet
Material: Aluminum Alloy
Color: Black
Size: Φ 27.6x37mm
Noted: With screws



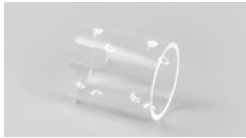
Connector
Material: Aluminum Alloy
Color: Black
Size: Φ 27.6x37mm
Noted: With screws



U-shaped Lift Fixtures
Material: Aluminum Alloy
Color: Black
Size: Φ 38x41mm
Noted: With screws, plastic plugs



Hanging Rope
Material: Stainless Steel
Color: Stainless steel natural color
Size: Φ 1.5x1000mm
Noted: With screws, plastic plugs



Side outlet transparent connector
Material: PMMA
Color: Transparent
Size: Φ 30x40mm
Noted: With screws



Transparent connector
Material: PMMA
Color: Transparent
Size: Φ 30x40mm
Noted: With screws



Side outlet transparent connector
Material: PMMA
Color: Transparent
Size: Φ 30x40mm
Noted: With screws



Transparent connector
Material: PMMA
Color: Transparent
Size: Φ 30x40mm
Noted: With screws

Embedded led neon (Side Bend)

EN0612/EN0817/EN1220

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



Embedded led neon (Top Bend)

EN1212/EN1615

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



EN0612

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.



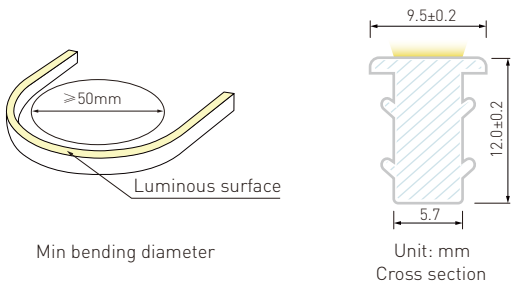
Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃~ 60℃
Ambient Temperature	Min.-25℃,Max (Table below)
CRI	≥90

Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	30.3 lm/w	45℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 65

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	277	27.7	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	282	28.2	50	13(CC)	CC/CV
4000K±300	≥90	DC24V	10	303	30.3	50	13(CC)	CC/CV
6500K±500	≥90	DC24V	10	312	31.2	50	13(CC)	CC/CV
Red	--	DC24V	10	148	14.8	50	13(CC)	CC/CV
Green	--	DC24V	10	369	36.9	50	13(CC)	CC/CV
Blue	--	DC24V	10	86	8.6	50	13(CC)	CC/CV
Yellow	--	DC24V	10	106	10.6	50	13(CC)	CC/CV
Orange	--	DC24V	10	145	14.5	50	13(CC)	CC/CV
Pink	--	DC24V	10	270	27.0	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	5	143	28.6	62.5	5	CV
5500K±500	≥90	DC24V	5	157	31.4	62.5	5	CV
2700K+5500K	≥90	DC24V	10	297	29.7	62.5	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	28	8.4	50	5	CV
G	--	DC24V	3.3	87	26.4	50	5	CV
B	--	DC24V	3.3	16	4.8	50	5	CV
RGB	--	DC24V	10	132	13.2	50	5	CV

SPI

PARAMETER



CCT(K)	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)	Max.Run Length (M)
DC24V	4.8	R	16	3.4	10	SPI	WS2811	100	5
	4.8	G	45	9.3					
	4.8	B	8	1.7					
	12.5	RGB	94	7.5					

Accessories



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



Silicone closed end cap
Dimension: 13x8.5x14.5mm (LxWxH)
Color: Semi-Transparent



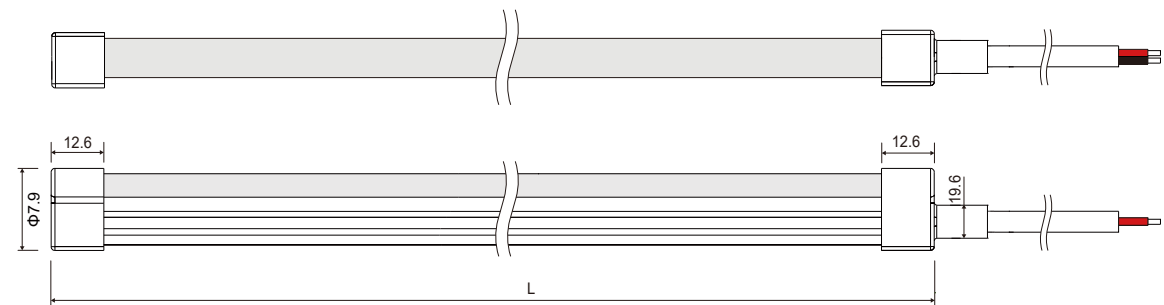
Scissor
Material: stainless steel

EN0817

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.



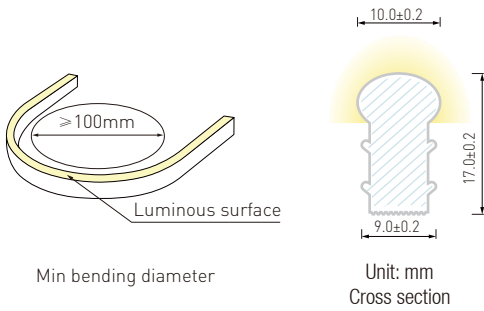
Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃ ~ 60℃
Ambient Temperature	Min.-25℃, Max (Table below)
CRI	≥90

Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	30.3 lm/w	45℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof
Grade
IP 65

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	340	34.0	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	359	35.9	50	13(CC)	CC/CV
4000K±300	≥90	DC24V	10	405	40.5	50	13(CC)	CC/CV
6500K±500	≥90	DC24V	10	394	39.4	50	13(CC)	CC/CV
Red	--	DC24V	10	185	18.5	50	13(CC)	CC/CV
Green	--	DC24V	10	453	45.3	50	13(CC)	CC/CV
Blue	--	DC24V	10	105	10.5	50	13(CC)	CC/CV
Yellow	--	DC24V	10	138	13.8	50	13(CC)	CC/CV
Orange	--	DC24V	10	186	18.6	50	13(CC)	CC/CV
Pink	--	DC24V	10	347	34.7	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	5	175.3	35.1	62.5	5	CV
5500K±500	≥90	DC24V	5	197.5	39.5	62.5	5	CV
2700K+5500K	≥90	DC24V	10	371.4	37.1	62.5	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	37	11.1	50	5	CV
G	--	DC24V	3.3	113	34.3	50	5	CV
B	--	DC24V	3.3	20	6.2	50	5	CV
RGB	--	DC24V	10	175	17.5	50	5	CV

SPI

PARAMETER



CCT(K)	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)	Max.Run Length (M)
DC24V	4.8	R	40	8.3	10	SPI	WS2811	100	5
	4.8	G	121	25.1					
	4.8	B	21	4.4					
	12.5	RGB	177	14.2					

Accessories



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



Silicone closed end cap
Dimension: 13x8.5x14.5mm (LxWxH)
Color: Semi-Transparent



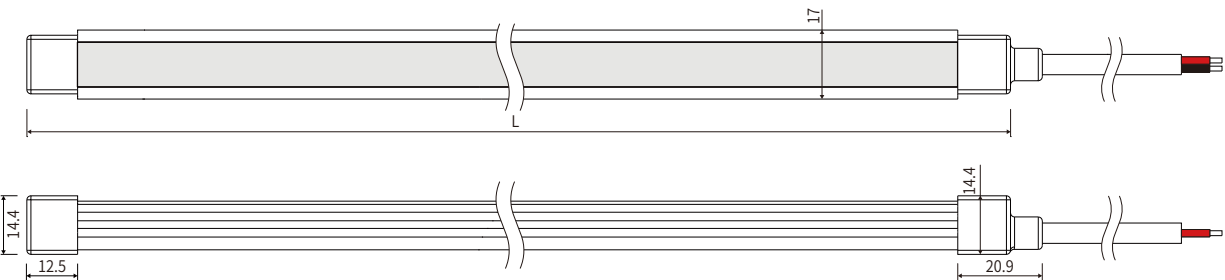
Scissor
Material: stainless steel

EN1212

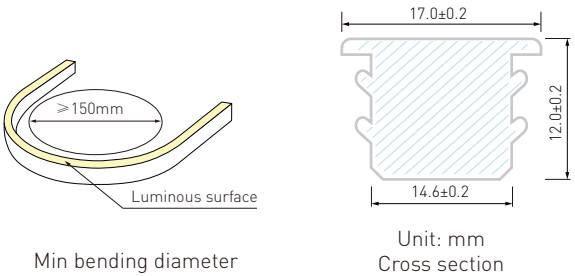
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.



Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃~ 60℃
Ambient Temperature	Min.-25℃,Max (Table below)
CRI	≥90



Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	57.1lm/w	45℃

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 65

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	514	51.4	50	13(CC)	CC/CV
3000K±150	≥90	DC24V	10	536	53.6	50	13(CC)	CC/CV
4000K±300	≥90	DC24V	10	571	57.1	50	13(CC)	CC/CV
6500K±500	≥90	DC24V	10	585	58.5	50	13(CC)	CC/CV
Red	--	DC24V	10	247	24.7	50	13(CC)	CC/CV
Green	--	DC24V	10	603	60.3	50	13(CC)	CC/CV
Blue	--	DC24V	10	137	13.7	50	13(CC)	CC/CV
Yellow	--	DC24V	10	179	17.9	50	13(CC)	CC/CV
Orange	--	DC24V	10	251	25.1	50	13(CC)	CC/CV
Pink	--	DC24V	10	473	47.3	50	13(CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	5	270	53.9	62.5	5	CV
6500K±500	≥90	DC24V	5	302	60.4	62.5	5	CV
2700K+6500K	≥90	DC24V	10	570	57.0	62.5	5	CV

RGB

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	55	16.7	50	5	CV
G	--	DC24V	3.3	172	52.1	50	5	CV
B	--	DC24V	3.3	33	9.9	50	5	CV
RGB	--	DC24V	10	265	26.5	50	5	CV

SPI

PARAMETER



CCT(K)	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)	Max.Run Length (M)
DC24V	4.8	R	62	13.0	10	SPI	WS2811	100	5
	4.8	G	188	39.2					
	4.8	B	34	7.1					
	12.5	RGB	277	22.2					

Accessories



PVC Cable
2PIN, 3PIN, 4PIN
Color: Black



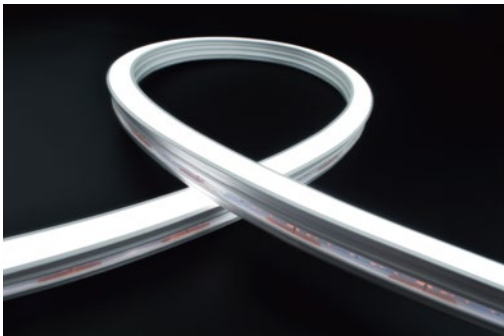
Silicone closed end cap
Dimension: 13x14.5x14.5mm
Color: Semi-Transparent



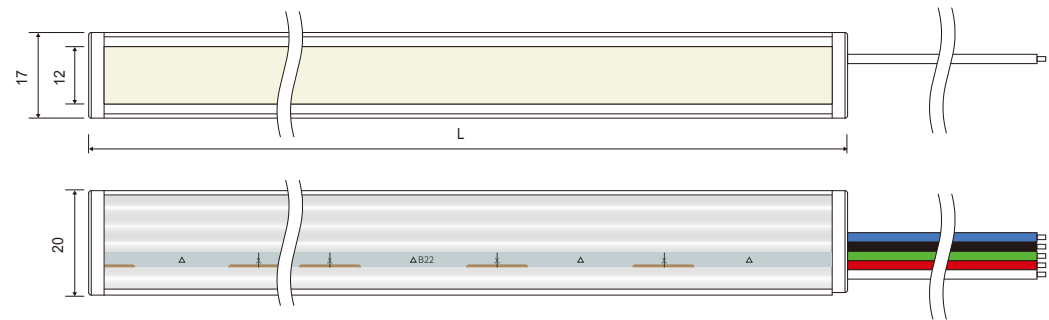
Scissor
Material: stainless steel

EN1220

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP44 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.

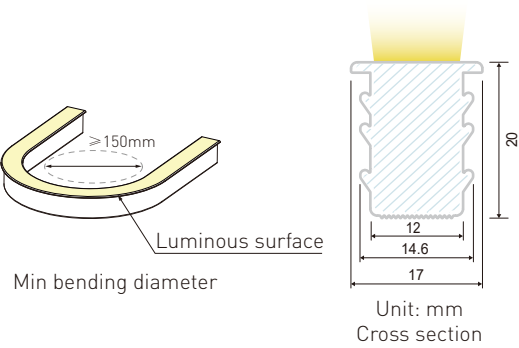


Dimension



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

Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	40.7 lm/w	45 C



- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.





Voltage
24v DC



UV
Protection



Consistency
One Bin



Length
5M



Waterproof
Grade
IP 44



Warranty
3 Years

Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K +150 -50	>90	DC24V	10	374	37.4	50	17(CC)	CC/CV
2700K±100	>90	DC24V	10	365	36.5	50	17(CC)	CC/CV
3000K±150	>90	DC24V	10	370	37	50	17(CC)	CC/CV
4000K±200	>90	DC24V	10	407	40.7	50	17(CC)	CC/CV
5800K±300	>90	DC24V	10	378	37.8	50	17(CC)	CC/CV
R	--	DC24V	10	169	16.9	50	18(CC)	CC/CV
G	--	DC24V	10	427	42.7	50	17(CC)	CC/CV
B	--	DC24V	10	98	9.8	50	17(CC)	CC/CV
Yellow	--	DC24V	10	126	12.6	50	18(CC)	CC/CV
Orange	--	DC24V	10	167	16.7	50	17(CC)	CC/CV
Pink	--	DC24V	10	346	34.6	50	17(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	>90	DC24V	5	226	45.2	71.4	5	CV
6000K +200 -300	>90	DC24V	5	241	48.2	71.4	5	CV
2700K+6000K	>90	DC24V	10	462	46.2	71.4	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	45	13.6	83.33	5	CV
G	--	DC24V	3.3	173	52.4	83.33	5	CV
B	--	DC24V	3.3	34	10.3	83.33	5	CV
RGB	--	DC24V	10	254	25.4	83.33	5	CV



PARAMETER

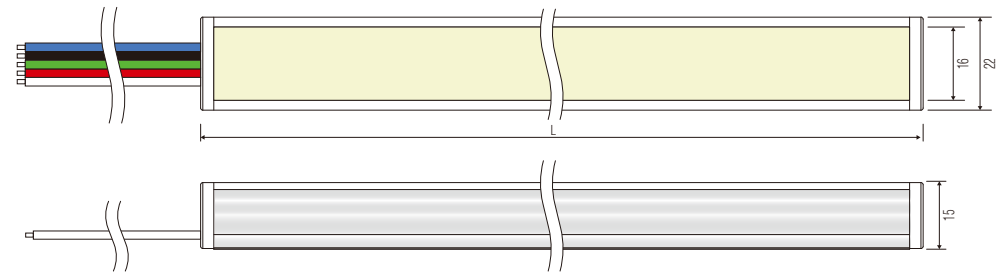


EN1615

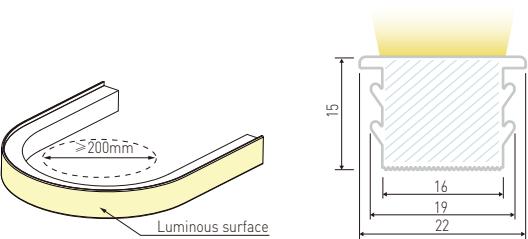
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP44 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥ 30000 hours.



Dimension



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



Min bending diameter

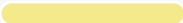
Unit: mm
Cross section

Power(w/m)	Efficacy(lm/w)@4000K	Max Ambient Temperature
10 w/m	57.1lm/w	45 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2400K±150	>90	DC24V	10	488	48.8	50	17(CC)	CC/CV
2600K±150	>90	DC24V	10	560	56	50	17(CC)	CC/CV
3000K±150	>90	DC24V	10	607	60.7	50	17(CC)	CC/CV
4100K±200	>90	DC24V	10	663	66.3	50	17(CC)	CC/CV
6000K±300	>90	DC24V	10	630	63	50	17(CC)	CC/CV
R	--	DC24V	10	256	25.6	50	18(CC)	CC/CV
G	--	DC24V	10	666	66.6	50	17(CC)	CC/CV
B	--	DC24V	10	157	15.7	50	17(CC)	CC/CV
Yellow	--	DC24V	10	198	19.8	50	18(CC)	CC/CV
Orange	--	DC24V	10	258	25.8	50	17(CC)	CC/CV
Pink	--	DC24V	10	576	57.6	50	17(CC)	CC/CV

CCT Tunable
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	>90	DC24V	5	348	69.6	71.4	5	CV
6300K±300	>90	DC24V	5	366	73.2	71.4	5	CV
2700K + 6300K	>90	DC24V	10	674	67.4	71.4	5	CV

RGB
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	71	21.5	83.33	5	CV
G	--	DC24V	3.3	284	86.1	83.33	5	CV
B	--	DC24V	3.3	56	17.0	83.33	5	CV
RGB	--	DC24V	10	419	41.9	83.33	5	CV



Voltage
24v DC



UV
Protection



Consistency
One Bin



Length
5M



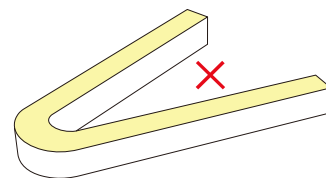
Waterproof Grade
IP 44



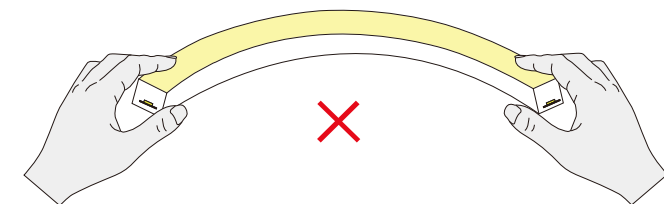
Warranty
3 Years



The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;



 Too sharp

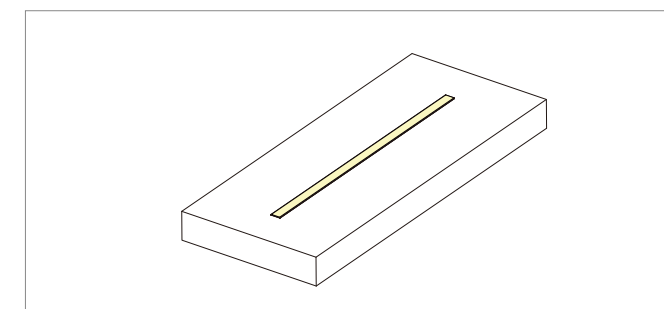


 Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Technical drawing showing a U-shaped component. The top width is labeled 13-14mm. The height of the U-shape is labeled >19mm. Below the U-shape is a long horizontal bar with a break in the middle, indicated by two wavy lines. The left end of the bar is labeled 13-14mm. The right end of the bar has a circular hole with a diameter of 8mm.

