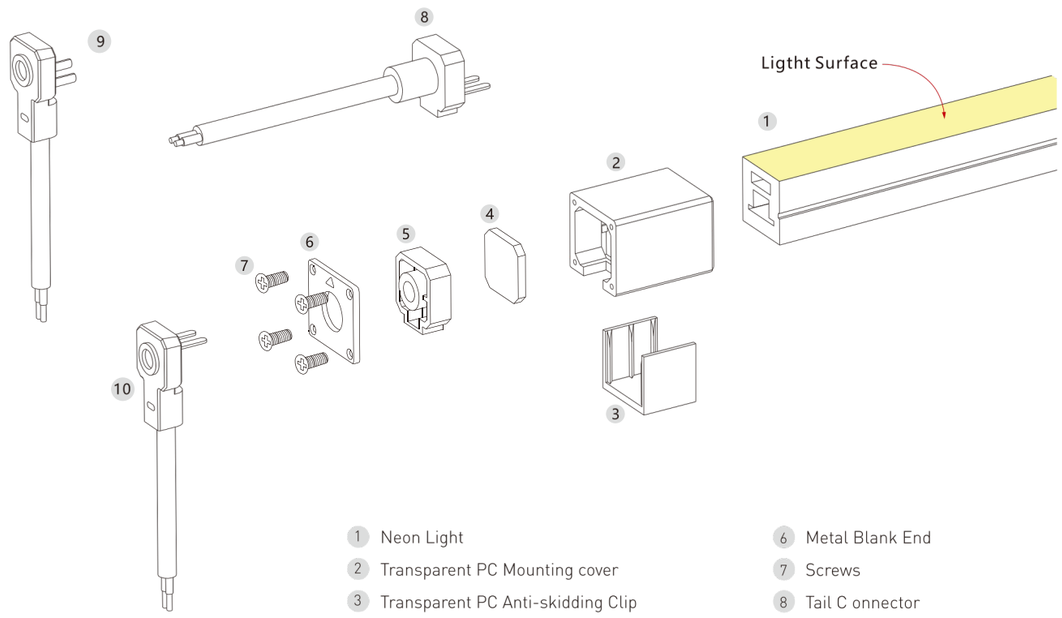
SILICONE NEON STRIP

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

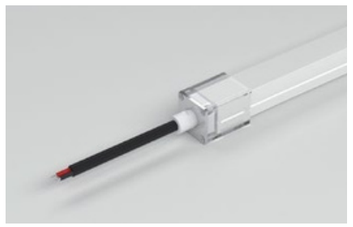
Provide multiple insalltion accessories for top bend and side bend, meet various applying demands.

Accessories diagram for Solder Free End Cap



1 Neon Light
2 Transparent PC Mounting cover
3 Transparent PC Anti-skidding Clip
4 Waterproof Rubber Gasket
5 Transparent PC Pads
6 Metal Blank End
7 Screws
8 Tail C onnector
9 Side-Edge Connector
10 Fast Bottom Connector

Solder Free End Cap



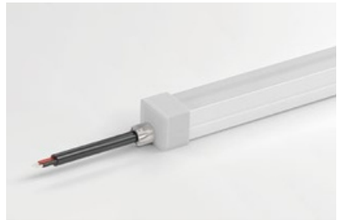
Front Cable Entry

Side Cable Entry

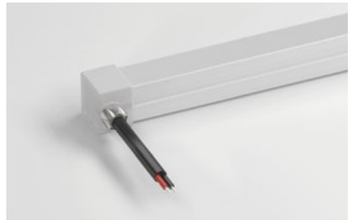
Bottom Cable Entry

Integral end cap

Silicone end cap



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

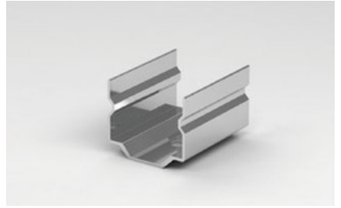


Side Cable Entry:
The cable could be perfectly hidden to achieve seamlesslight connection.

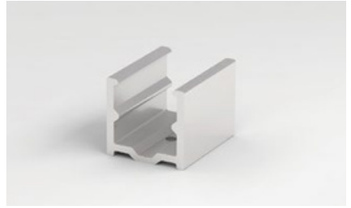
Bottom Cable Entry:
The cable could be perfectly hidden to achieve seamlesslight connection.

Mounting method

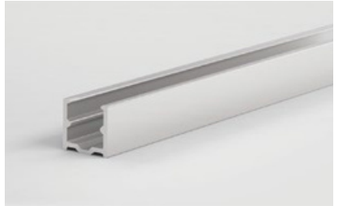
Stainless Steel Mounting clip



Aluminum Mounting clip

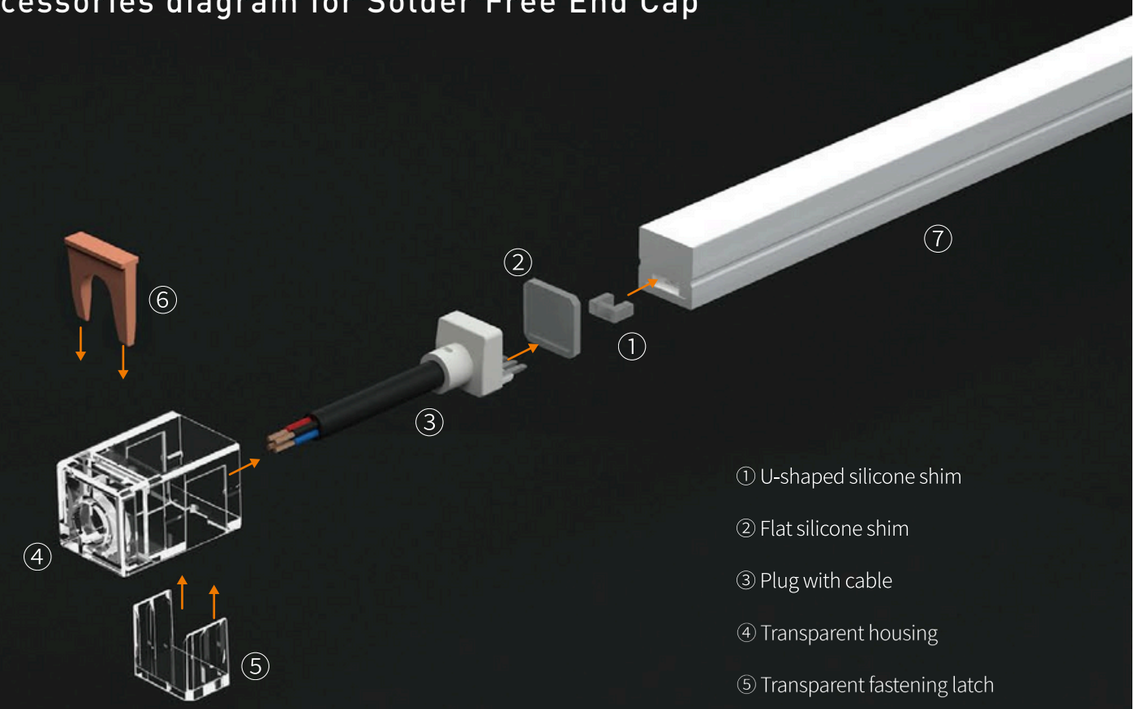


Aluminium Profile



Solder Free End Cap

Accessories diagram for Solder Free End Cap



① U-shaped silicone shim

② Flat silicone shim

③ Plug with cable

④ Transparent housing

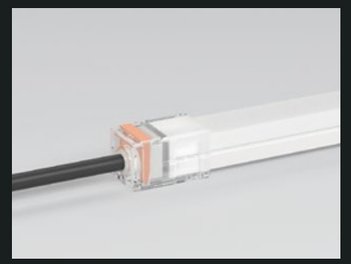
⑤ Transparent fastening latch

⑥ Orange fastening latch

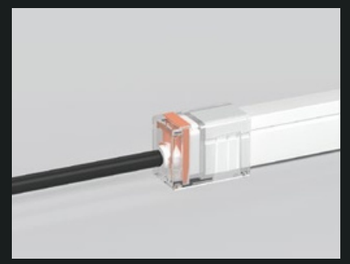
⑦ Silicone neon strip

Solder Free End Cap

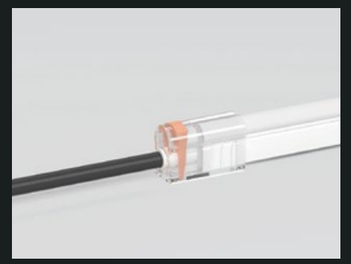
Front Cable Entry



SK-N1615



SK-N1220



SK-N0817

IP67, Three Sided Luminous (Top Bend)

SK-N1010

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

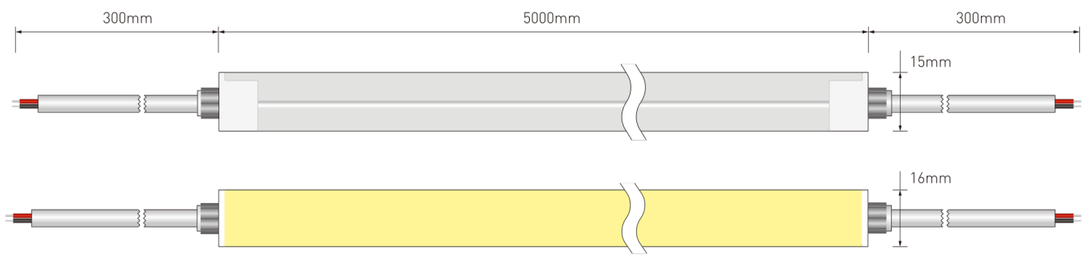
2700 K | 3000 K | 3500 K | 4000 K | 5000 K

R | G | B | Pink | Amber

SK-N1615

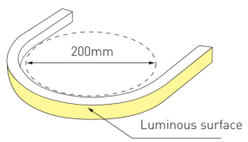
IP67 FLEX LEDNEON SK-N1615, Top bend, DC24V. Cross section size 16mm x 15mm(W x H), which is vertical bending with diameter of 200mm. It is IP67 protected, UV resistant, solvents resistant and salt-water resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension

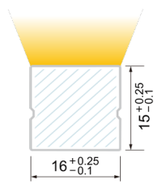


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta_{min}=-25℃, Ta_{max} (Table below)

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



Min bending diameter



Unit: mm
Cross section

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	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 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	275	55	50	5	CV
W	≥90	DC24V	5	295	59	50	5	CV
W+WW	≥90	DC24V	10	570	57	50	5	CV

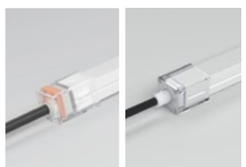
RGB
PARAMETER

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	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

RGBW
PARAMETER

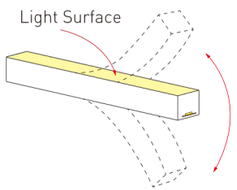
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	32.5	13	62.5	5	CV
G	--	DC24V	2.5	135	54	62.5	5	CV
B	--	DC24V	2.5	31.25	12.5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	70	28	62.5	5	CV
RGBW	--	DC24V	10	340	34	62.5	5	CV
CCT(K)	CRI	Voltage	Power(W)	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(3000K±200)	≥80	DC24V	2.5	158.75	63.5	62.5	5	CV
RGBW	--	DC24V	10	360	36	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(4000K $^{+500}_{-200}$)	≥80	DC24V	2.5	168.75	67.5	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	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

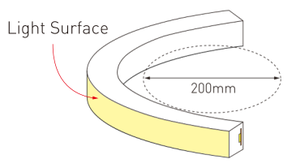
Cable Entry

	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.			

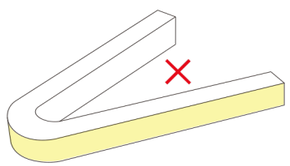
Operation Guidance

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;

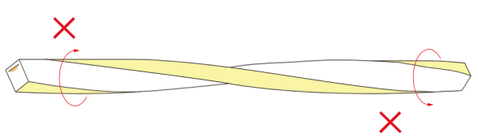




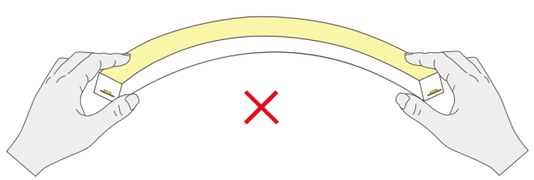
Bend vertical only



Too sharp



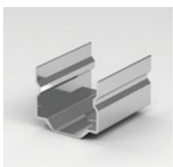
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

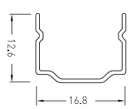


Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

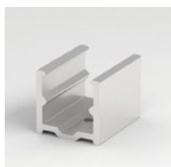
Mounting Clips

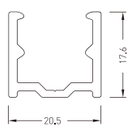




Dimension:
20x12.6x16.8mm

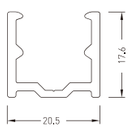
Aluminium Mounting clips





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

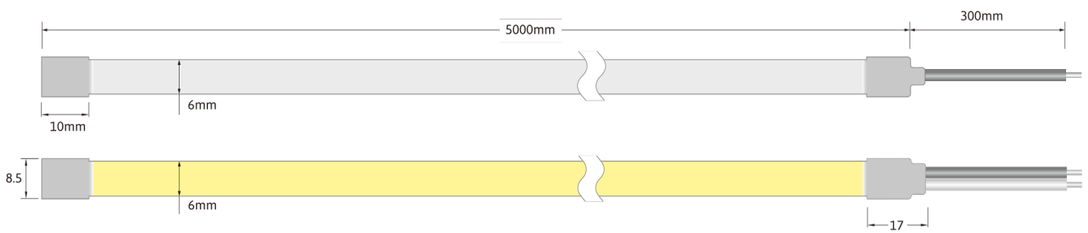
PC closed end cap
Dimension: 27.9x20.4x19.4mm
Material: stainless steel
Color: Transparent

Scissor
Material: stainless steel

SK-N0606

IP67 FLEX LEDNEON SK-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.