A 3D perspective diagram of a mechanical assembly. It features a white rectangular block with a longitudinal slot cut into its top surface. A yellow rod with a black end is positioned above the block, with its black end resting on the top surface of the block, just before the slot begins. The rod is oriented parallel to the length of the block and the slot.

2. Pass the cable of the light through the reserved hole as shown in the figure.



4.Completed.

PARAMETER





BLACK SERIES SILICONE NEON STRIP

N1615B/N1220B/NR25B

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

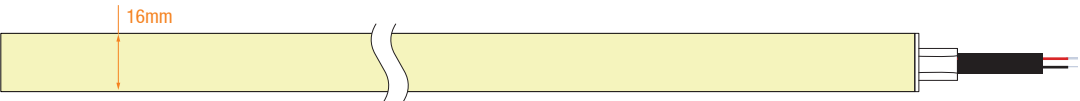
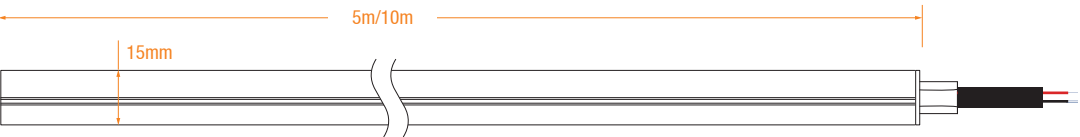
 2700 K	 3000 K	 3500 K	 4000 K	 5000 K	 6000 K	 TW
 R	 G	 B	 Amber	 RGB	 RGBW	

N1615B

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



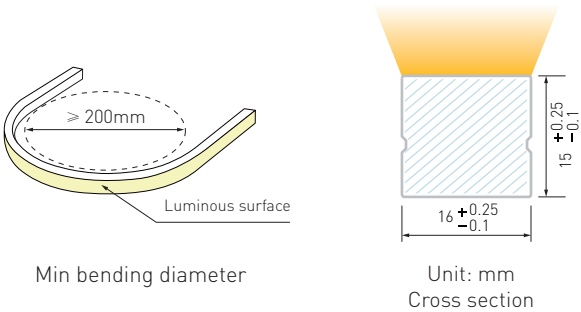
Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65 C
Storage Temperature	-25 C ~ 60 C
Ambient Temperature	Min.-25°C, Max [Table below]
CRI	≥90

Power(w/m)	5w/m	10w/m	15w/m
Efficacy(lm/w)@4000K	2.2lm/w	2lm/w	2lm/w
Max Ambient Temperature	55 C	45 C	35 C

- Note:**
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT Tunable

PARAMETER



RGB

PARAMETER



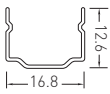
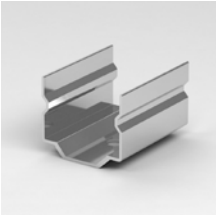
CCT(K)	CRI	SDCM (IEC60081)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700	≥90	<5	DC24V	10	158	15.8	50	17(CC)	CC/CV
3000	≥90	<5	DC24V	10	153	15.3	50	17(CC)	CC/CV
3500	≥90	<5	DC24V	10	162	16.2	50	17(CC)	CC/CV
4000	≥90	<5	DC24V	10	158	15.8	50	17(CC)	CC/CV
5000	≥90	<5	DC24V	10	155	15.5	50	17(CC)	CC/CV
6500	≥90	<5	DC24V	10	145	14.5	50	17(CC)	CC/CV
Red	--	--	DC24V	10	73	7.3	50	18(CC)	CC/CV
Green	--	--	DC24V	10	149	14.9	50	17(CC)	CC/CV
Blue	--	--	DC24V	10	27	2.7	50	17(CC)	CC/CV
Yellow	--	--	DC24V	10	51	5.1	50	18(CC)	CC/CV
Orange	--	--	DC24V	10	64	6.4	50	18(CC)	CC/CV
Pink	--	--	DC24V	10	149	14.9	50	17(CC)	CC/CV

CCT(K)	CRI	SDCM (IEC60081)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700	≥90	<5	DC24V	5	95	18.9	83.3	5	CV
6500	≥90	<5	DC24V	5	87	17.4			
4000±300	≥90	--	DC24V	10	181	18.1			

CCT(K)	CRI	SDCM (IEC60081)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	--	DC24V	3.3	19	5.9	83.3	5	CV
G	--	--	DC24V	3.3	61	18.5			
B	--	--	DC24V	3.3	9	2.7			
RGB	--	--	DC24V	10	90	9.0			

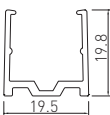
Accessories

Mounting Clips



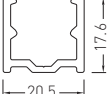
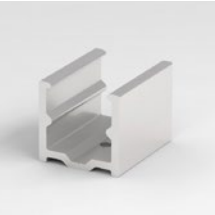
Dimension:
20x12.6x16.8mm

PC Profile



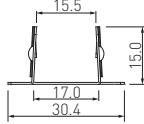
Dimension:
1000(±5)x19.5x19.8mm

Aluminium Mounting clips



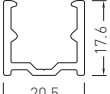
Dimension:
20x20.5x17.6mm

Curved aluminum profile



Dimension:
51.4x30.4x15mm

Aluminium Profile



Dimension:
1000(±5)x20.5x17.6mm

Suspension Installation



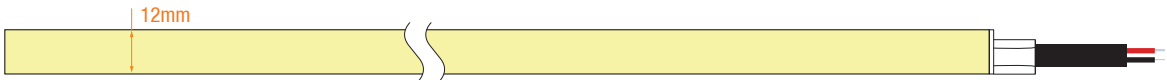
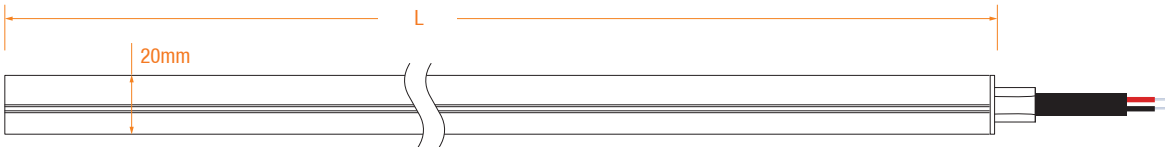
Use with the profile

N1220B

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



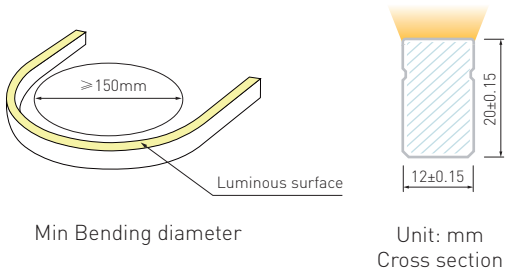
Dimension



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

Power(w/m)	5w/m	10w/m	15w/m
Efficacy(lm/w)@4000K	2lm/w	1.87lm/w	1.8lm/w
Max Ambient Temperature	55 C	45 C	35 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	SDCM (IEC60081)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700	≥90	<5	DC24V	10	158	15.8	50	17 (CC)	CC/CV
3000	≥90	<5	DC24V	10	153	15.3	50	17 (CC)	CC/CV
3500	≥90	<5	DC24V	10	162	16.2	50	17 (CC)	CC/CV
4000	≥90	<5	DC24V	10	158	15.8	50	17 (CC)	CC/CV
5000	≥90	<5	DC24V	10	155	15.5	50	17 (CC)	CC/CV
6500	≥90	<5	DC24V	10	145	14.5	50	17 (CC)	CC/CV
Red	--	--	DC24V	10	73	7.3	50	18 (CC)	CC/CV
Green	--	--	DC24V	10	149	14.9	50	17 (CC)	CC/CV
Blue	--	--	DC24V	10	27	2.7	50	17 (CC)	CC/CV
Yellow	--	--	DC24V	10	51	5.1	50	18 (CC)	CC/CV
Orange	--	--	DC24V	10	64	6.4	50	18 (CC)	CC/CV
Pink	--	--	DC24V	10	149	14.9	50	17 (CC)	CC/CV

CCT Tunable

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
WW	≥90	DC24V	5	9	1.8	50	5	CV
W	≥90	DC24V	5	8.5	1.7	50	5	CV
W+WW	≥90	DC24V	10	17	1.7	50	5	CV

RGB

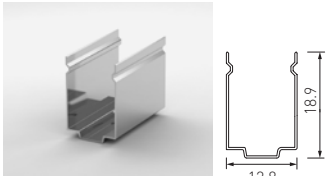
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	2.31	0.7	62.5	5	CV
G	--	DC24V	3.3	4.29	1.3	62.5	5	CV
B	--	DC24V	3.3	0.66	0.2	62.5	5	CV
RGB	--	DC24V	10	7	0.7	62.5	5	CV

Accessories

Mounting Clips



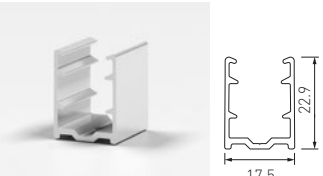
Dimension:
20x12.8x18.9mm

Suspension Installation



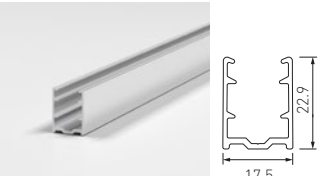
Use with the profile

Aluminium Mounting clips



Dimension:
20x17.5x22.9mm

Aluminium Profile



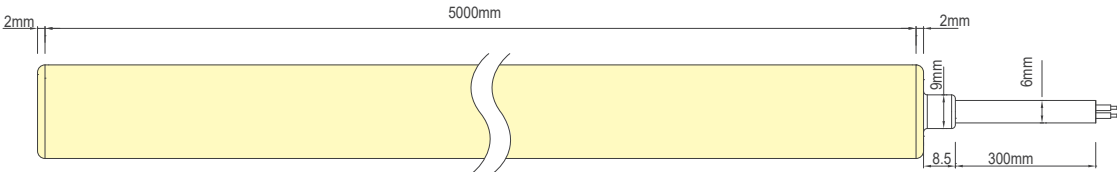
Dimension:
1000(±5)x17.5x22.9mm

NR25B

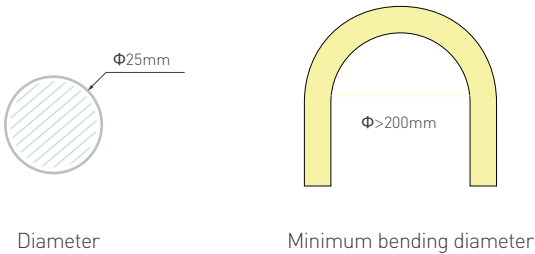
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow. IP65 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique



Dimension



Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65 C
Storage Temperature	0°C~60°C
Ambient Temperature	Min.-25°C,Max [Table below]
CRI	≥90



- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Photoelectric parameters (5W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
Single color 5W	2400±150	37	7.4	24	90	/	5M
	2700±150	38	7.6				
	3000±150	40	8				
	3500±200	39	7.9				
	4000±300	39	7.8				
	5000±300	37	7.4	24	/	/	5M
	R: 620-630nm	19	3.8				
	G: 520-530nm	36	7.2				
	B: 465-475nm	4.6	0.9				
	Y: 585-595nm	14	2.8				
Tunable white 5W	Pink	30	6	24	90	/	5M
	3000 (WW+W)	31	6				
	4000 (W)	15	5.9				
RGB 5W	2300 (WW)	16	6.5	24	/	/	5M
	R: 620-630nm	2.7	2.6				
	G: 520-530nm	7.5	1.8				
	B: 465-475nm	1.1	5.2				
	RGB	11.4	0.7				

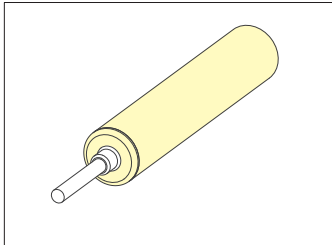
Photoelectric parameters (10W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
Single color 10W	2400±150	75	7	24	90	/	5M
	2700±150	78	7.4				
	3000±150	83	7.8				
	3500±200	82	7.8				
	4000±300	80	7.7				
	5000±300	75	7.2	24	/	/	5M
	R: 620-630nm	40	3.8				
	G: 520-530nm	73	6.5				
	B: 465-475nm	12	1.1				
	Y: 585-595nm	29	2.8				
Tunable white 10W	Pink	62	5.8	24	90	/	5M
	3000 (WW+W)	64	6.2				
	4000 (W)	31	6				
RGB 10W	2300 (WW)	33	6.4	24	/	/	5M
	R: 620-630nm	4.6	2.5				
	G: 520-530nm	15	2				
	B: 465-475nm	1.7	4.6				
	RGB	21	0.6				

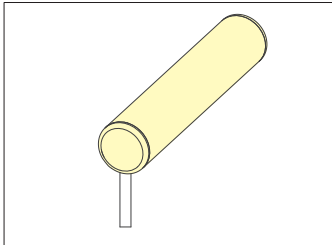
Photoelectric parameters (16W)

Power (W)	CCT	Lumens (LM/M)	Efficacy (LM/W)	Voltage (v)	CRI (Ra)	Unit cut (mm)	Max. productive length (M)
RGB	R: 620-630nm	2.6	0.6	24	/	/	5M
	G: 520-530nm	5.7	1.8				
	B: 465-475nm	19.4	4.8				
+ W	RGB	29.3	2.4	24	90	/	5M
	2200±100K	24.2	6.1				
	2700±100K	26.6	6.6				
	3000±100K	25.9	6.5				
	4000±200K	25.7	6.4				
	4500±200K	25.1	6.3				

Cable Entry

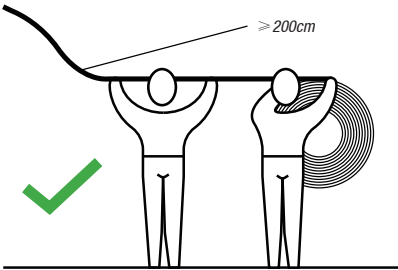


Cable entry: Front

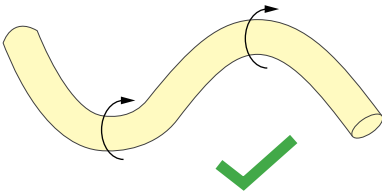


Side Cable Entry

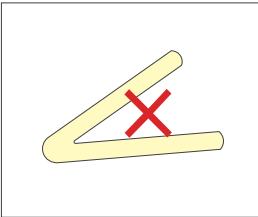
Installation/Use Precautions



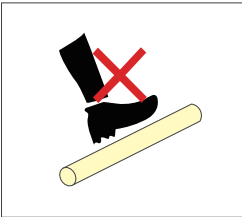
When the length of the strip is longer than 2 meters, have two people work together to install it.



Bending diameter must be greater than 200mm



Small Angle bending is prohibited



Prohibit trample

Tests show that formaldehyde and benzene substances will make silicone products yellowing. If the silicone products are used in the indoor environment of new decoration, epoxy floor paint, wall paint, wallpaper adhesive, all kinds of decoration materials, or new furniture, are likely to release formaldehyde and benzene substances. In order to avoid silicone material affected, it is suggested that the use of the environment after the completion of the new decoration, formaldehyde and benzene should be removed first, or it should be ventilated for a period of time before installing the strip.

Accessories



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



PC Profile
Material: PC
Color: Transparent
Size: 25x30x1000mm
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A
Material: Aluminum Alloy
Color: Black
Size: Φ38x41mm
Noted: With screws, plastic plugs



Lift Fixtures B
(For single color product use ONLY)
Material: Aluminum Alloy
Color: Black
Size: Φ5x92mm
Noted: With screws, plastic plugs



Connector for Side outlet
Material: Aluminum Alloy
Color: Black
Size: Φ27.6x37mm
Noted: With screws



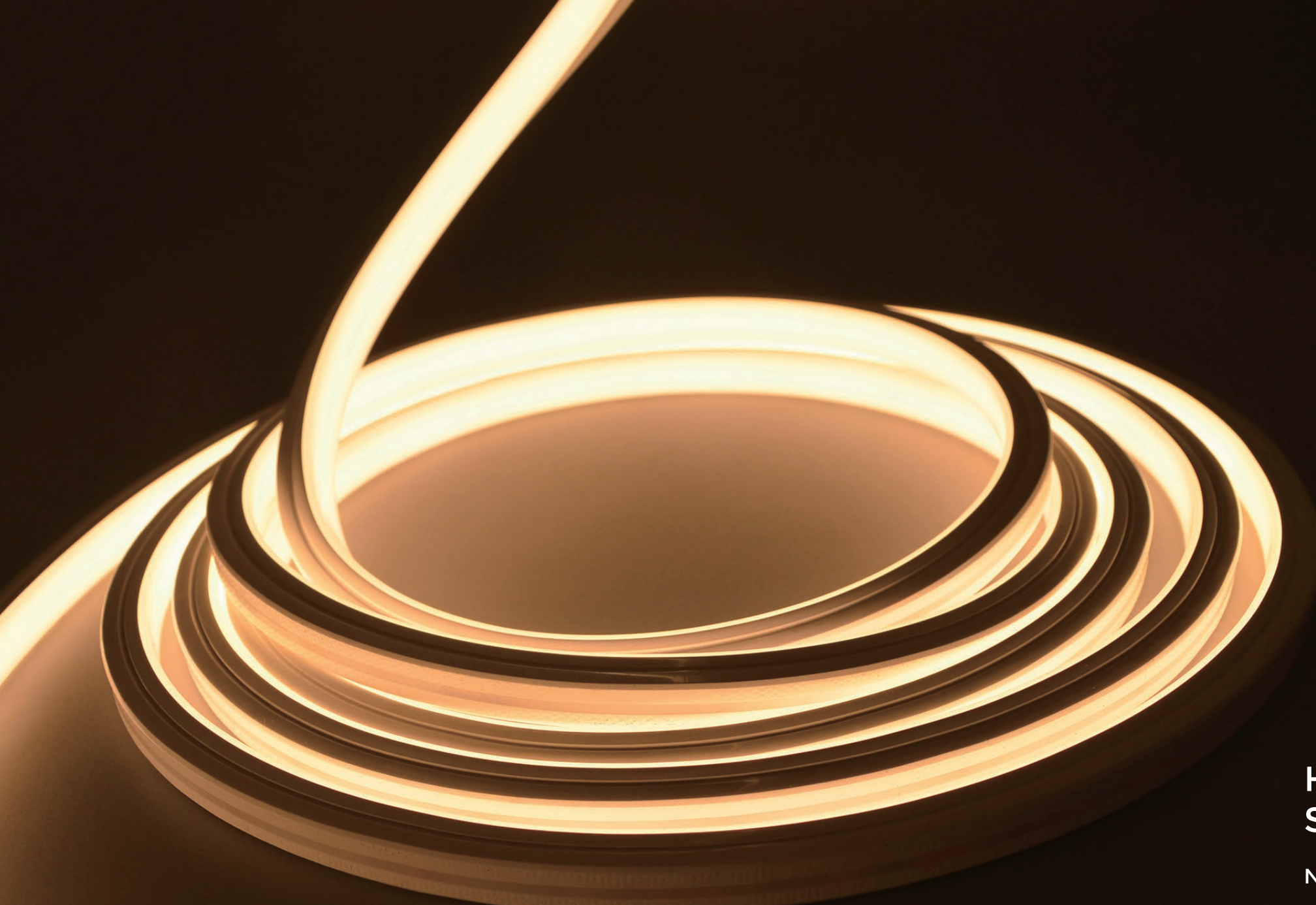
Connector
Material: Aluminum Alloy
Color: Black
Size: Φ27.6x37mm
Noted: With screws



U-shaped Lift Fixtures
Material: Aluminum Alloy
Color: Black
Size: Φ38x41mm
Noted: With screws, plastic plugs



Hanging Rope
Material: Stainless Steel
Color: Stainless steel natural color
Size: Φ1.5x1000mm
Noted: With screws, plastic plugs



HIGH-EFFICIENCY SERIES SILICONE NEON STRIP

N1212H/N1615H/N1220H

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

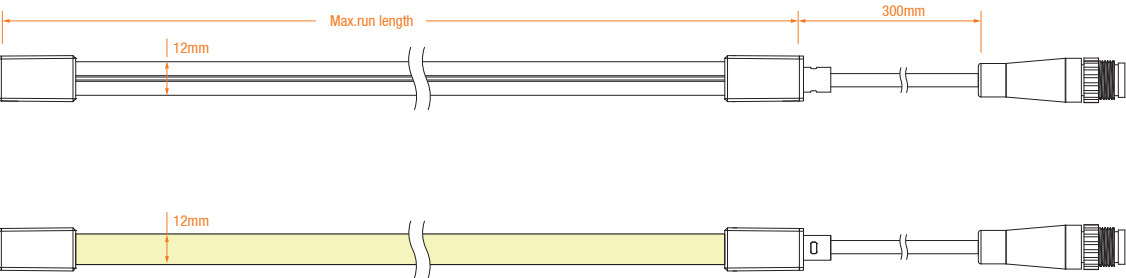


N1212H

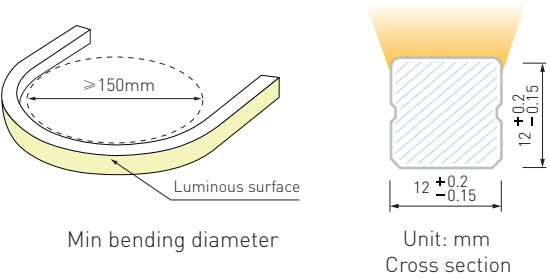
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow. IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent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



Dimension



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



Power(w/m)	5w/m	10w/m
Efficacy(lm/w)@4000K	95lm/w	93lm/w
Max Ambient Temperature	55 C	45 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	820	82	50	8(CC)	CC/CV
3000K±150	≥90	DC24V	10	880	88	50	8(CC)	CC/CV
3500K±200	≥90	DC24V	10	950	95	50	8(CC)	CC/CV
4000K±300	≥90	DC24V	10	930	93	50	8(CC)	CC/CV
5000K±300	≥90	DC24V	10	940	94	50	8(CC)	CC/CV
6000K±300	≥90	DC24V	10	950	95	50	8(CC)	CC/CV

Cable Entry

Front Cable Entry:

The cable could be hidden in all directions by the flexible design.

Integral end cap

Combined end cap

Silicone end cap

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.

Integral closed end cap

Solder free closed end cap

Silicone closed end cap

Accessories

Mounting Clips

Dimension: 20x12.8x12.4mm

Aluminium Mounting clips

Dimension: 20x17.3x14mm

Aluminium Profile

Dimension: 1000(±5)x17.3x14mm

Suspension Installation

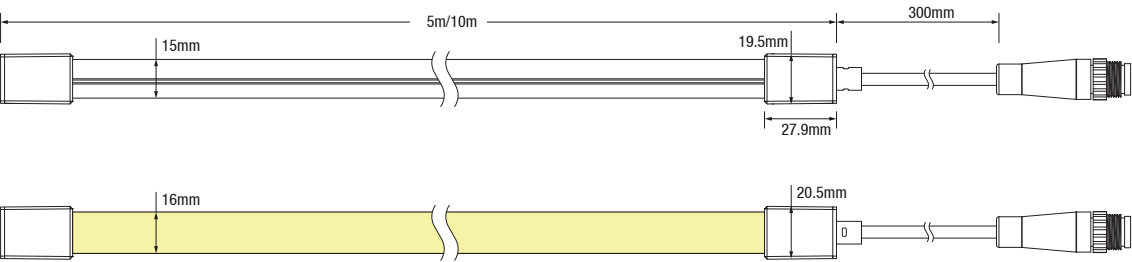
• Use with the profile

N1615H

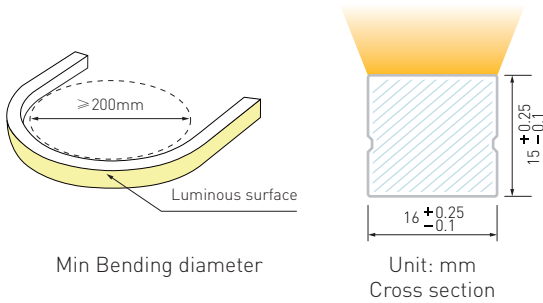
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent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



Dimension



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



Power(w/m)	5w/m	10w/m	15w/m
Efficacy(lm/w)@4000K	84lm/w	82lm/w	78lm/w
Max Ambient Temperature	55 C	45 C	35 C

- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

Warranty
3 Years

Single color

PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	730	73	50	12(CC)	CC/CV
3000K±150	≥90	DC24V	10	770	77	50	12(CC)	CC/CV
3500K±200	≥90	DC24V	10	850	85	50	12(CC)	CC/CV
4000K±300	≥90	DC24V	10	820	82	50	12(CC)	CC/CV
5000K±300	≥90	DC24V	10	900	90	50	12(CC)	CC/CV
6000K±300	≥90	DC24V	10	890	89	50	12(CC)	CC/CV

Cable Entry

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

Integral end cap

Combined end cap

Silicone end cap

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

Integral closed end cap

Solder free closed end cap

Silicone closed end cap

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

Integral closed end cap

Solder free closed end cap

Silicone closed end cap

Accessories

Mounting Clips

Dimension:
20x12.6x16.8mm

Aluminium Mounting clips

Dimension:
20x20.5x17.6mm

Aluminium Profile

Dimension:
1000(±5)x20.5x17.6mm

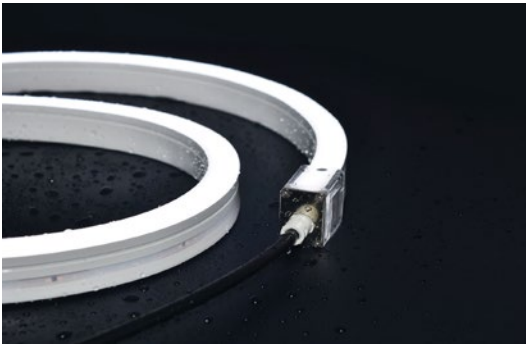
Curved aluminum profile

Dimension:
51.4x30.4x15mm

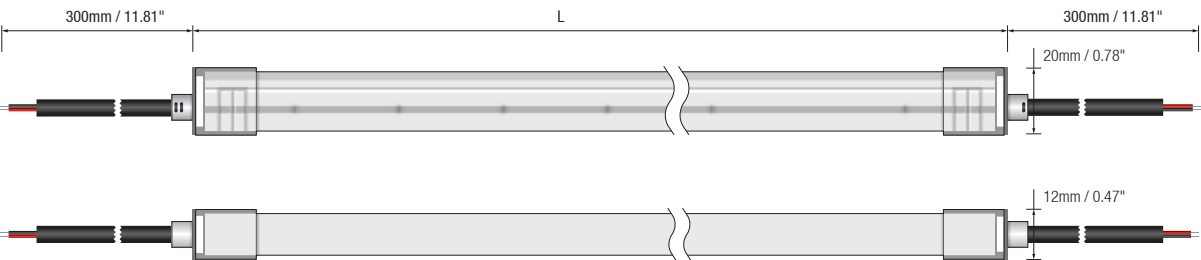
Suspension Installation

N1220H

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

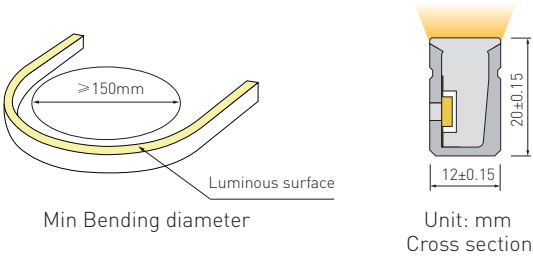


Dimension



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

Power(w/m)	5w/m	10w/m	15w/m
Efficacy(lm/w)@4000K	62lm/w	61lm/w	57lm/w
Max Ambient Temperature	55 C	45 C	35 C



- Note:
- Max. run length refers to single side feed in serial connection.
 - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
 - The given color temperature is the temperature of finished product.



Single color
PARAMETER



CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
2700K±150	≥90	DC24V	10	530	53	50	12(CC)	CC/CV
3000K±150	≥90	DC24V	10	530	53	50	12(CC)	CC/CV
3500K±200	≥90	DC24V	10	580	58	50	12(CC)	CC/CV
4000K±300	≥90	DC24V	10	610	61	50	12(CC)	CC/CV
5000K±300	≥90	DC24V	10	590	59	50	12(CC)	CC/CV
6000K±300	≥90	DC24V	10	590	59	50	12(CC)	CC/CV

Cable Entry

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.

Integral end cap

Combined end cap

Silicone end cap

Integral closed end cap

Solder free closed end cap

Silicone closed end cap

Accessories

Mounting Clips

Dimension:
20x12.8x18.9mm

Aluminium Mounting clips

Dimension:
20x17.5x22.9mm

Aluminium Profile

Dimension:
1000(±5)x17.5x22.9mm

Suspension Installation

• Use with the profile

ERP SERIES SILICONE NEON STRIP

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- IP67 protection level, salt solution resistance, acids & alkalis and UV resistance.

Energy efficiency class	Total mains efficacy η_{TM} (lm/W)
A	$210 \leq \eta_{TM}$
B	$185 \leq \eta_{TM} < 210$
C	$160 \leq \eta_{TM} < 185$
D	$135 \leq \eta_{TM} < 160$
E	$110 \leq \eta_{TM} < 135$
F	$85 \leq \eta_{TM} < 110$
G	$\eta_{TM} < 85$



SMD2835	160LED/M	9.6W	Silicone neon strip
---------	----------	------	---------------------

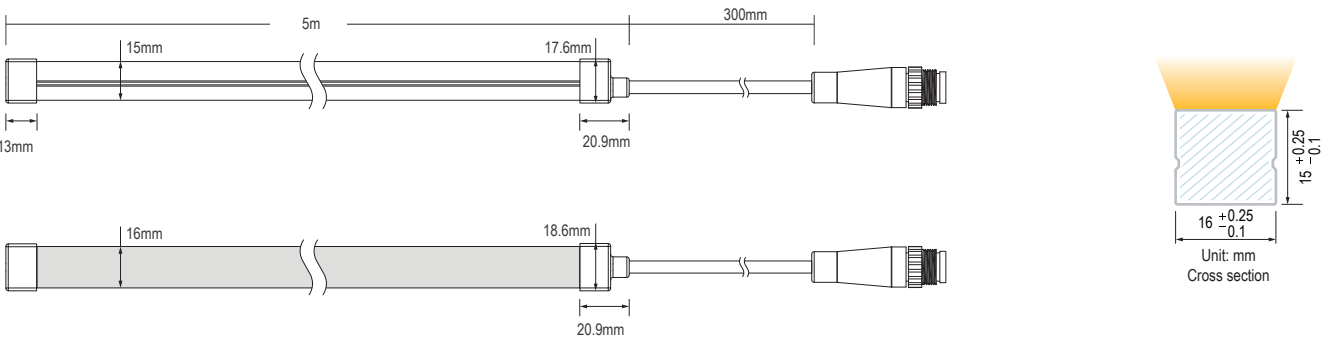
Product Features

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- IP67 protection level, salt solution resistance, acids & alkalis and UV resistance.

CRI
80 +

VOLTAGE
24v DC

Warranty
3 Years



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	0.463/0.42	9.6	4.8	529	110	F
3000K	0.44/0.403			530	110	F
4000K	0.38/0.38			538	112	F
6500K	0.313/0.317			531	111	F



Size: W*H(mm)	12x20
Cutting Size(mm)	50
Voltage (V)	24
LED Type	2835
LED QTY/M	160
CRI	>80
SDCM	<6



Silicone neon strip	2835	160LED/M	9.6W
---------------------	------	----------	------

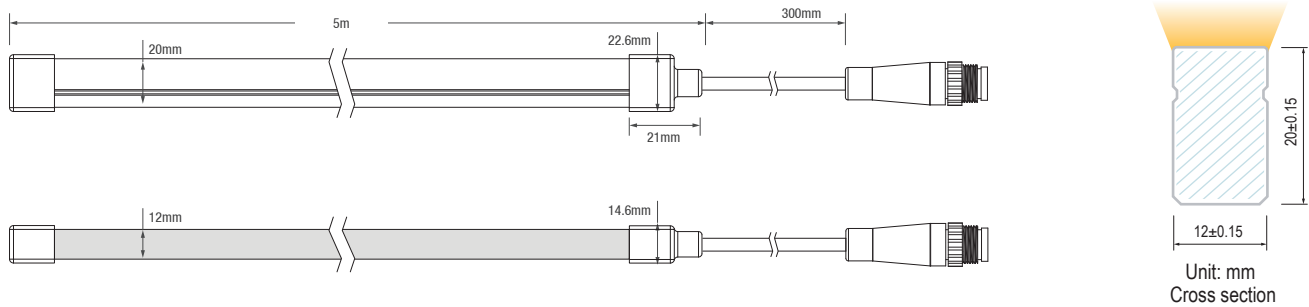
Product Features

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- IP67 protection level, salt solution resistance, acids & alkalis and UV resistance.

CRI
80 +

VOLTAGE
24v DC

Warranty
3 Years



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	0.463/0.42	9.6	4.8	422	88	G
3000K	0.44/0.403			433	90	G
4000K	0.38/0.38			443	92	G
6500K	0.313/0.317			420	88	G



Size: W*H(mm)	12x12
Cutting Size(mm)	50
Voltage (V)	24
LED Type	2835
LED QTY/M	160
CRI	>80
SDCM	<6



Silicone neon strip	SMD2835	160LED/M	9.6W
---------------------	---------	----------	------

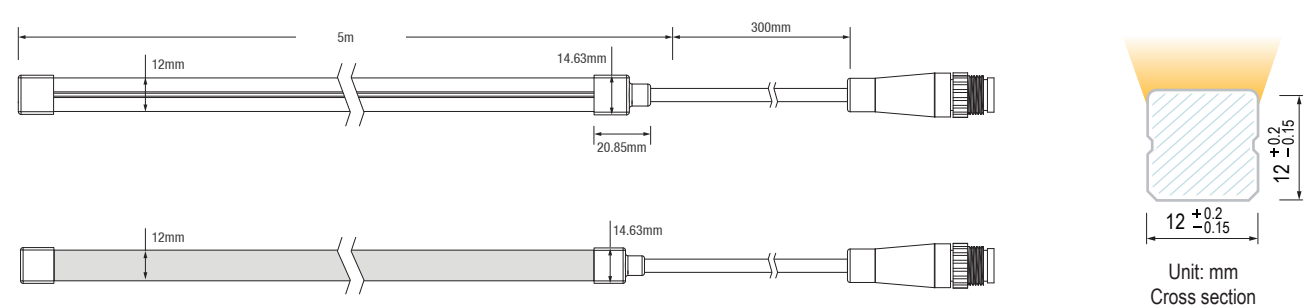
Product Features

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- IP67 protection level, salt solution resistance, acids & alkalis and UV resistance.