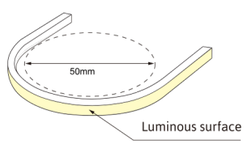
Dimension



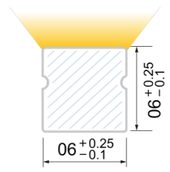
Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	6W
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta_{min}=-25℃, Ta_{max}(Table below)

LEDNEON 0606	Low Output
Power(W/m)	6W
Max. Ambient tempt.(Ta_{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.



Min bending diameter



Unit: mm
Cross section

Voltage
24v DC

UV
Protection

Consistency
One Bin

Length
5M

Waterproof Grade
IP 67

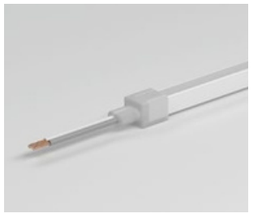
Warranty
3 Years

Single color
PARAMETER

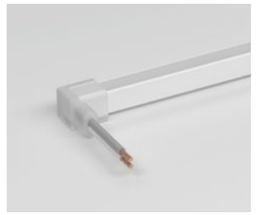
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1700K $^{+200}_{-100}$	⩾90	DC24V	6	235.2	39.2	25	5	CV
2200K $^{+200}_{-100}$	⩾90	DC24V	6	325.2	54.2	25	5	CV
2400K $^{+200}_{-200}$	⩾90	DC24V	6	330	55	25	5	CV
2600K $^{+200}_{-200}$	⩾90	DC24V	6	337.2	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

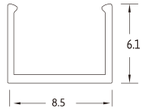
Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Integral End Cap

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

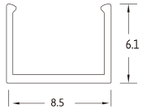
Accessories

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

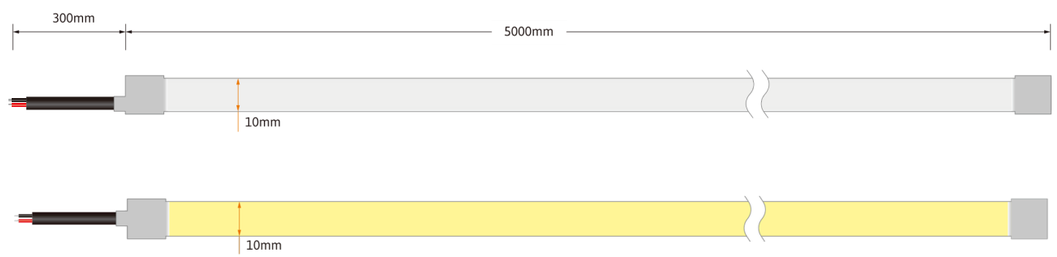
Silicone closed end cap
Dimension: 10x8.5x8.5mm (LxWxH)
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-N1010

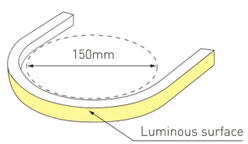
IP67 FLEX LEDNEON SK-N1010, Top Bend, DC24V. Cross section size 10mm x 10mm(W x H), which is vertical bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension

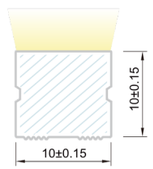


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta_{min}=-25℃, Ta_{max} (Table below)

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



Min bending diameter



Unit: mm
Cross section

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

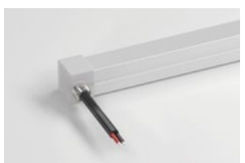
RGB
PARAMETER

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

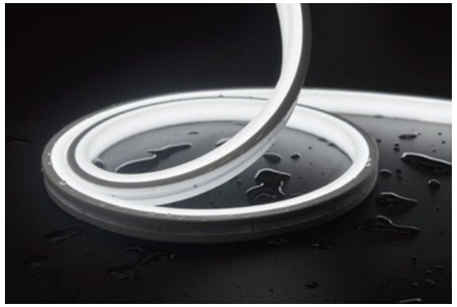


Side Cable Entry

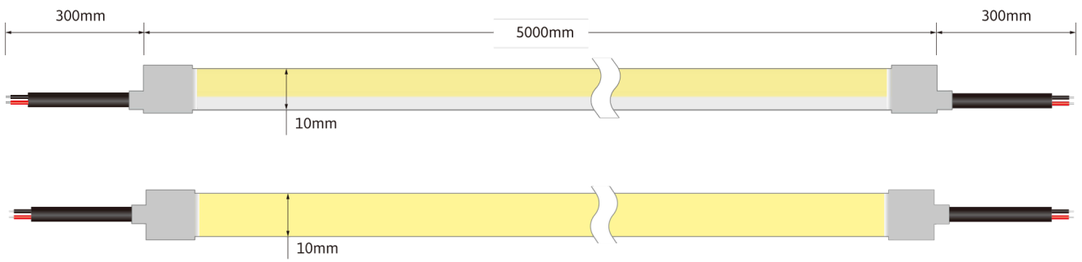
Bottom Cable Entry

SK-N1010-Three Sided Light

"IP67 Three sided FLEX LEDNEON SK-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

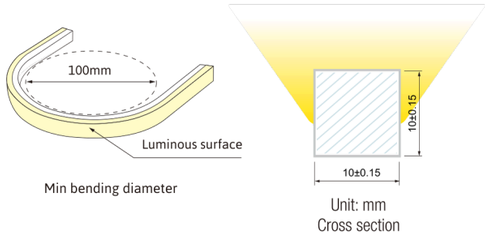


wellworth

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

LEDNEON 1010	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(Ta_{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

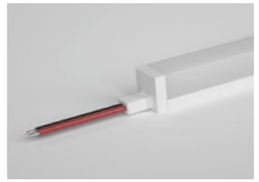
Silicone end cap

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

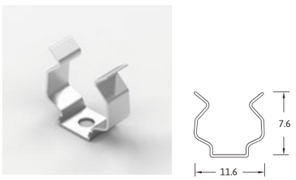
Integral End Cap（IP44）



Front Cable Entry

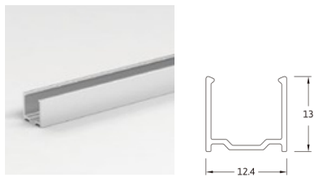
Accessories

Stainless Steel Mounting clip



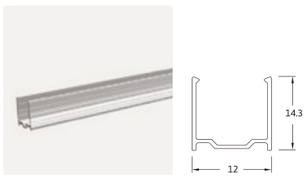
Dimension:
12x11.6x7.6mm(L x W x H)

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

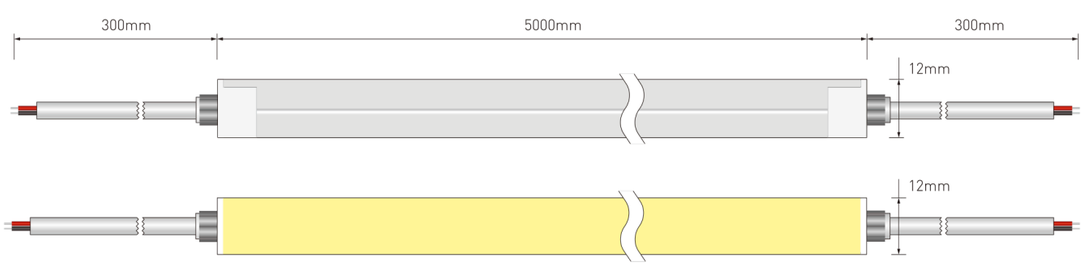
Silicone closed end cap
Dimension: 12x12mm (WxH)
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-N1212

IP67 FLEX LEDNEON SK-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	Ta_{min}=-25℃, Ta_{max}(Table below)

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

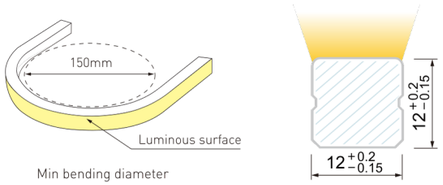
Note:

-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	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.