CRI
80 +

VOLTAGE
24v DC

Warranty
3 Years



CCT	Chromaticity coordinates (x and y)	Power (W/M)	Power (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	0.463/0.42	9.6	4.8	519	108	F
3000K	0.44/0.403			543	113	F
4000K	0.38/0.38			557	116	F
6500K	0.313/0.317			556	116	F



MAGIC SERIES SILICONE NEON STRIP

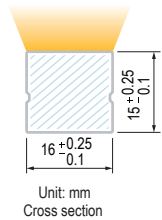
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥ 30000 hours;

DMX512 Pixel / SPI Pixel

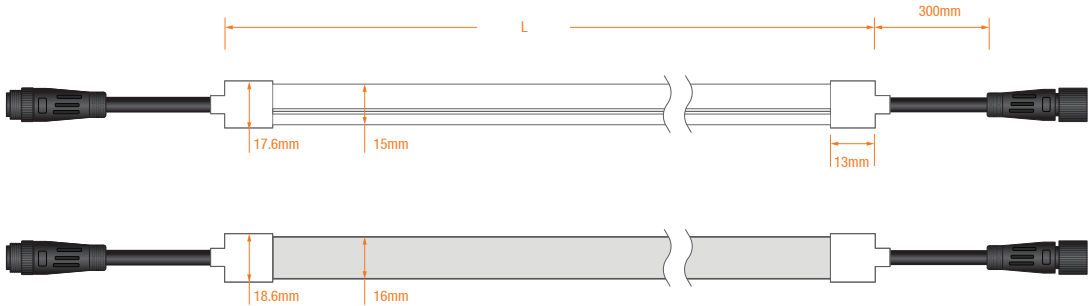


DMX512 Pixel N1615

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1615



Cable

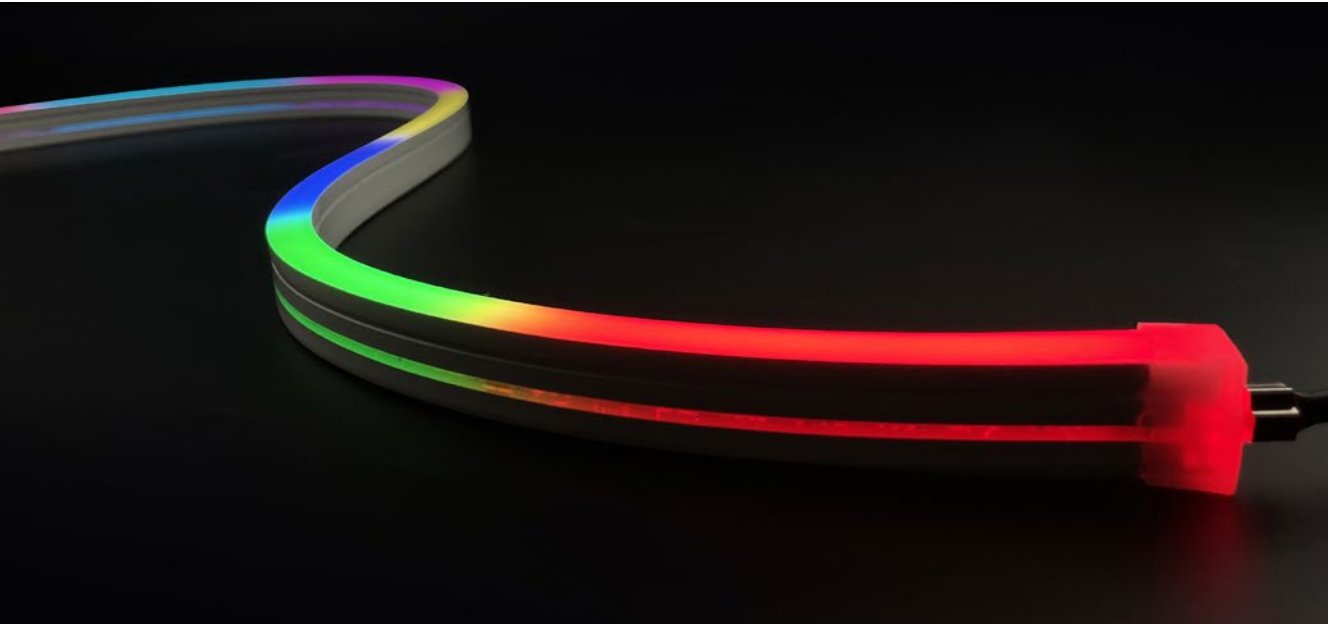
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	●●●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	●●●●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm	●●●○●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm	●●●	SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm	●●●●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm	●●●○●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1615V24-Crgb-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	51	10.6	8	125	DMX512	UCS512C2L
	4.8	G	191	39.8				
	4.8	B	32	6.7				
	12	RGB	266	22.2				

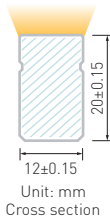
RGBW (N1615V24-Crgbw-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	44	9.2	8	125	DMX512	UCS512C2L
	4.8	G	119	24.8				
	4.8	B	34	7.1				
	4.8	W(4000K)	153	31.9				
	15	RGBW	329	21.9				

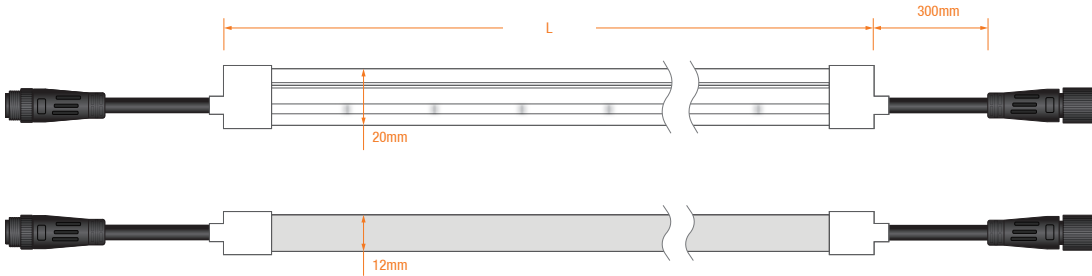


DMX512 Pixel N1220

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1220



Cable

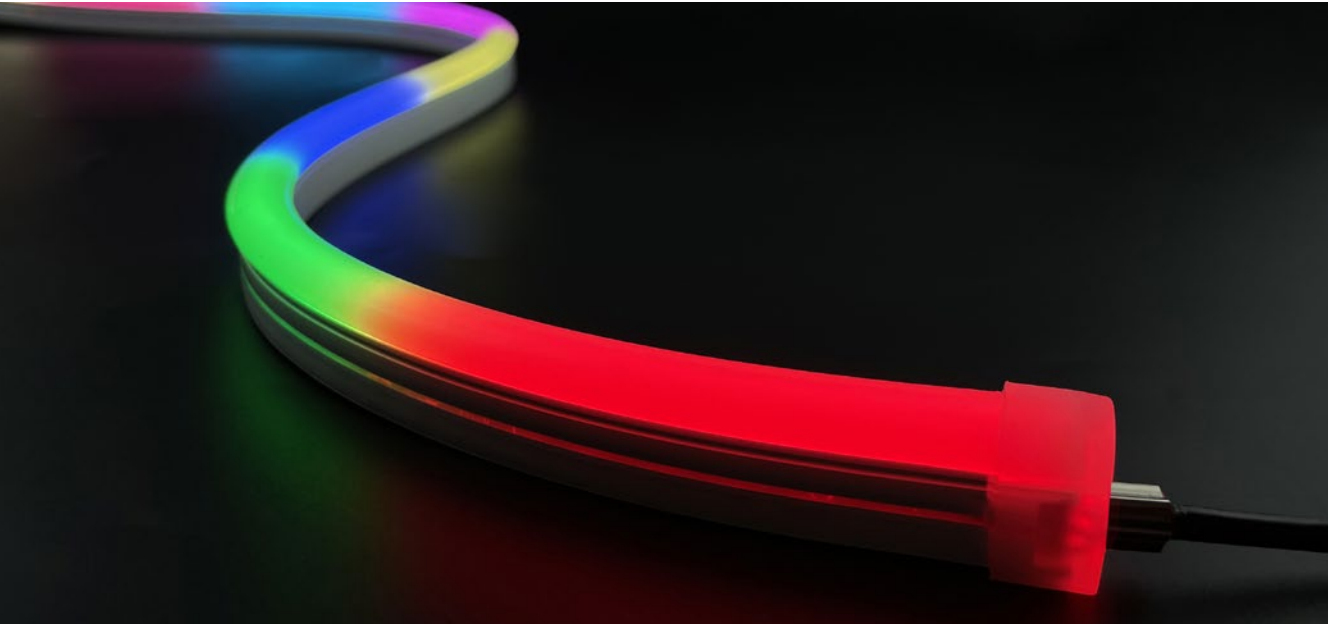
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm		Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm		DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm		SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm		Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm		DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1220V24-Crgb-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	30	6.3	8	125	DMX512	UCS512C2L
	4.8	G	115	24.0				
	4.8	B	20	4.2				
	12	RGB	161	13.4				

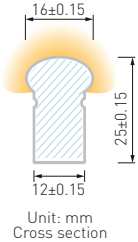
RGBW (N1220V24-Crgbw-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	28	5.8	8	125	DMX512	UCS512C2L
	4.8	G	80	16.7				
	4.8	B	16	3.3				
	4.8	W(4000K)	96	20.0				
	15	RGBW	211	14.1				

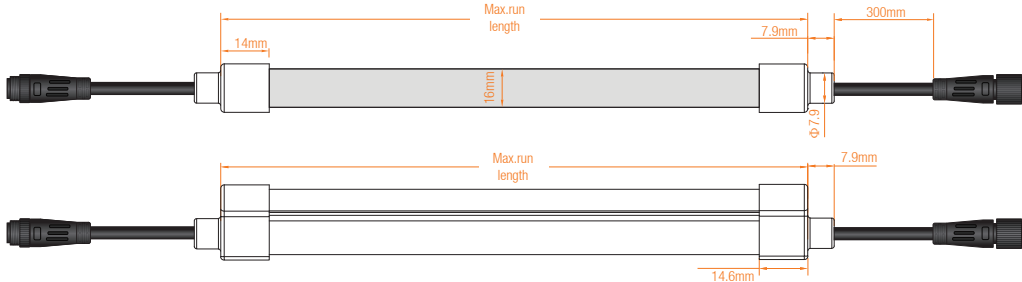


DMX512 Pixel N1225

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1225



Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm	● ● ●	SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1225V24-Crgb-DXM512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	27	5.6	8	125	DMX512	UCS512C2L
	4.8	G	107	22.3				
	4.8	B	19	4.0				
	12	RGB	148	12.3				

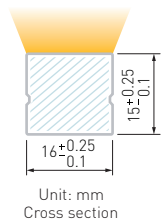
RGBW (N1225V24-Crgbw-DXM512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	26	5.4	8	125	DMX512	UCS512C2L
	4.8	G	74	15.4				
	4.8	B	23	4.8				
	4.8	W(4000K)	90	18.8				
	15	RGBW	208	13.9				

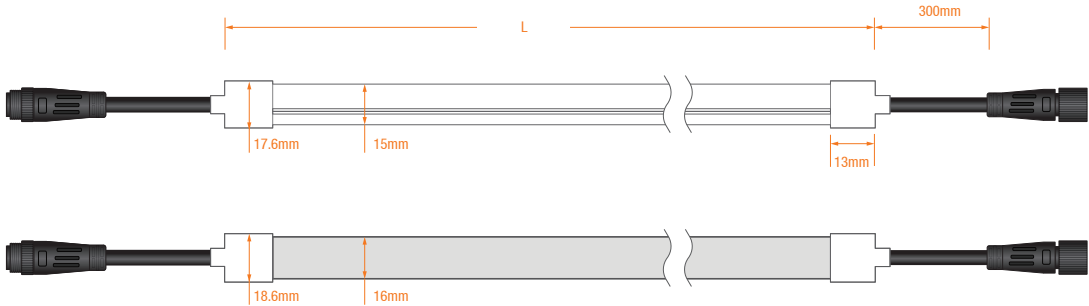


SPI Pixel N1615

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1615



Cable

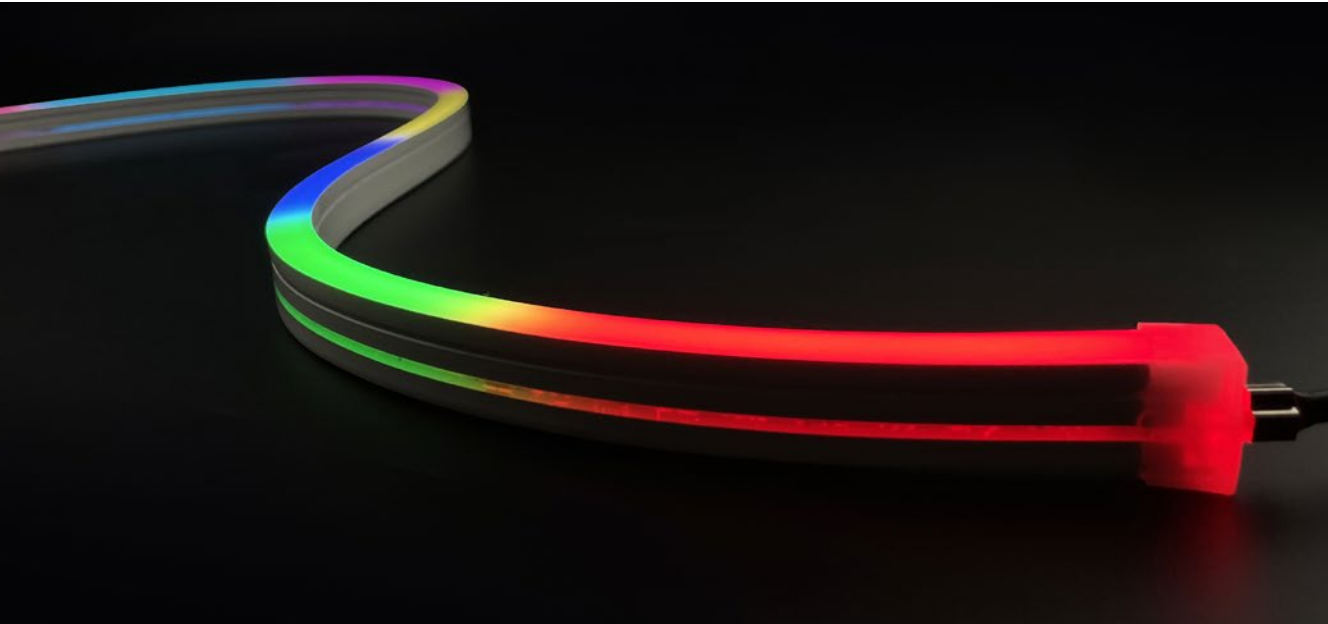
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm	● ● ●	SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1615V24-Crgb-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	48	9.6	8	125	Breakpoint Transmission	UCS2603/WS2818
	5	G	184	36.8				
	5	B	32	6.4				
	12	RGB	262	21.8				

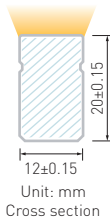
RGBW (N1615V24-Crgbw-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	42	8.8	8	125	SPI	UCS2904
	4.8	G	117	24.4				
	4.8	B	36	7.5				
	4.8	W(4000K)	162	33.8				
	14.5	RGBW	342	23.6				

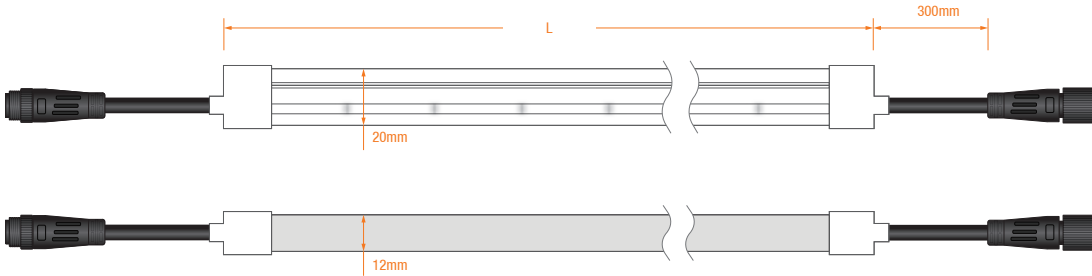


SPI Pixel N1220

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1220



Cable

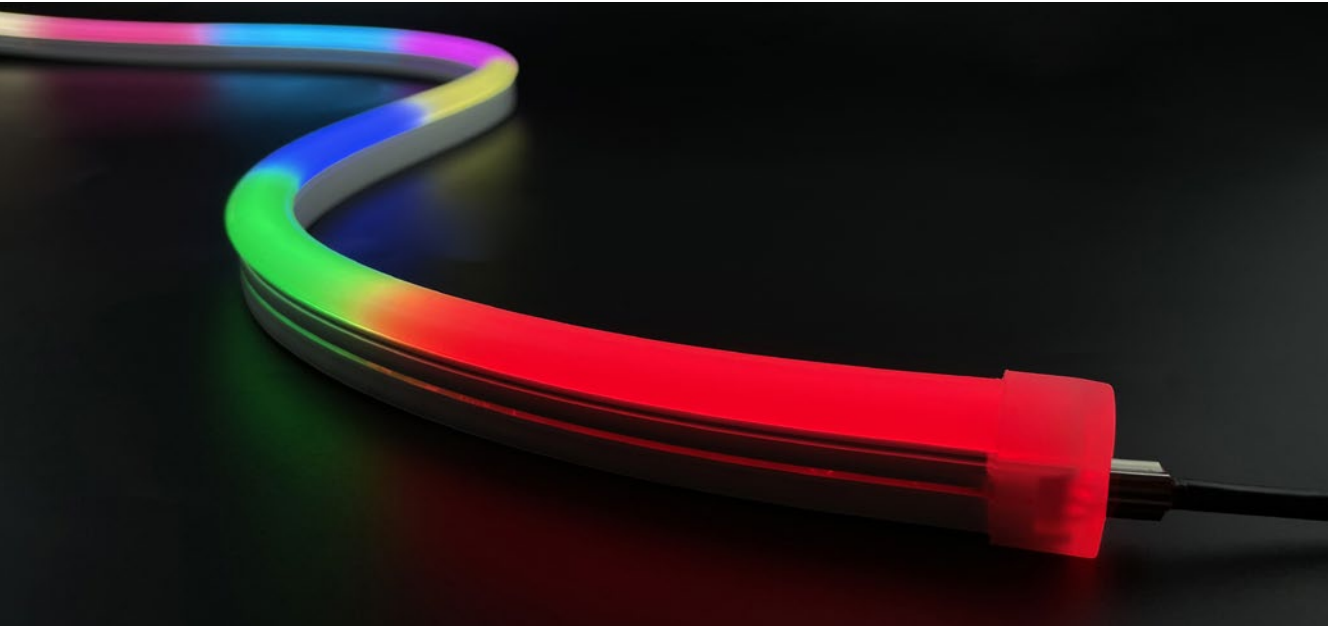
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm		Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm		DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm		SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm		Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm		DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1220V24-Crgb-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	28	5.6	8	125	Breakpoint Transmission	UCS2603/WS2818
	5	G	110	22.1				
	5	B	20	4.0				
	12	RGB	159	13.2				

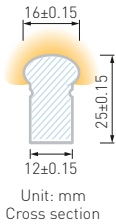
RGBW (N1220V24-Crgbw-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	29	6.0	8	125	SPI	UCS2904
	4.8	G	78	16.3				
	4.8	B	23	4.8				
	4.8	W(4000K)	96	20.0				
	14.5	RGBW	218	15.0				

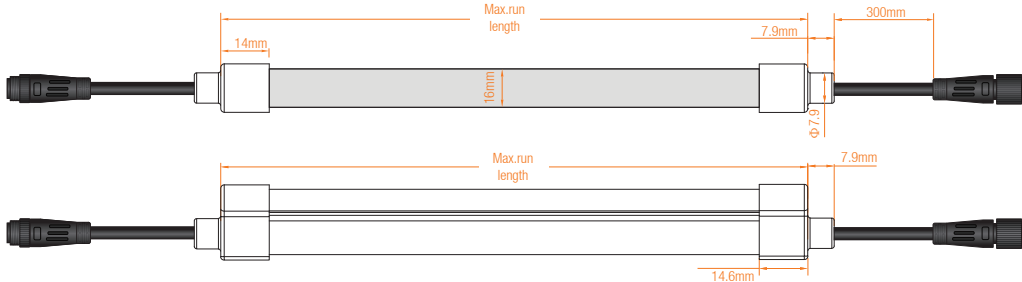


SPI Pixel N1225

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1225



Cable

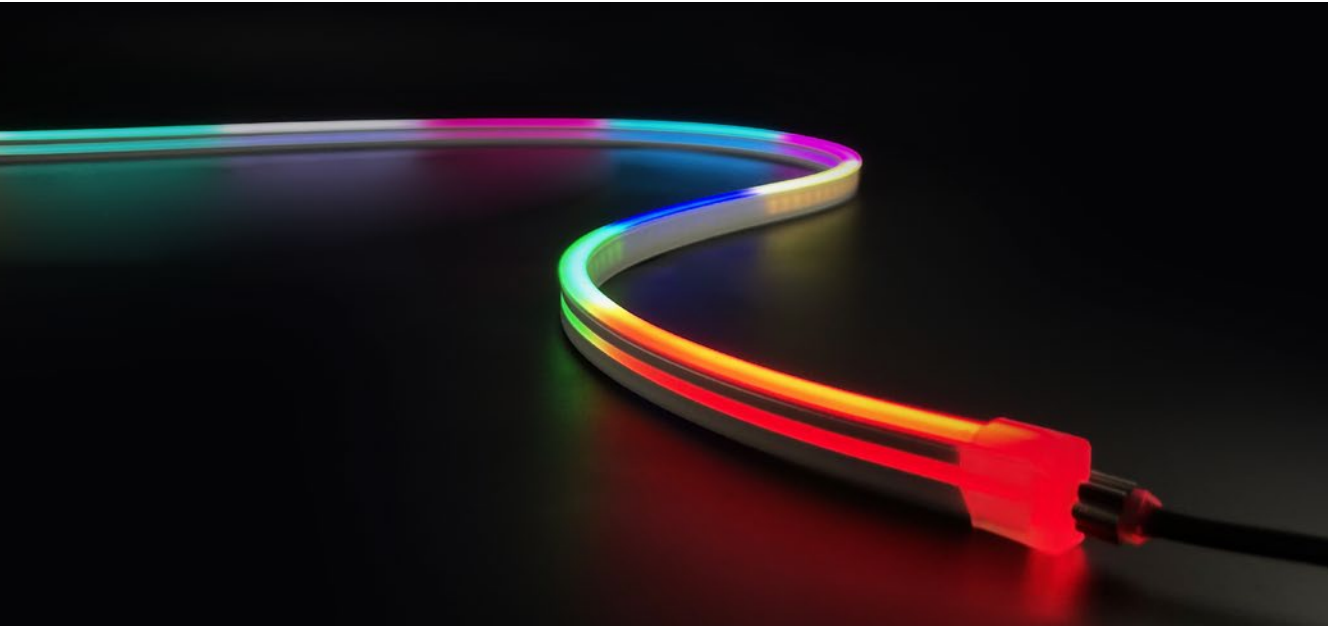
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 5.5mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-
Silicone Cable		OD: 5.0mm	● ● ●	SPI: RedV+, GreenDI/DO, BlackV-
		OD: 6.0mm	● ● ● ●	Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV-
		OD: 6.0mm	● ● ● ○ ●	DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-

RGB (N1225V24-Crgb-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	25	5.0	8	125	Breakpoint Transmission	UCS2603/WS2818
	5	G	102	20.4				
	5	B	19	3.8				
	12	RGB	145	12.1				

RGBW (N1225V24-Crgbw-UCS2904)

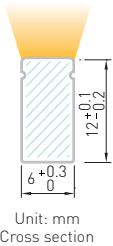
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	24	5.0	8	125	SPI	UCS2904
	4.8	G	72	15.0				
	4.8	B	22	4.6				
	4.8	W(4000K)	87	18.1				
	14.5	RGBW	200	13.8				

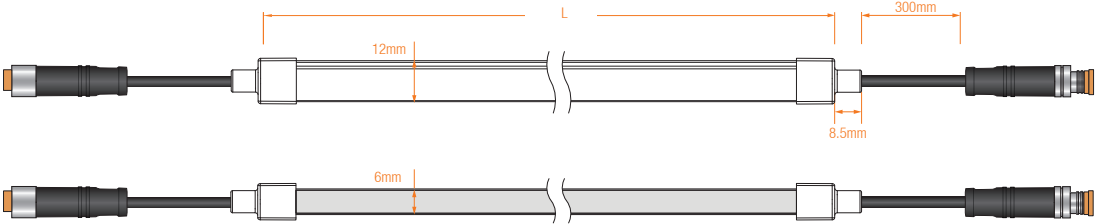




SPI Pixel N0612

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;





Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 4.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

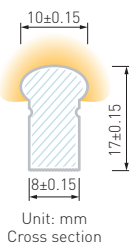
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	42	8.8	10	100	SPI	WS2811
	4.8	G	122	25.4				
	4.8	B	22	4.6				
	12.5	RGB	162	13.0				

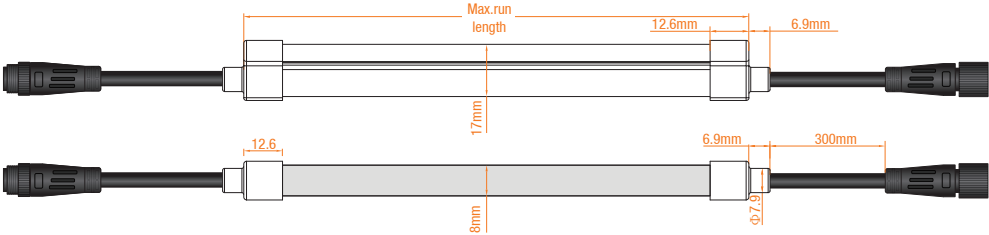




SPI Pixel N0817

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;





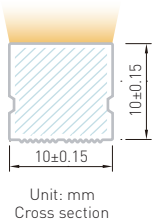
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	36	7.5	10	100	SPI	WS2811
	4.8	G	114	23.8				
	4.8	B	19	4.0				
	12.5	RGB	152	12.2				

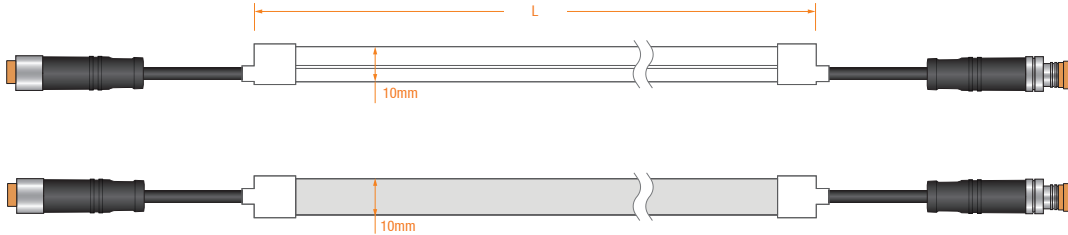


SPI Pixel N1010

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1010-Crgb



Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 4.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

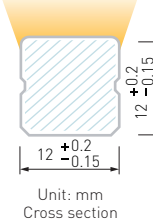
RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	69	14.4	10	100	SPI	WS2811
	4.8	G	216	45.0				
	4.8	B	35	7.3				
	12.5	RGB	304	24.3				

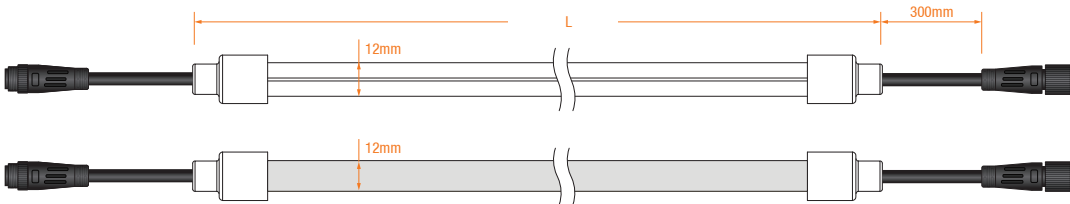


SPI Pixel N1212

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:N1212-Crgb

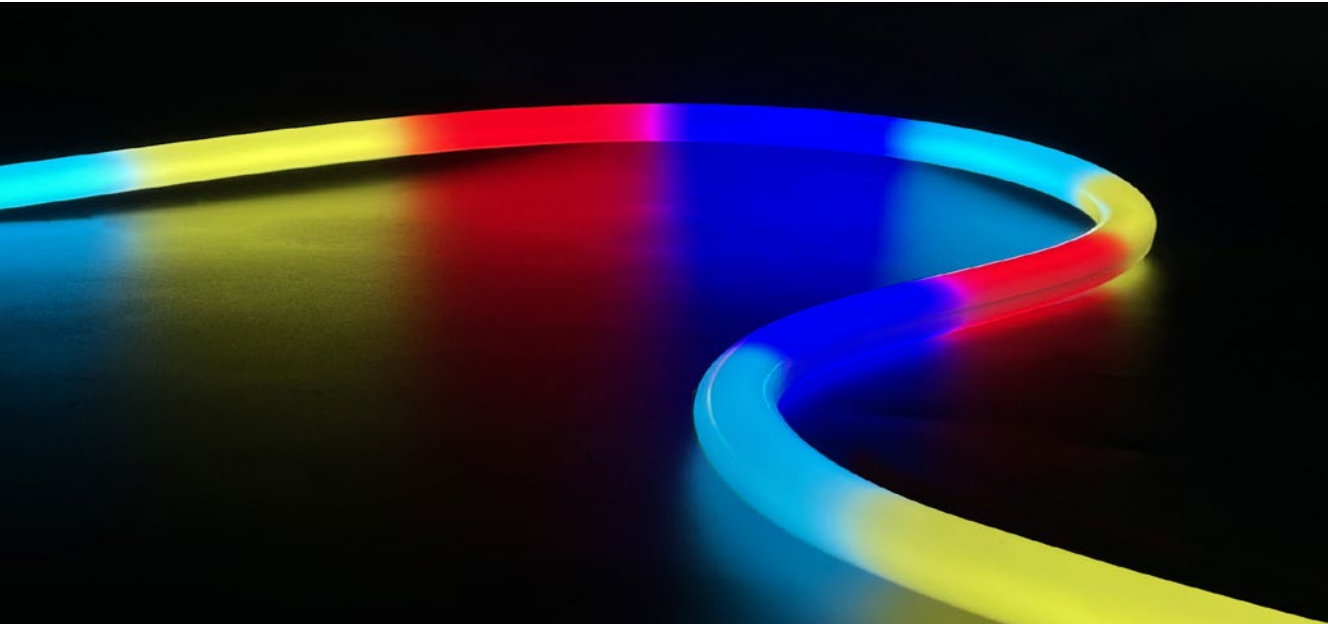


Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

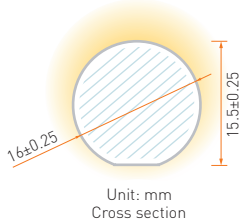
RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	60	12.5	10	100	SPI	WS2811
	4.8	G	194	40.4				
	4.8	B	33	6.9				
	12.5	RGB	266	21.3				

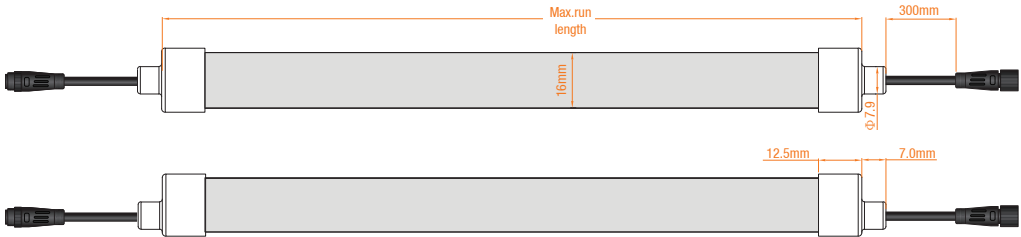


SPI Pixel ND16

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:ND16-Crgb

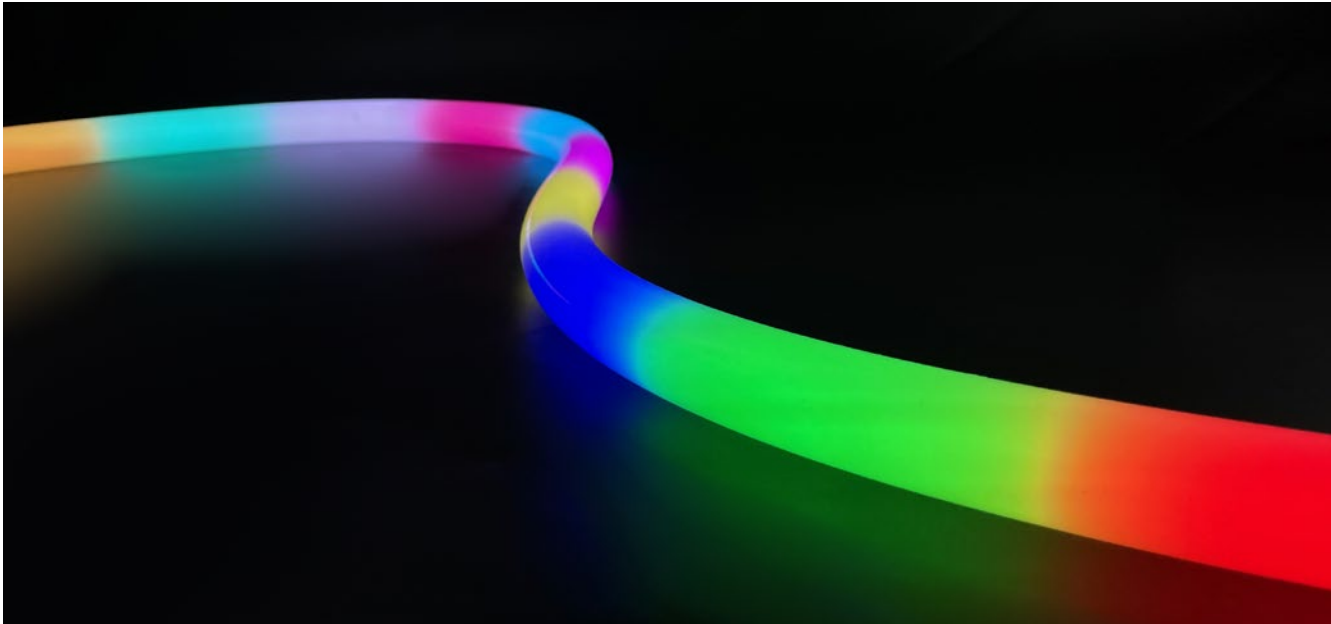


Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

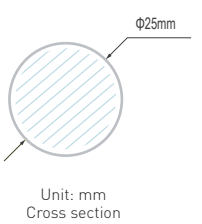
RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	69	14.4	10	100	SPI	WS2811
	4.8	G	219	45.6				
	4.8	B	41	8.5				
	12.5	RGB	294	23.5				

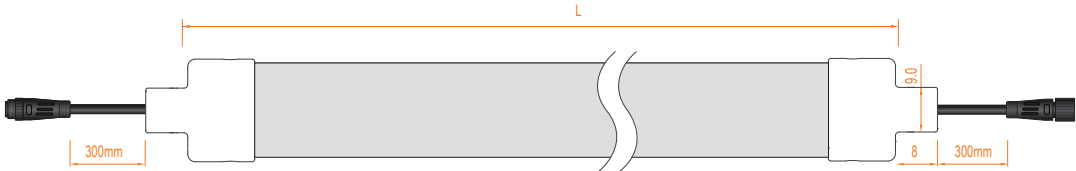


SPI Pixel NR25

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model:NR25-Crgb



Cable

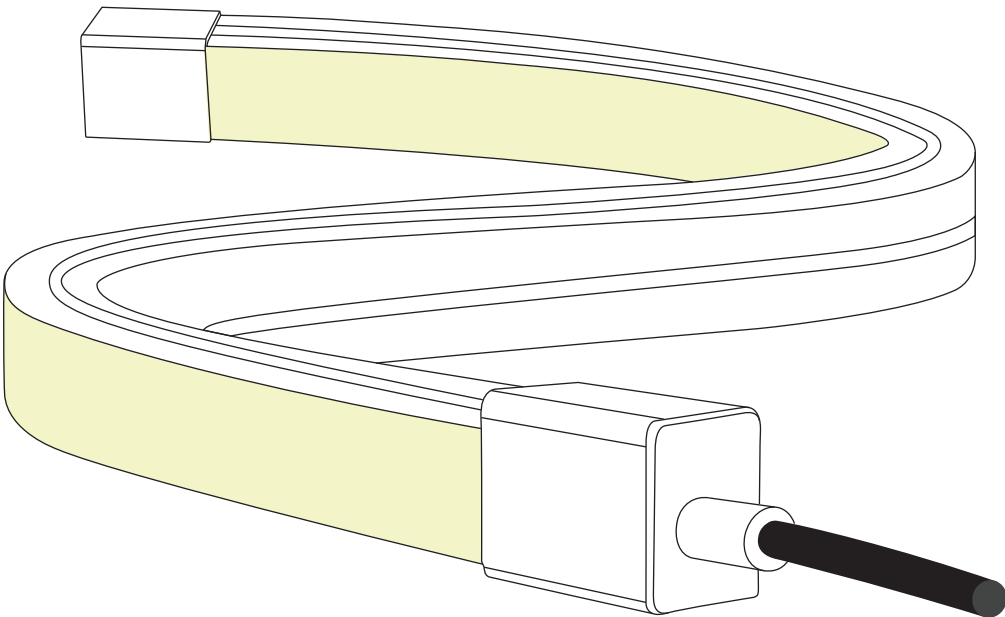
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-
Silicone Cable		OD: 5.0mm	● ● ●	SPI: Red V+, Green DI/DO, Black V-

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	9.6	R	112	11.7	10	100	SPI	WS2811
	9.6	G	350	36.5				
	9.6	B	54	5.6				
	25	RGB	474	19.0				