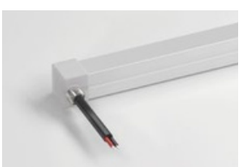
CCT Tunable PARAMETER

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

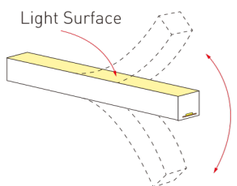
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max.Run Length (M)	CC/CV
R	--	DC24V	3.3	69.3	21	62.5	5	CV
G	--	DC24V	3.3	214.5	65	62.5	5	CV
B	--	DC24V	3.3	39.6	12	62.5	5	CV
RGB	--	DC24V	10	290	29	62.5	5	CV

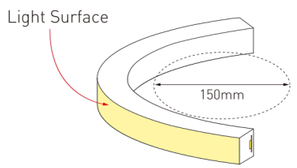
Cable Entry

	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.			

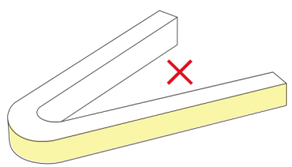
Operation Guidance

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 150mm bending diameter;

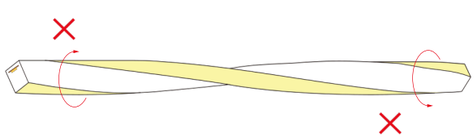




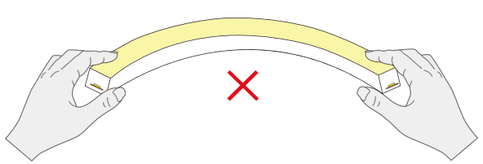
Bend vertical only



Too sharp



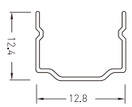
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



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

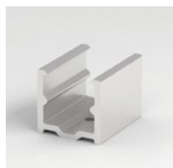
Accessories

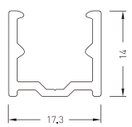
Stainless Steel Mounting clips



Dimension:
20x12.8x12.4mm

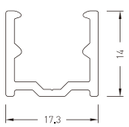
Aluminium Mounting clips





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)

SK-N2016 | SK-N3020 | SK-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

SK-ND16

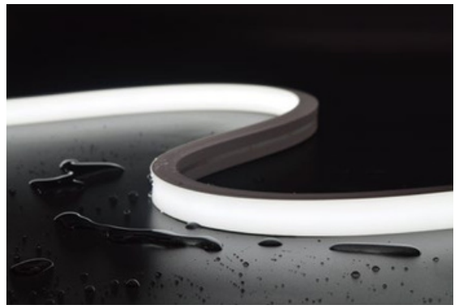
· High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
· Unique optical light distribution structure design, uniform lighting surface and no shadow.
· IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and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

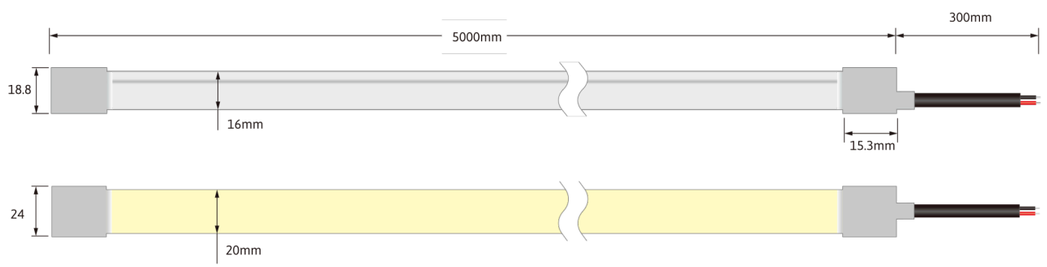
R | G | B | Pink | Amber

SK-N2016

IP67 FLEX LEDNEON SK-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.

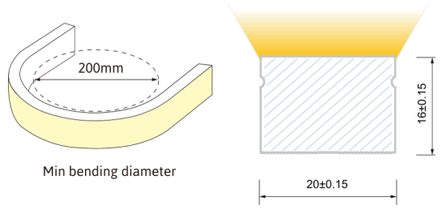


Dimension



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

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



Unit: mm
Cross section

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

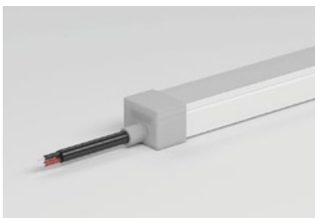
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	67.98	20.6	62.5	5	CV
G	--	DC24V	3.3	176.55	53.5	62.5	5	CV
B	--	DC24V	3.3	34.65	10.5	62.5	5	CV
RGB	--	DC24V	10	280	28	62.5	5	CV

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

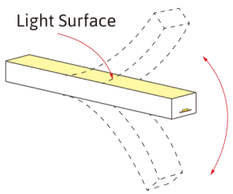


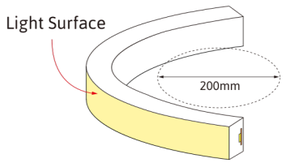
Front Cable Entry:

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

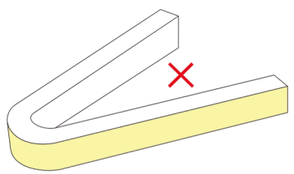
Operation Guidance

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;

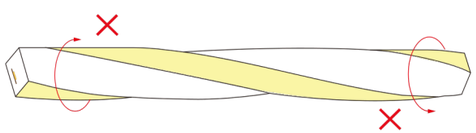




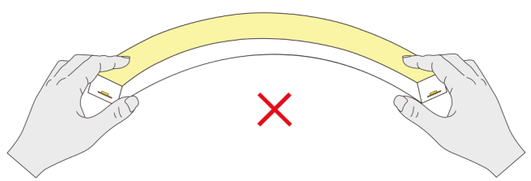
Bend vertical only



Too sharp



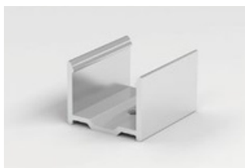
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

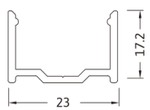


Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

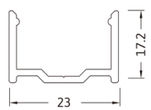
Aluminium Mounting Clip





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

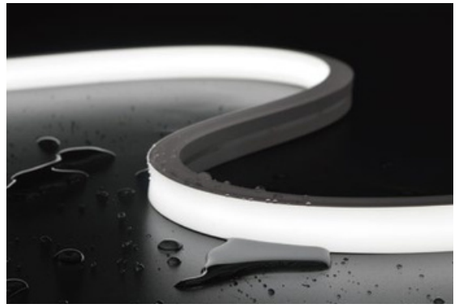
IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm²/22AWG
Color: Black

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

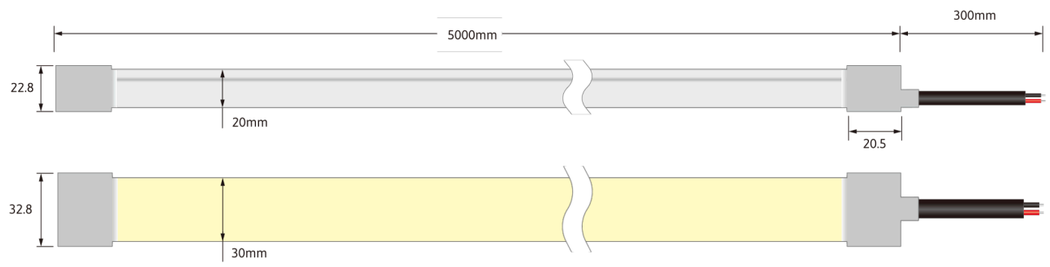
Scissor
Material: stainless steel

SK-N3020

IP67 FLEX LEDNEON SK-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.