SILICONE NEON STRIP

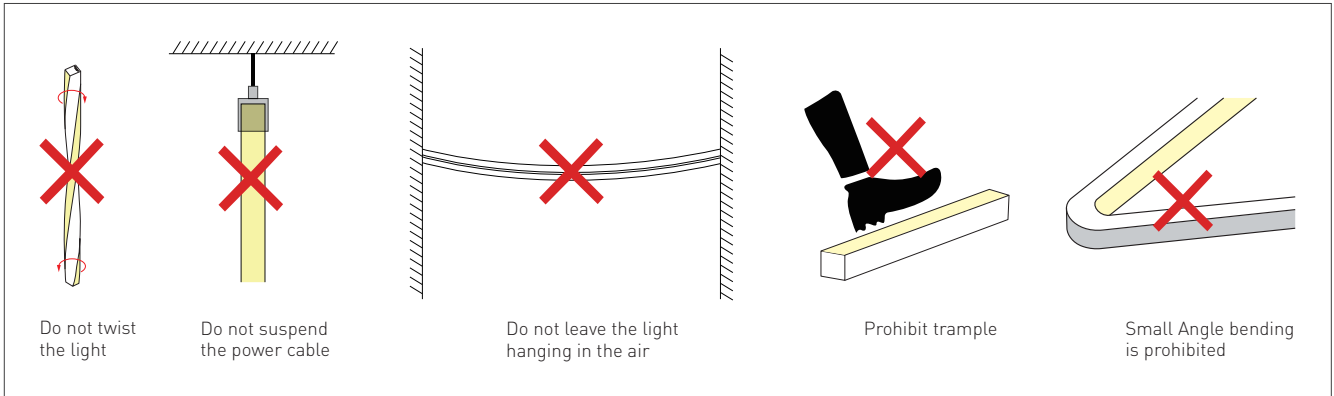
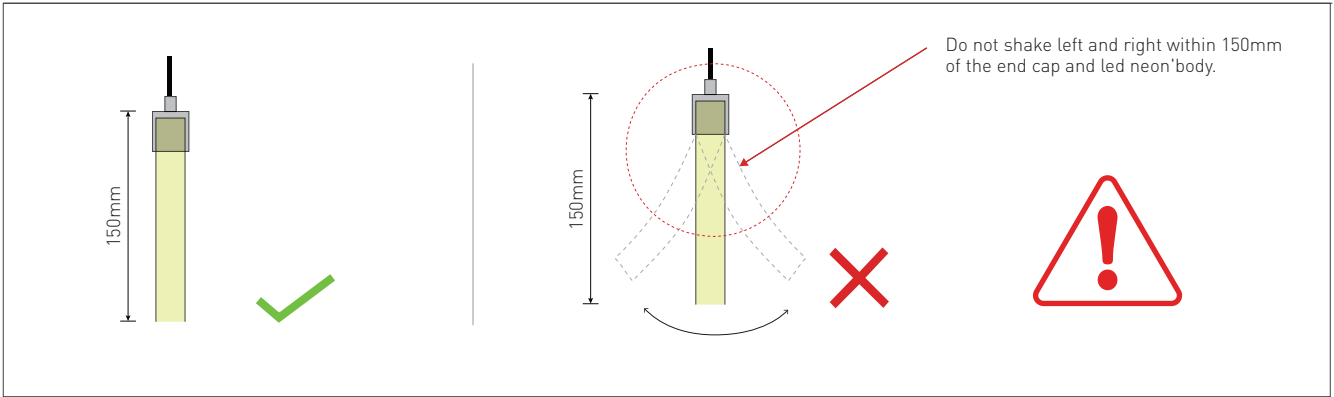
Installation **Top bend**



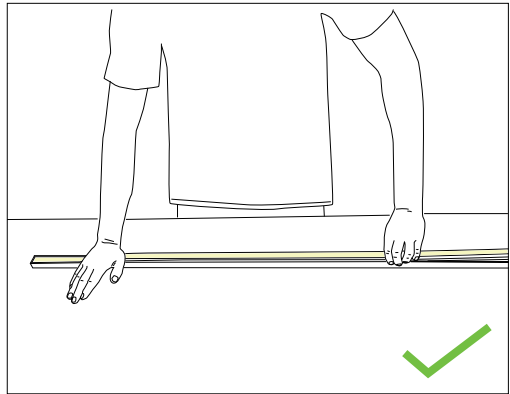
Suitable for the following models

- N1615
- N0606
- N1010
- N1010-Three Sided Light
- N1212
- N2016
- N3020
- N5025

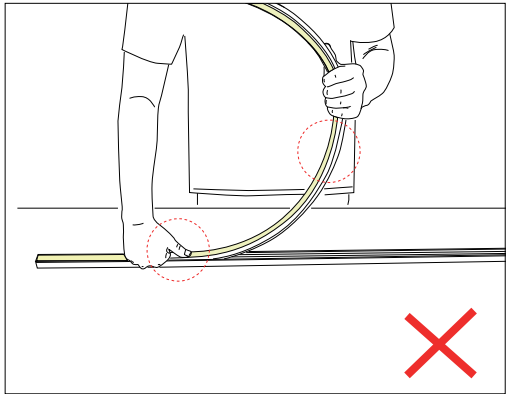
Installation Precautions



Put it in the profile

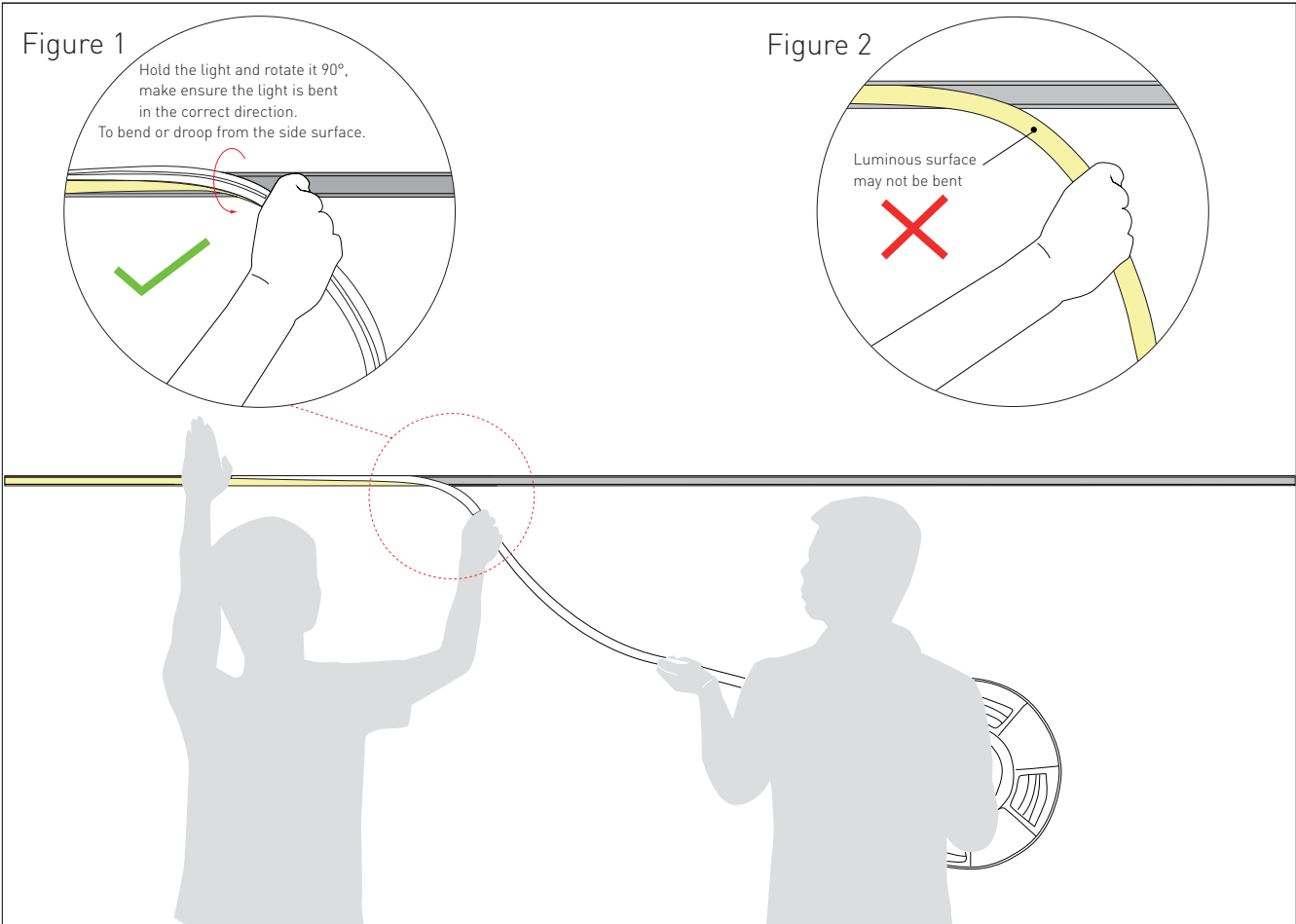


- Please press the led strip with your palm to slowly insert the led strip into the groove, and gently straighten the led strip above the groove with your right hand.
- Try to keep the led strip in a flat state during the installation process.



- Do not press the led strip with a single finger, it is easy to damage the internal parts of the led strip.
- The bent arc of the led strip should not be too large during installation.

Installation Precautions -- Side Mounted (If the length of the light is more than 2 meters, two persons must work together to install it.)



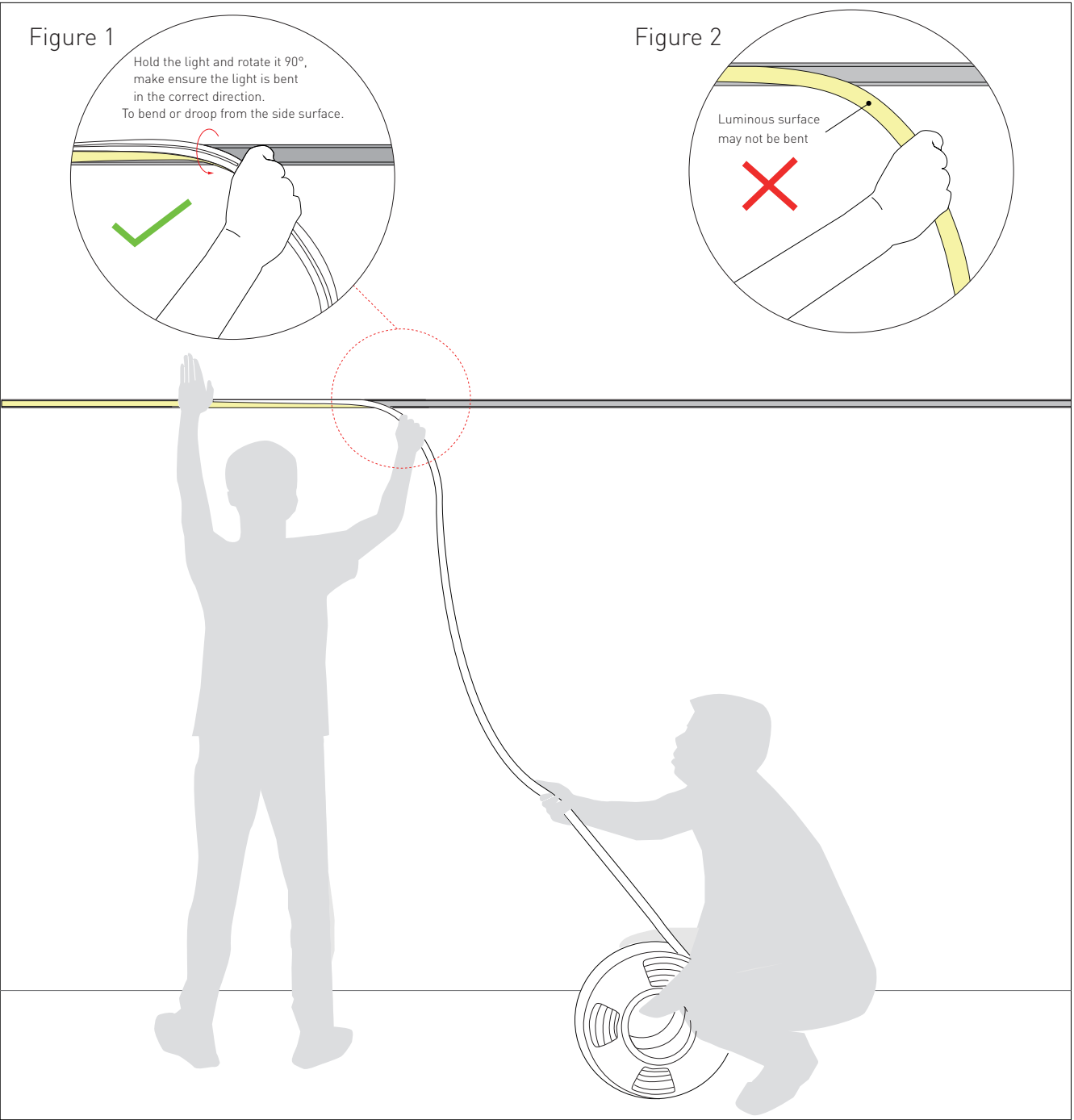
1.Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand, hold it and rotate it 90 ° to droop it in the direction of your hand. See Figure 1.
- Luminous surface may not be bent. See Figure 2.

2.Assistant:

- Cooperate with the installer to lift the reel of the light, and then slowly deliver the light to installer. Do not pull or twist the light during the installation.

Installation Precautions -- Side Mounted (If the length of the light is more than 5 meters, two persons must work together to install it.)



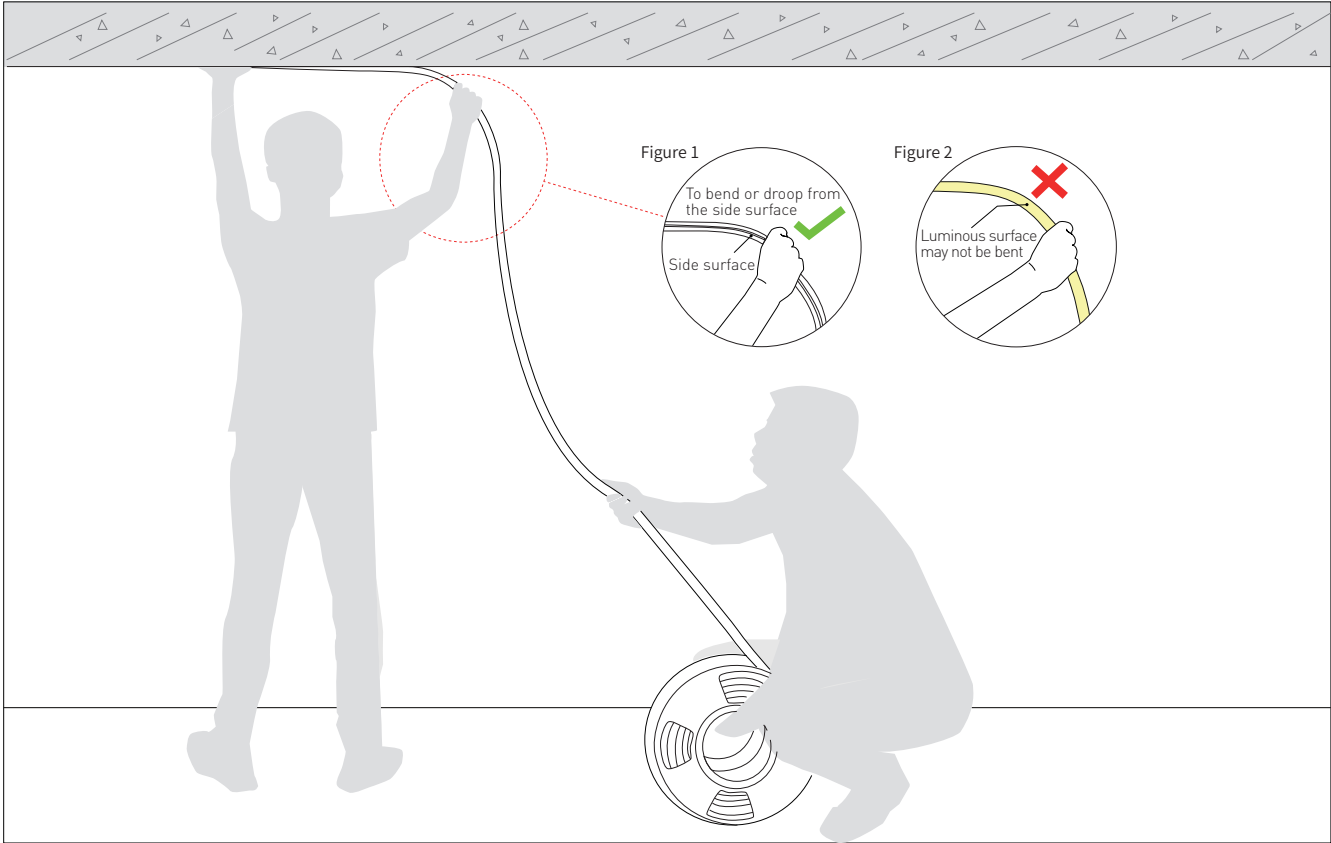
1.Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand, hold it and rotate it 90° to droop it in the direction of your hand. See Figure 1.
- Luminous surface may not be bent. See Figure 2.

2.Assistant:

- Cooperate with the installer to slowly deliver the light to installer. Do not pull or twist the light during the installation.

Installation Precautions -- Top Mounted (If the length of the light is more than 2 meters, two persons must work together to install it.)



1.Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with your right hand so that it droop naturally. See Figure 1.
- Luminous surface may not be bent. See Figure 2.

2.Assistant:

- Cooperate with the installer to slowly deliver the light to installer.
- Do not pull or twist the light during the installation.