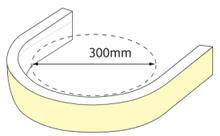


Dimension

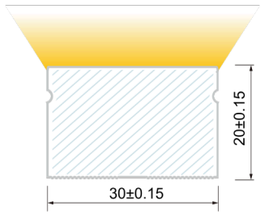


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta_{min}=-25℃, Ta_{max} (Table below)

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



Min bending diameter



Unit: mm
Cross section

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
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

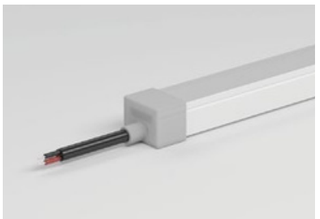
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	6.66	133.2	20	41.66	5	CV
G	--	DC24V	6.66	342.99	51.5	41.66	5	CV
B	--	DC24V	6.66	69.93	10.5	41.66	5	CV
RGB	--	DC24V	20	540	27	41.66	5	CV

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

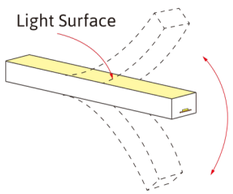


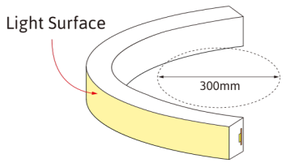
Front Cable Entry:

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

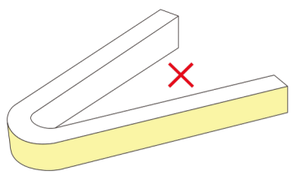
Operation Guidance

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;

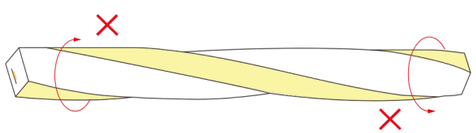




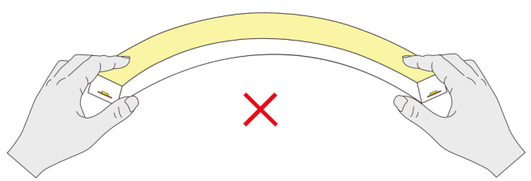
Bend vertical only



Too sharp



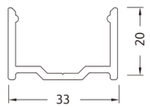
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



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

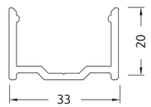
Accessories

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

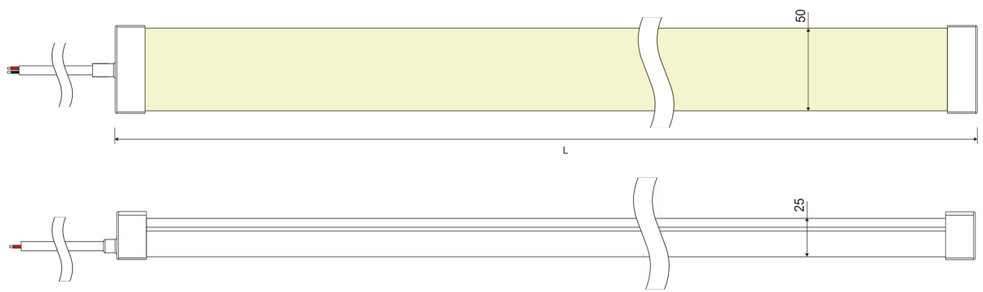
Silicone closed end cap
Dimension: 20.5x32.8x22.8mm
Material: silicone
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-N5025

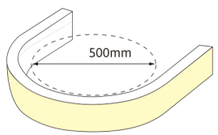
IP67 FLEX LEDNEON SK-N5025, Top bend, DC24V. Cross section size 50mm x 25mm(W x H), which is vertical bending with diameter of 500mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension

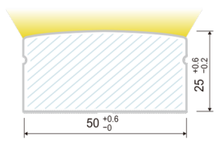


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25℃~60℃
Ambient Temperature	Ta_{min}=-25℃, Ta_{max}(Table below)

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



Min bending diameter



Unit: mm
Cross section

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	UV	Consistency
24v DC	Protection	One Bin
Length	Waterproof Grade	Warranty
5M	IP 67	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

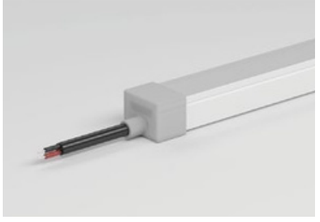
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	85	17.1	41.7	5	CV
G	--	DC24V	5	330	66.0	41.7	5	CV
B	--	DC24V	5	61	12.2	41.7	5	CV
RGB	--	DC24V	15	516	34.4	41.7	5	CV

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

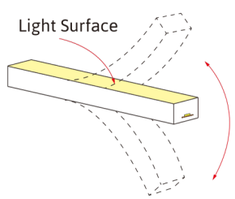


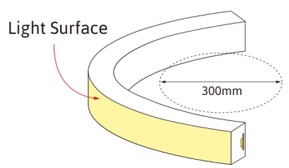
Front Cable Entry:

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

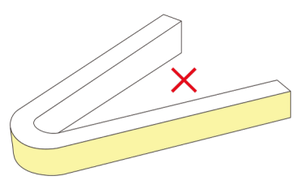
Operation Guidance

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;

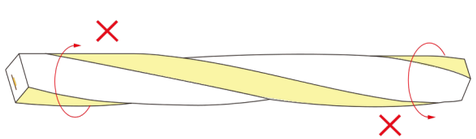




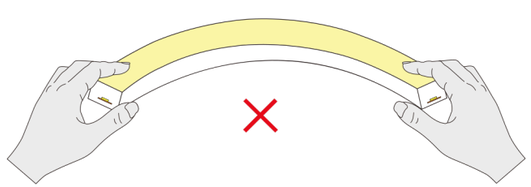
Bend vertical only



Too sharp

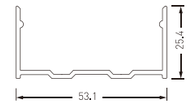


Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

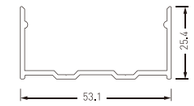


Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Accessories



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

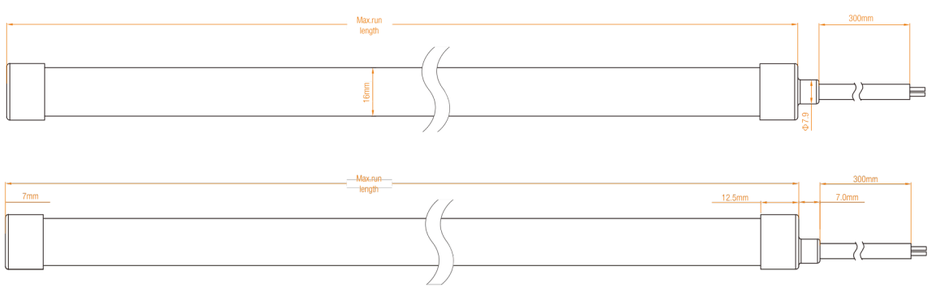
Silicone closed end cap
Dimension: 26x53.2x28.8mm
Material: silicone
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-ND16

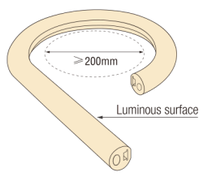
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
Unique optical light distribution structure design, uniform lighting surface and no shadow.
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
Excellent toughness, simple and stylish appearance, delicate and unique
3 years warranty, working life ⩾30000 hours;

Dimension structure

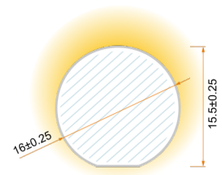


Technical Data	
Voltage	DC24V
LED PIN Temperature	Max. 65 ℃
Storage Temperature	-25 ℃ ~ 60 ℃
Ambient Temperature	Min.-25°C , Max (Table below)
CRI	≥90

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



Min bending diameter



Unit: mm
Cross section

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

SK-N1220 | SK-N0408 | SK-N0612 | SK-N0817 | SK-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.

2700 K | 3000 K | 3500 K | 4000 K | 5000 K | TW

R | G | B | Pink | Amber | RGB | RGBW

IP67, Side Bend Series

SK-N1018 | SK-N1023 | SK-N1225 | SK-N2020 | SK-N3032

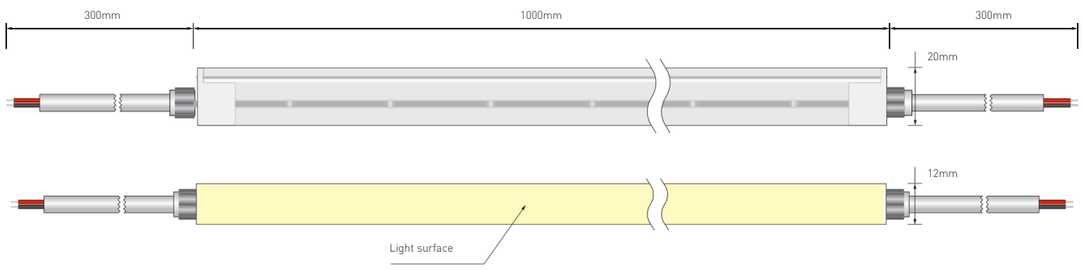
· IP67 protection level, Three Sided luminous surface
· Unique optical light distribution structure design, uniform lighting surface and no shadow.

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

SK-N1220

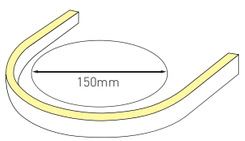
IP67 FLEX LEDNEON SK-N1220, Side bend, DC24V. Cross section size 12mm x 20mm(W x H), which is horizontal bending with radius of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension



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

LEDNEON 1220	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(Tamax)	55℃	45℃	35℃



Min bending diameter

Unit: mm
Cross section

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	1	CC/CV
2400K±150	≥90	DC24V	10	295	29.5	50		CC/CV
2700K±150	≥90	DC24V	10	305	30.5	50	(7CC)	CC/CV
3000K±150	≥90	DC24V	10	310	31	50	1 (7CC)	CC/CV
3500K±200	≥90	DC24V	10	345	34.5	50	1	CC/CV
4000K +400 −200	≥90 ≥90	DC24V DC24V	10 10	340 330	34 33	50 50		CC/CV
5000K +500 −300	--	DC24V	10	155	15.5	50	(7CC) 1	CC/CV
6500K +200 −600	--	DC24V	10	373	37.3	50	(7CC)	CC/CV
Red	--	DC24V	10	70	7	50	1	CC/CV
Green	--	DC24V	10	155	15.5	50	(7CC)	CC/CV
Blue	--	DC24V	10	150	15	50	1 (7CC)	CC/CV
Yellow							1 (7CC)	CC/CV
Pink							1 (7CC) 1	

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.

(8CC)
1
(7CC)
1
(7CC)
1

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	(8CC) 5	CV
W	≥ 90	DC24V	5	185	37	50	1 5	CV
W+WW	≥ 90	DC24V	10	354	35.4	50	(7CC) 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

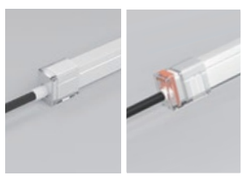
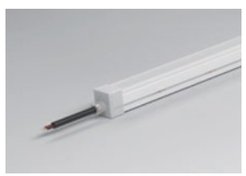
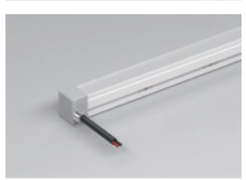
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	22.5	9	62.5	5	CV
G	--	DC24V	2.5	80	32	62.5	5	CV
B	--	DC24V	2.5	20	8	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	86.25	34.5	62.5	5	CV
RGBW	-- CRI	DC24V	10	200	20	62.5	5	CV

CCT(K)		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	-- CRI	DC24V	10	220	22	62.5	5	CV

CCT(K)	--	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	≥80	DC24V	2.5	31.25	8	62.5	5	CV
WW(4000K + 5 0 0 −200)	-- CRI	DC24V	2.5	168.75	40.5	62.5	5	CV
RGBW	--	DC24V	10	370	22	62.5	5	CV

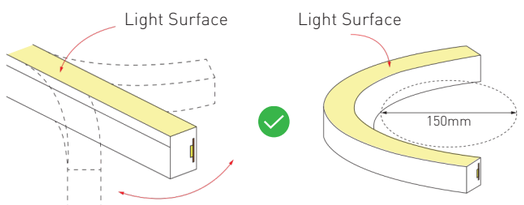
CCT(K)	-- --	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	≥80	DC24V	2.5	32.5	9	62.5	5	CV
G		DC24V	2.5	135	32	62.5	5	CV
B		DC24V	2.5	31.25	8	62.5	5	CV
WW(6500K±500)		DC24V	2.5	140	37	62.5	5	CV
RGBW	--	DC24V	10	330	21			CV

Cable Entry

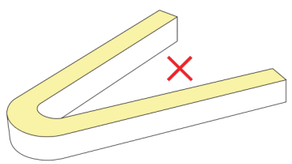
	Integral end cap	Solder Free End Cap	Silicone end cap
Front Cable Entry: The cable could be hidden in all directions by the flexible design.			
Side Cable Entry: The cable could be perfectly hidden to achieve seamless light connection.			
Bottom Cable Entry: The cable could be perfectly hidden to achieve seamless light connection.			