Notes

The selection of the cable specification at the output end of the power supply, it depends on the total current of the load and the length of the cable. It is recommended to select according to the following table:

Current of the light	Specifications of the cable								
	L=1M	L=2M	L=4M	L=6M	L=8M	L=10M	L=12M	L=14M	L=16M
1A	AWG26	AWG23	AWG21	AWG18	AWG18	AWG17	AWG16	AWG15	AWG15
2A	AWG23	AWG21	AWG18	AWG16	AWG15	AWG14	AWG13	AWG12	AWG12
3A	AWG22	AWG18	AWG16	AWG14	AWG13	AWG12	AWG11	AWG11	AWG10
4A	AWG21	AWG18	AWG15	AWG13	AWG12	AWG11	AWG10	AWG9	AWG9
5A	AWG20	AWG17	AWG14	AWG12	AWG11	AWG10	AWG9	AWG9	AWG8
6A	AWG18	AWG16	AWG13	AWG11	AWG10	AWG9	AWG8	AWG8	AWG7
7A	AWG18	AWG15	AWG12	AWG11	AWG9	AWG8	AWG8	AWG7	AWG6
8A	AWG17	AWG15	AWG12	AWG10	AWG9	AWG8	AWG7	AWG7	AWG6
9A	AWG17	AWG14	AWG11	AWG10	AWG8	AWG7	AWG7	AWG6	AWG5
10A	AWG16	AWG14	AWG11	AWG9	AWG8	AWG7	AWG6	AWG6	AWG5

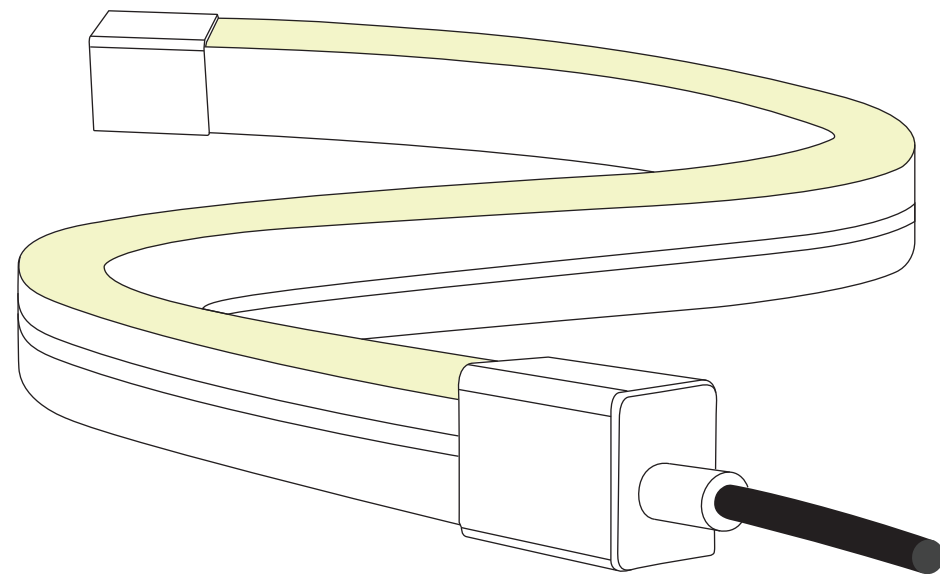
- ※The unused light should be sealed with the packaging bag to avoid prolonged exposure.
- ※Please use DC24V isolated constant voltage power supply with ripple voltage less than 5%. Using other types of power supply may damage the light or cause other safety risks.
- ※In practical application, 20% allowance should be reserved for power supply to ensure the stability of power supply.
- ※It is recommended that professionals connect the power supply. Do not connect the power supply with live power to avoid electric shock.
- ※Please confirm whether the voltage of the power supply is consistent with the voltage of the light; Pay attention to the positive and negative poles of the power cord, do not connect wrong, so as not to cause product damage;
- ※ When multiple power supplies are used, ensure that the positive poles of the power supply are not connected in parallel. Otherwise, the power supply system may be unstable or damaged after long-term operation.
- ※ If the actual application length exceeds the specified length, it will lead to overload, heating and uneven brightness of the light.
- ※ During installation, please do not scratch, twist, or bend the light irregularly. Otherwise, the light may be damaged beyond repair.
- ※ To ensure the life and reliability of the light, please do not over bend the light, which will damage the product itself.
- ※ To protect your eyes, please avoid staring at the glowing surface of the light for a long time.
- ※ Non-professionals are forbidden to install, disassemble and maintain the product.
- ※ Do not use any acid or alkaline adhesive to fix the light (including but not limited to glass glue, etc.)
- ※ IP67 products are not suitable for long-term immersion in water; IP68 products are only customized by the factory. After cutting and processing by users themselves, there is a risk that IP68 protection level cannot be reached
- ※ Because of the difference in structure, even if the same color temperature value, different sizes of light will look slightly different colors. Please confirm it before use.

Tests showed that methanol and benzenes will have yellowing effects on silicone. In the newly decorated interior environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture, they are likely to release of methanol and benzenes. It is recommended to remove methanol and benzenes first, or ventilate for a period of time in the newly decorated interior environment before install the silicone neon light, to avoid affecting the silicone body.

SILICONE NEON STRIP

Installation

Side Bend



Suitable for the following
models

N1220

N0408

N0612

N0817

N1010

N1018

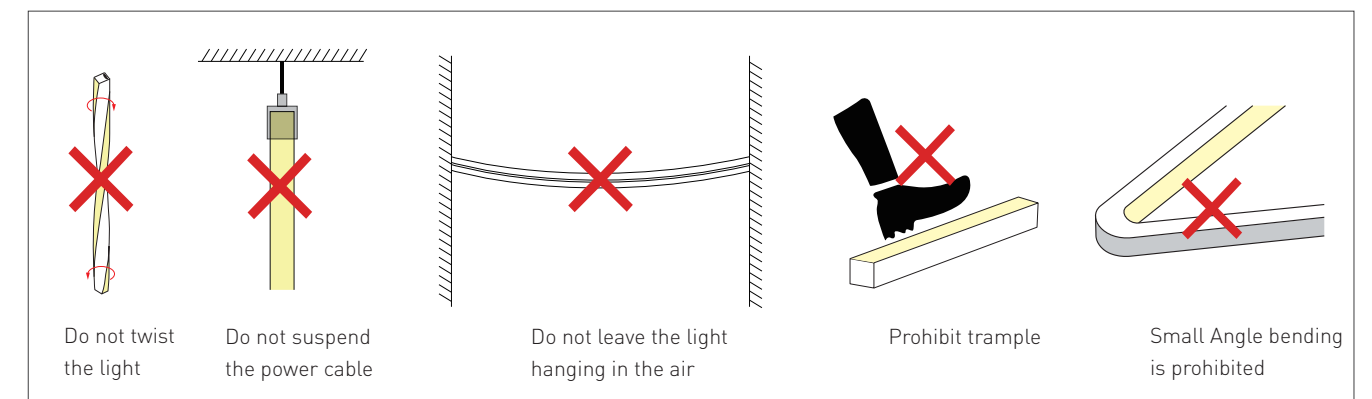
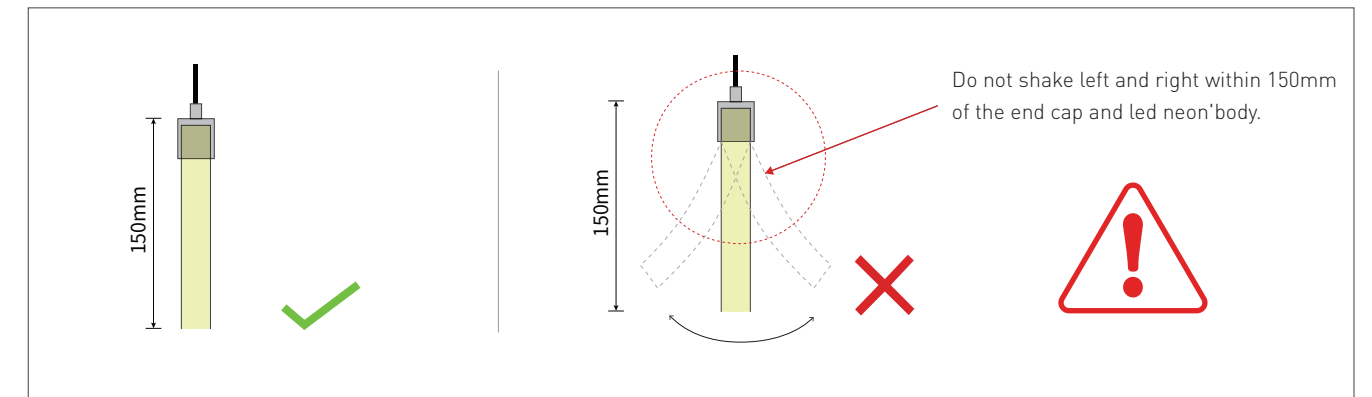
N1023

N1225

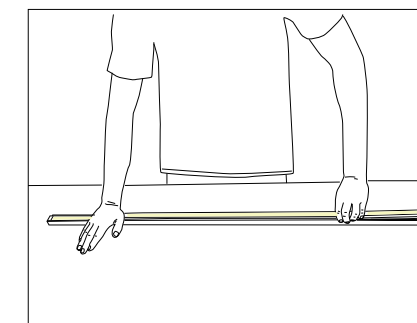
N2020

N3032

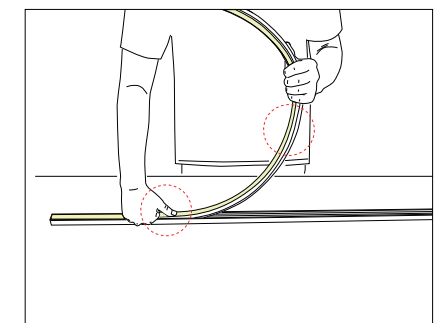
Installation Precautions



Put it in the profile

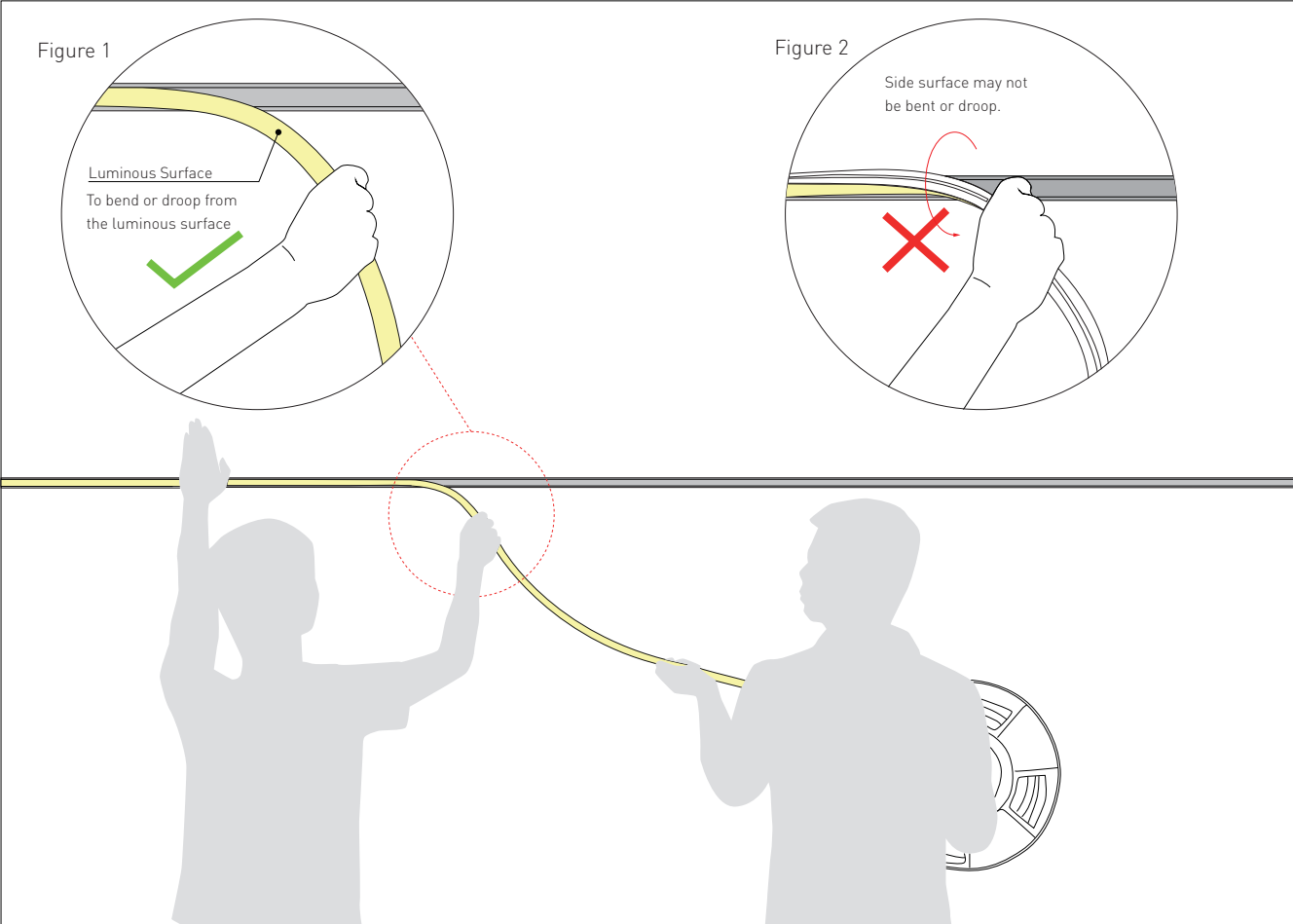


-Please press the led strip with your palm to slowly insert the led strip into the groove, and gently straighten the led strip above the groove with your right hand.
Try to keep the led strip in a flat state during the installation process.



-Do not press the led strip with a single finger, it is easy to damage the internal parts of the led strip.
-The bent arc of the led strip should not be too large during installation.

Installation Precautions -- Side Mounted (If the length of the light is more than 2 meters, two persons must work together to install it.)



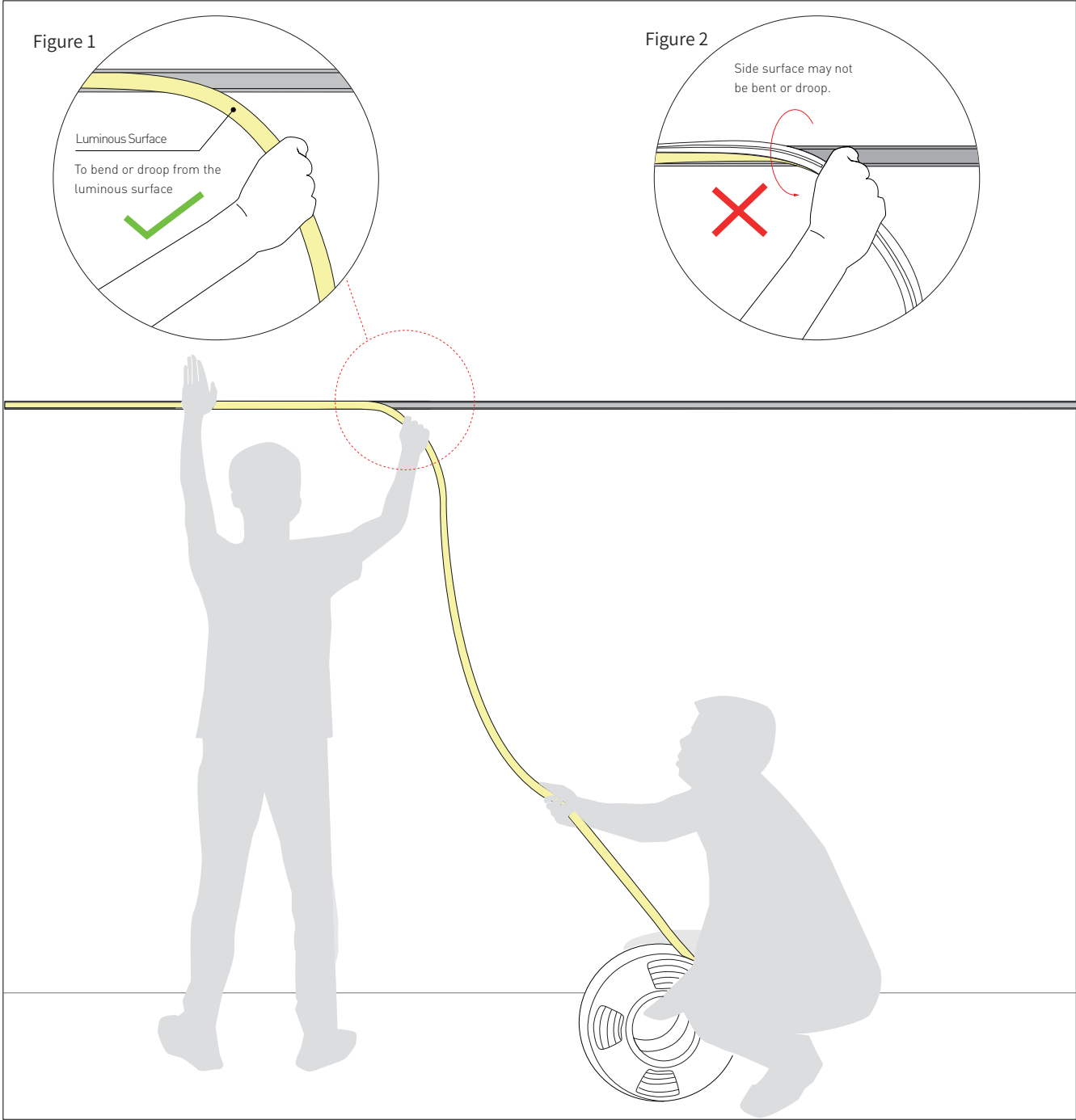
1.Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand so that it droop in the direction of your hand. See Figure 1.
- Side surface may not be bent or droop, See Figure 2.

2. Assistant:

- Cooperate with the installer to lift the reel of the light, and then slowly deliver the light to installer. Do not pull or twist the light during the installation.

Installation Precautions -- Side Mounted (If the length of the light is more than 5 meters, two persons must work together to install it.)