Operation Guidance

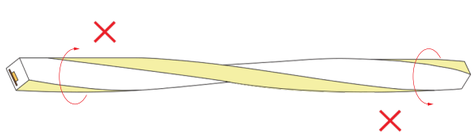
The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



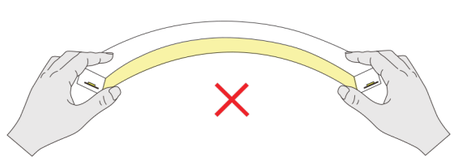
Bend standard only



Too sharp



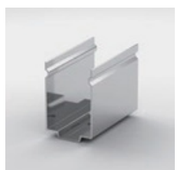
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

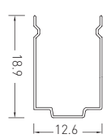


Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

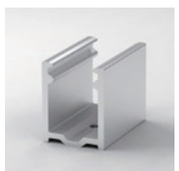
Stainless Steel Mounting Clip

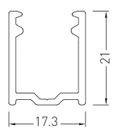




Dimension:
20x12.6x18.9mm(L x W x H)

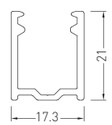
Aluminium Mounting clip





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

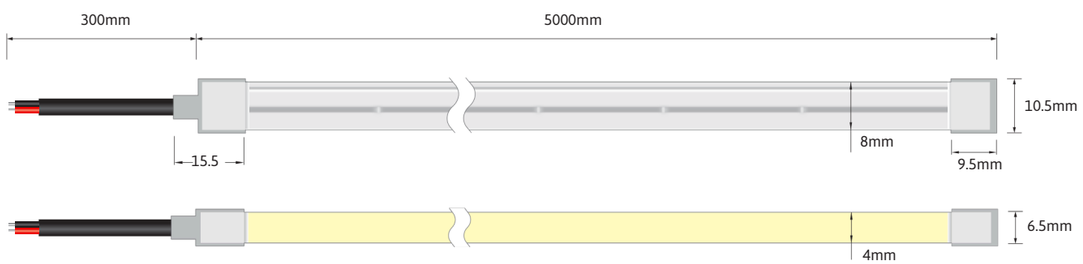
Silicone closed end cap
Dimension: 13x14.5x22.5mm
Compatible: Silicone end cap

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

SK-N0408

IP65 FLEX LEDNEON SK-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℃~60℃
Ambient Temperature	Tamin=-25℃, Ta max (Table below)

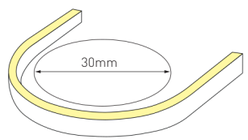
LEDNEON 0408	Low Output
Power(W/m)	6W
Max. Ambient tempt.(Ta_{max})	55℃

Note:

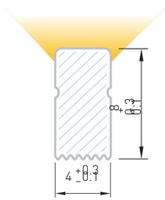
-Max. run length refers to single side feed in serial connection.

-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.



Min bending diameter



Unit: mm
Cross section

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

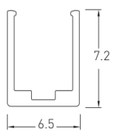
Integral End Cap(IP44)

Silicone end cap(IP65)

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

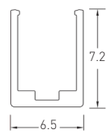
Accessories

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

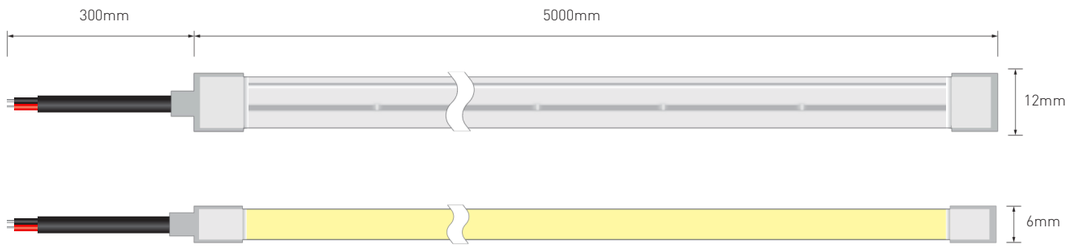
Silicone closed end cap
Dimension: 9.5x6.5x10.5mm (LxWxH)
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-N0612

IP67 FLEX LEDNEON SK-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℃~60℃
Ambient Temperature	Tamin=-25℃, Ta_{max} (Table below)

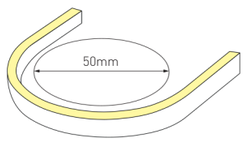
LEDNEON 0612	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(Ta_{max})	55℃	45℃

Note:

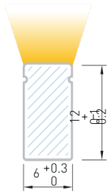
-Max. run length refers to single side feed in serial connection.

-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.



Min bending diameter



Unit: mm
Cross section

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) 单端供电最大串联长(M度)(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

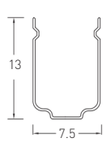
Bottom Cable Entry
The cable could be perfectly hidden to achieve seamless

Integral end cap (IP44)

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

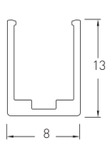
Accessories

Stainless Steel Mounting clips



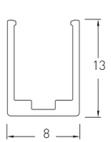
Dimension:
15x7.5x13mm(L x W x H)

Aluminium Mounting clips



Dimension:
20x8x13mm(L x W x H)

Aluminium Profile

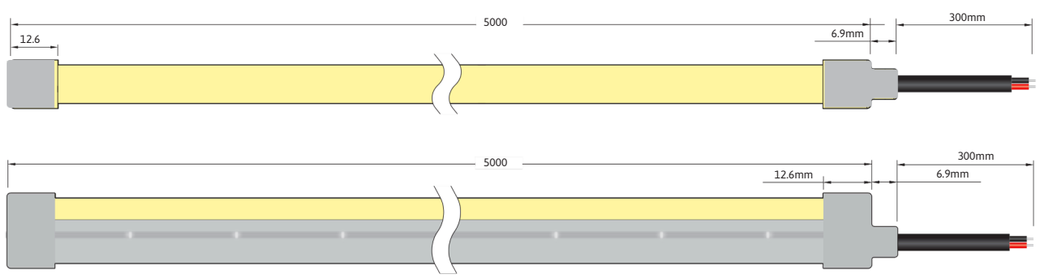


Dimension:
1000x8x13mm(L x W x H)

SK-N0817

"IP67 FLEX LEDNEON SK-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℃~60℃
Ambient Temperature	Tamin=-25℃, Ta_{max} (Table below)

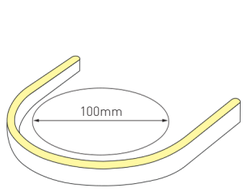
LEDNEON 0817	Low Output	Std Output
Power(W/m)	5W	10W
Max. Ambient tempt.(Ta_{max})	55℃	45℃

Note:

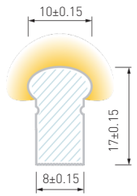
-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the 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.