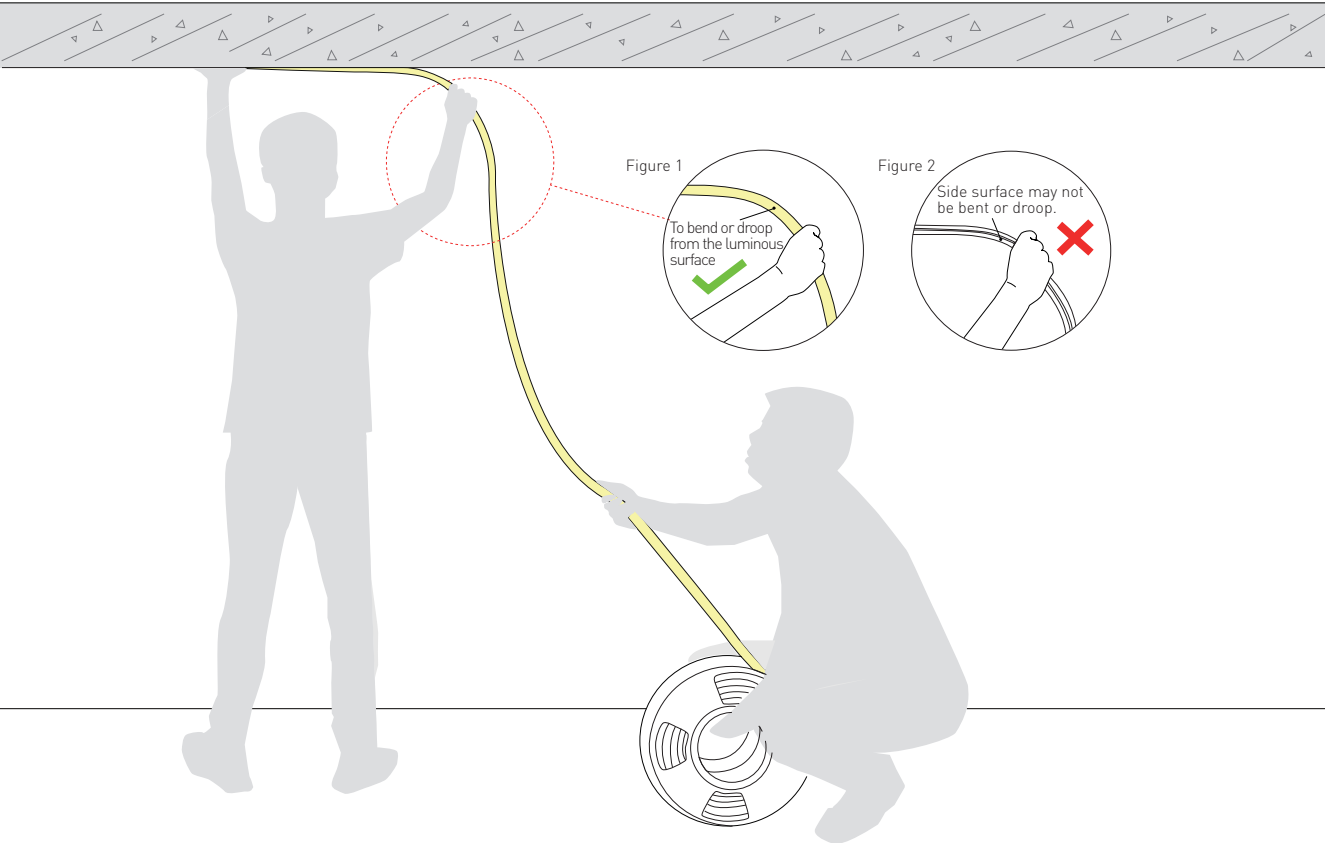
1.Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand so that it droop in the direction of your hand. See Figure 1.
- Side surface may not be bent or droop, See Figure 2.

2.Assistant:

- Cooperate with the installer to slowly deliver the light to installer. Do not pull or twist the light during the installation.

Installation Precautions -- Top Mounted (If the length of the light is more than 2 meters, two persons must work together to install it.)



- 1.Installer:
 - Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand, hold it and rotate it 90° to droop it in the direction of your hand.See Figure 1.
 - Side surface may not be bent or droop,See Figure 2.
- 2.Assistant:
 - Cooperate with the installer to slowly deliver the light to installer. Do not pull or twist the light during the installation.

Notes

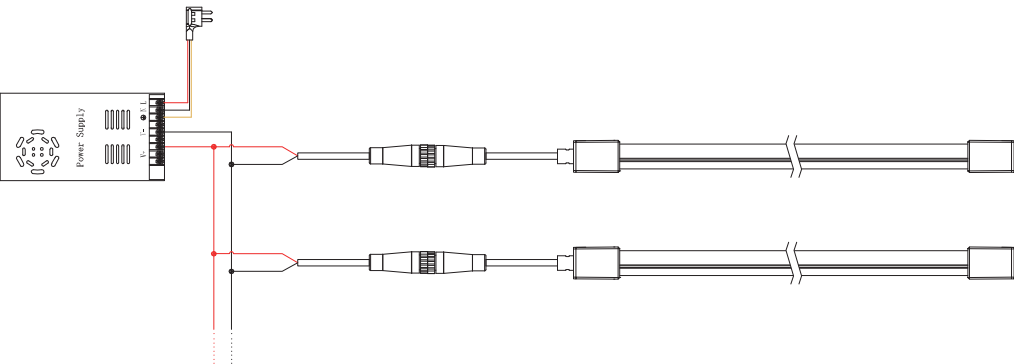
The selection of the cable specification at the output end of the power supply, it depends on the total current of the load and the length of the cable. It is recommended to select according to the following table:

Current of the light	Specifications of the cable								
	L=1M	L=2M	L=4M	L=6M	L=8M	L=10M	L=12M	L=14M	L=16M
1A	AWG26	AWG23	AWG21	AWG18	AWG18	AWG17	AWG16	AWG15	AWG15
2A	AWG23	AWG21	AWG18	AWG16	AWG15	AWG14	AWG13	AWG12	AWG12
3A	AWG22	AWG18	AWG16	AWG14	AWG13	AWG12	AWG11	AWG11	AWG10
4A	AWG21	AWG18	AWG15	AWG13	AWG12	AWG11	AWG10	AWG9	AWG9
5A	AWG20	AWG17	AWG14	AWG12	AWG11	AWG10	AWG9	AWG9	AWG8
6A	AWG18	AWG16	AWG13	AWG11	AWG10	AWG9	AWG8	AWG8	AWG7
7A	AWG18	AWG15	AWG12	AWG11	AWG9	AWG8	AWG8	AWG7	AWG6
8A	AWG17	AWG15	AWG12	AWG10	AWG9	AWG8	AWG7	AWG7	AWG6
9A	AWG17	AWG14	AWG11	AWG10	AWG8	AWG7	AWG7	AWG6	AWG5
10A	AWG16	AWG14	AWG11	AWG9	AWG8	AWG7	AWG6	AWG6	AWG5

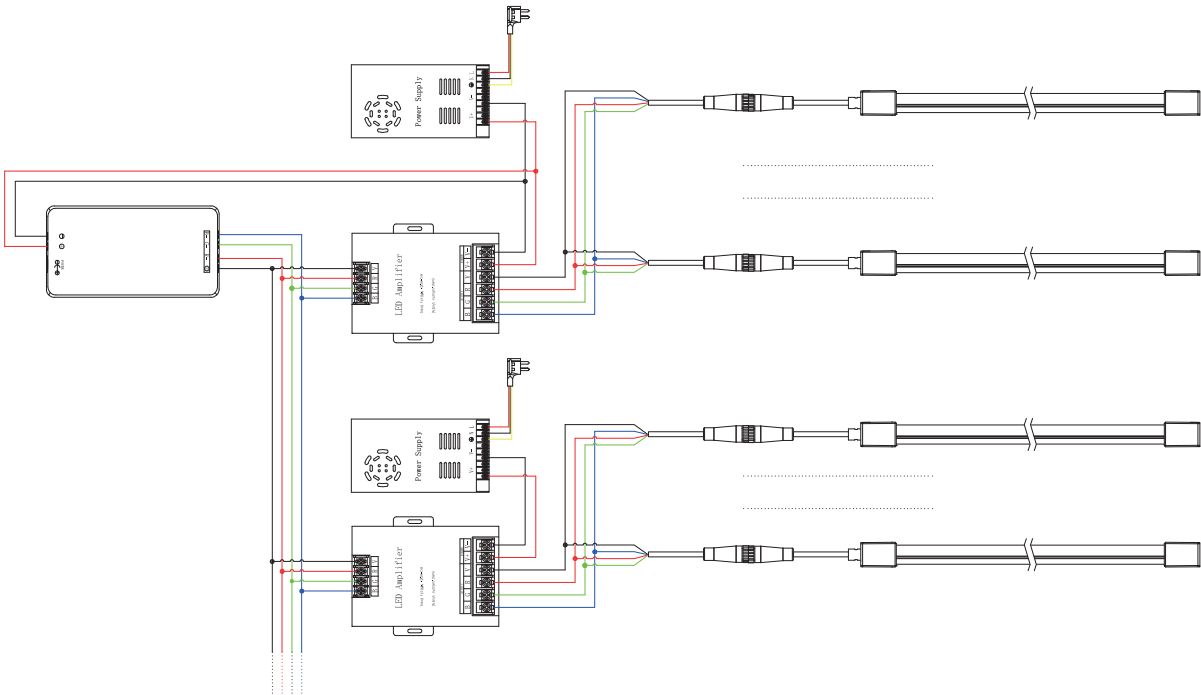
- ※ The unused light should be sealed with the packaging bag to avoid prolonged exposure.
- ※ Please use DC24V isolated constant voltage power supply with ripple voltage less than 5%. Using other types of power supply may damage the light or cause other safety risks.
- ※ In practical application, 20% allowance should be reserved for power supply to ensure the stability of power supply.
- ※ It is recommended that professionals connect the power supply. Do not connect the power supply with live power to avoid electric shock.
- ※ Please confirm whether the voltage of the power supply is consistent with the voltage of the light; Pay attention to the positive and negative poles of the power cord, do not connect wrong, so as not to cause product damage;
- ※ When multiple power supplies are used, ensure that the positive poles of the power supply are not connected in parallel. Otherwise, the power supply system may be unstable or damaged after long-term operation.
- ※ If the actual application length exceeds the specified length, it will lead to overload, heating and uneven brightness of the light.
- ※ During installation, please do not scratch, twist, or bend the light irregularly. Otherwise, the light may be damaged beyond repair.
- ※ To ensure the life and reliability of the light, please do not over bend the light, which will damage the product itself.
- ※ To protect your eyes, please avoid staring at the glowing surface of the light for a long time.
- ※ Non-professionals are forbidden to install, disassemble and maintain the product.
- ※ Do not use any acid or alkaline adhesive to fix the light (including but not limited to glass glue, etc.)
- ※ IP67 products are not suitable for long-term immersion in water; IP68 products are only customized by the factory. After cutting and processing by users themselves, there is a risk that IP68 protection level cannot be reached
- ※ Because of the difference in structure, even if the same color temperature value, different sizes of light will look slightly different colors. Please confirm it before use.

Tests showed that methanol and benzenes will have yellowing effects on silicone. In the newly decorated interior environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture, they are likely to release of methanol and benzenes. It is recommended to remove methanol and benzenes first, or ventilate for a period of time in the newly decorated interior environment before install the silicone neon light, to avoid affecting the silicone body.

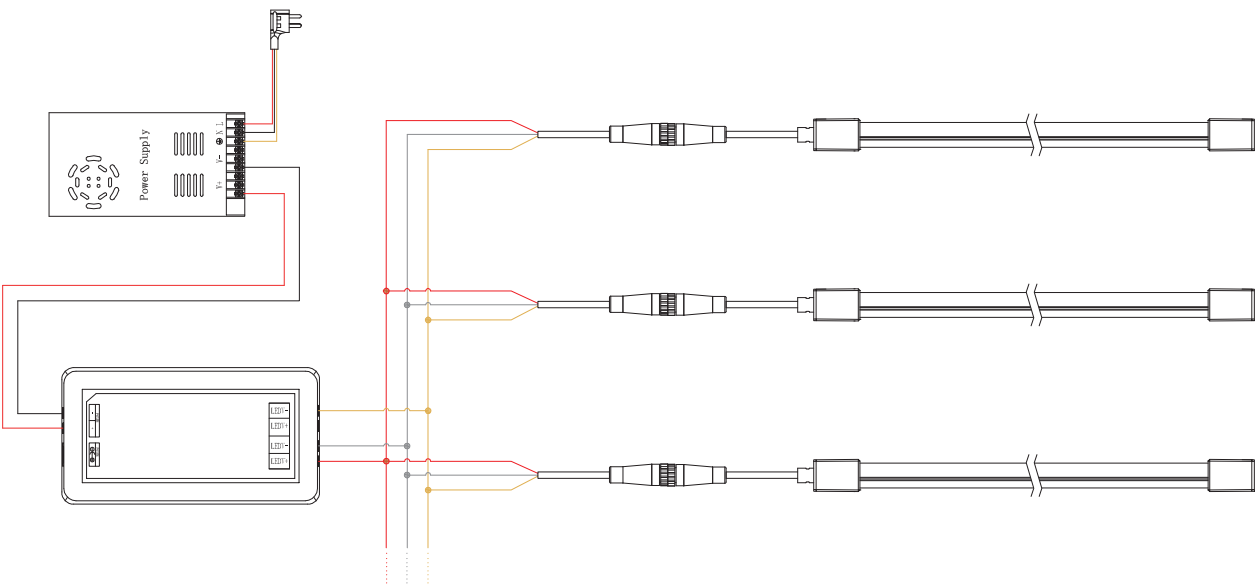
Single Color Connection Diagram



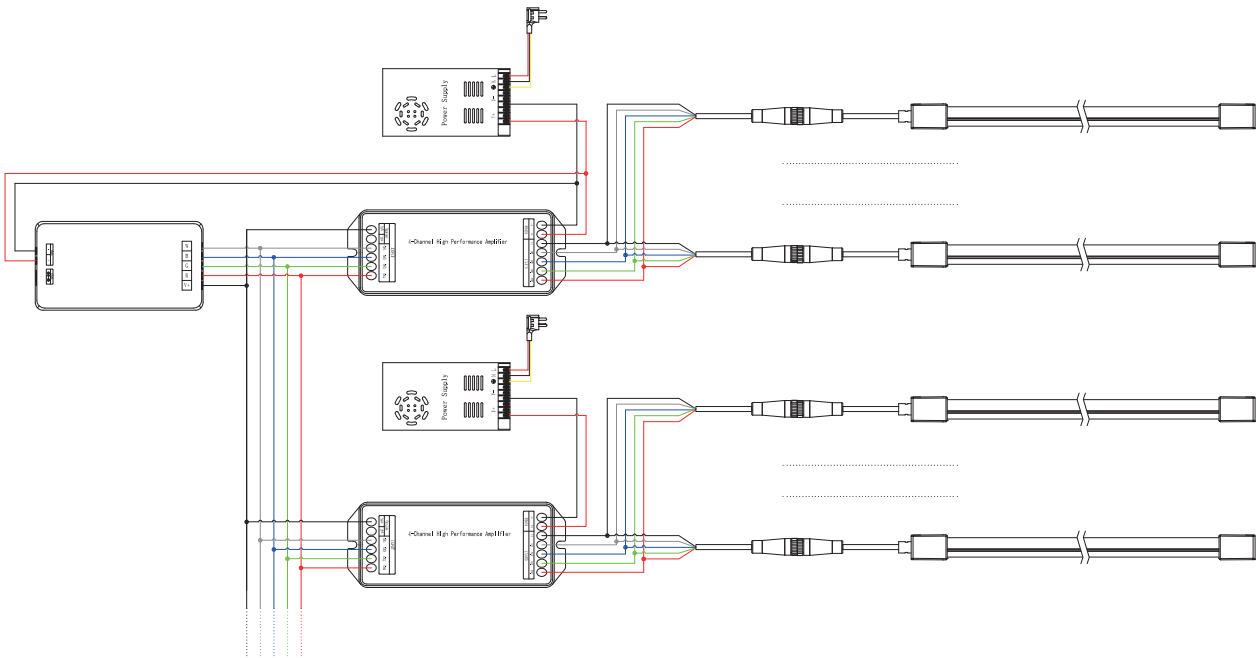
RGB Connection Diagram

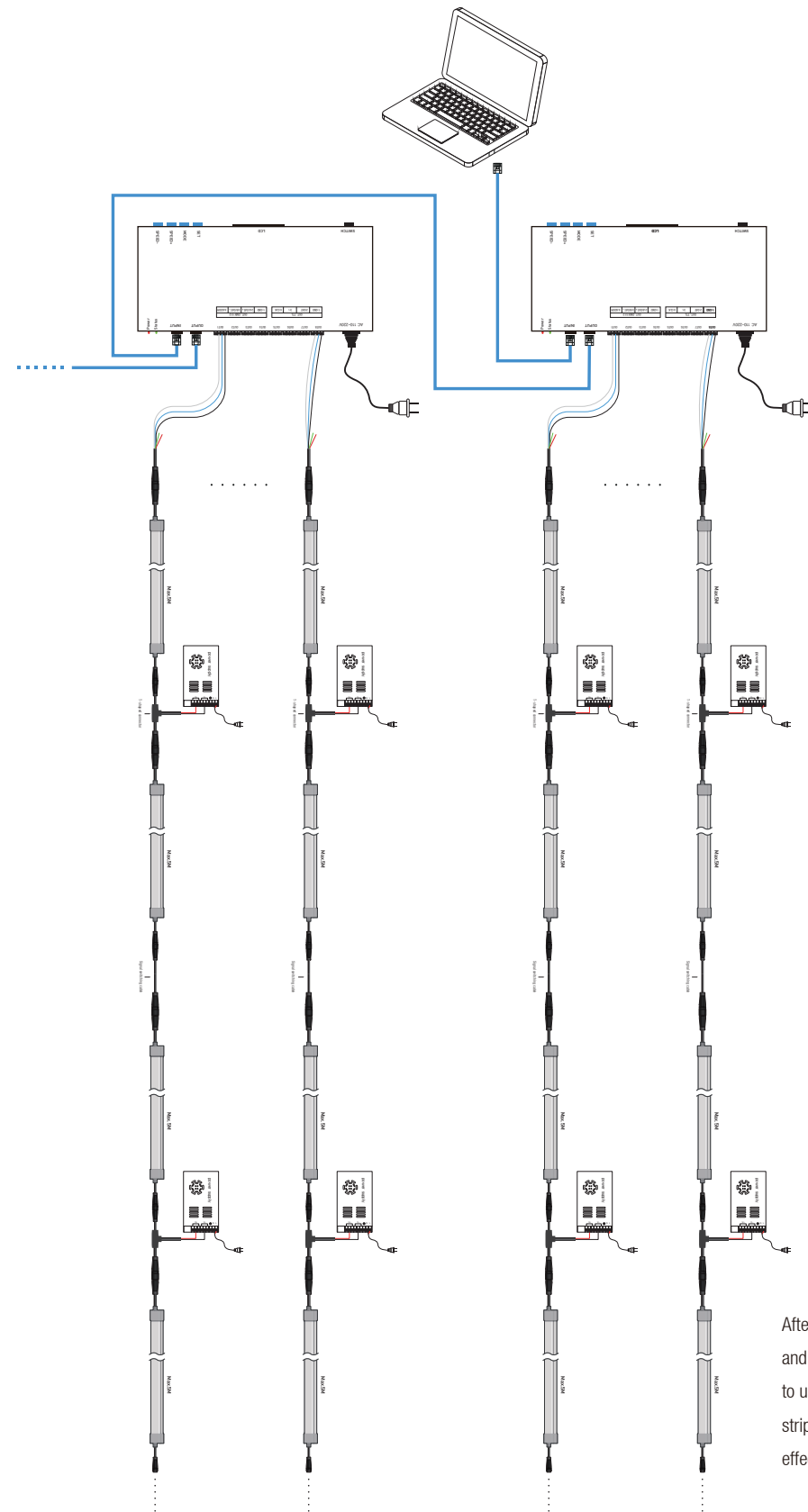


Tunable white Connection Diagram



RGBW Connection Diagram





After the led strip is connected to the signal wire and power supply wire correctly, It is necessary to use a controller or order to address the led strip ,then the controller can run the control effect program.