Min bending diameter



Unit: mm
Cross section

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)	单端供电最大单段长度 Max. Run Length (M)	CC/CV
2100K±150	≥ 90	DC24V	10	270	27	50	130	CC/CV
2400K±150	≥ 90	DC24V	10	280	28.5	50	130	CC/CV
2700K±150	≥ 90	DC24V	10	310	31	50	130	CC/CV
3000K±150	≥ 90	DC24V	10	320	32	50	130	CC/CV
3500K±200	≥ 90	DC24V	10	340	34	50	130	CC/CV
4000K +400	≥ 90	DC24V	10	345	34.5	50	130	CC/CV
5000K 200 +500	≥ 90	DC24V	10	320	32	50	130	CC/CV
6500K 300 +200	≥ 90	DC24V	10	150	15	50	130	CC/CV
Red 600	--	DC24V	10	360	36	50	170	CC/CV
Green	--	DC24V	10	70	7	50	130	CC/CV
Blue	--	DC24V	10	120	12	50	130	CC/CV
Yellow	--	DC24V	10	150	15	50	170	CC/CV
Pink	--	DC24V	10	340		50	130	CC/CV
				320		50		
				150		50		

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

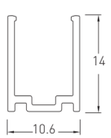
Silicone end cap

Front Cable Entry:

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

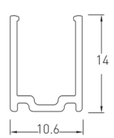
Accessories

Aluminium Mounting Clip



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

Aluminium Profile

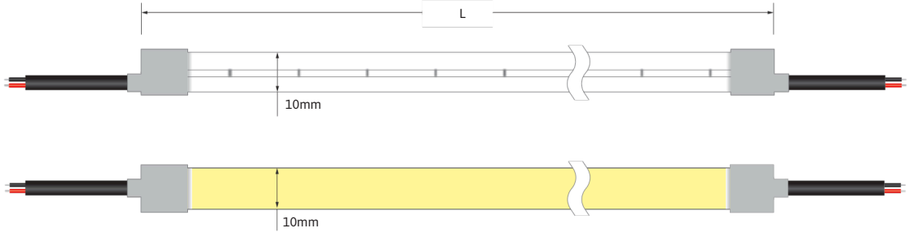


Dimension:
1000x10.6x14mm(L x W x H)

SK-N1010

IP67 FLEX LEDNEON SK-N1010, Side Bend, DC24V. Cross section size 10mm x 10mm(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.

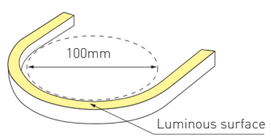
Dimension



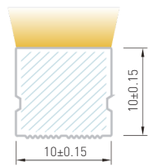
Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-20℃, Tamax (Table below)

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



Min bending diameter



Unit: mm
Cross section

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	≥ 90	DC24V	10	660	66	35.7	5	CV
5000K 200 +500	≥ 90	DC24V	10	670	67	35.7	5	CV
6500K 300 +200	≥ 90	DC24V	10	690	69	35.7	5	CV
Red 600	--	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

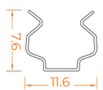
Front Cable Entry
The cable could be hidden in all directions by the flexible design.

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

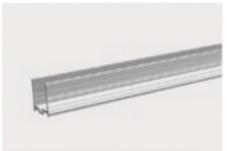


Dimension:
8X7.6X11.6mm

Aluminium Profile

Dimension:
1000(±5)x12.4x13mm

transparent plastic groove



Dimension:
1000(±5)x12x14.3mm

PVC Cable
2PIN
Color: Black

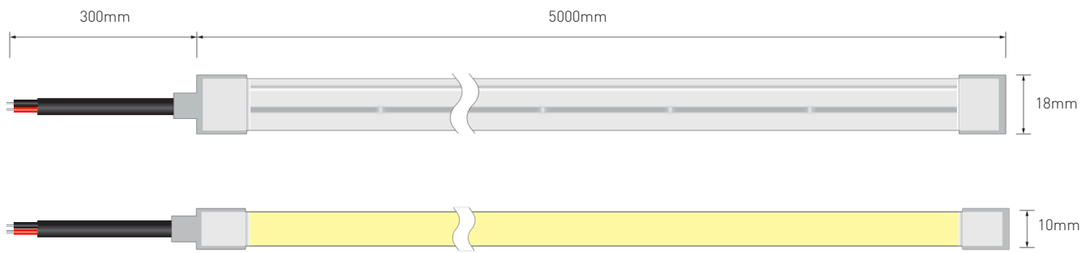
Silicone closed end cap
Dimension: 12x12mm (WxH)
Color: Semi-Transparent

Scissor
Material: stainless steel

SK-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.

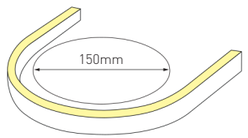
Dimension



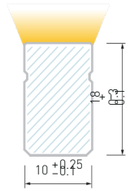
Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, T_{amax} (Table below)

LEDNEON 1018	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(Tamax)	55℃	45℃	35℃



Min bending diameter



Unit: mm
Cross section

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)	单端供电最大串联长度 Max. Run Length (M)	CC/CV
2100K±150	≥ 90	DC24V	10	275	27.5	50	1 (7CC)	CC/CV
2400K±150	≥ 90	DC24V	10	275	27.5	50	1 (7CC)	CC/CV
2700K±150	≥ 90	DC24V	10	315	31.5	50	1 (7CC)	CC/CV
3000K±150	≥ 90	DC24V	10	330	33	50	1 (7CC)	CC/CV
3500K±200	≥ 90	DC24V	10	330	33	50	1 (7CC)	CC/CV
4000K +400 -200	≥ 90	DC24V	10	355	35.5	50	1 (7CC)	CC/CV
5000K +500 -300	≥ 90	DC24V	10	350	35	50	1 (7CC)	CC/CV
6500K ±200	≥ 90	DC24V	10	355	35.5	50	1 (7CC)	CC/CV
Red 600	--	DC24V	10	145	14.5	50	1 (8CC)	CC/CV
Green	--	DC24V	10	370	37	50	1 (7CC)	CC/CV
Blue	--	DC24V	10	65	6.5	50	1 (7CC)	CC/CV
Yellow	--	DC24V	10	145	14.5	50	1 (8CC)	CC/CV
Pink	--	DC24V	10	150	15	50	1 (7CC)	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

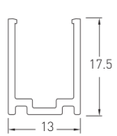
Cable Entry

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

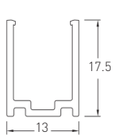
Silicone end cap
Side Cable Entry:
The cable could be perfectly hidden to achieve seamless light connection.

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)

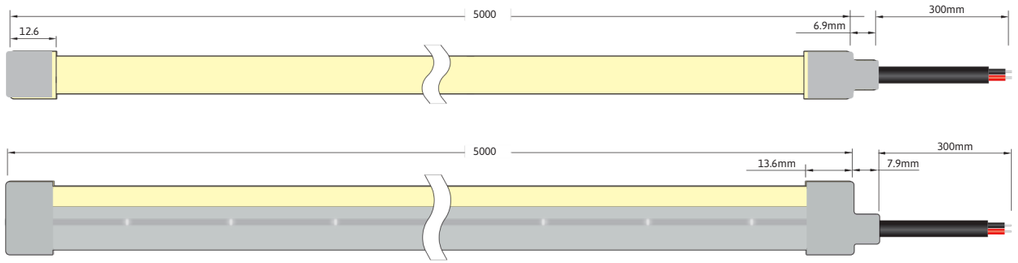


Aluminium Profile
Dimension:
1000x13x17.5mm(L x W x H)

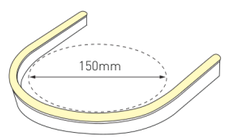
SK-N1023

IP67 FLEX LEDNEON SK-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.

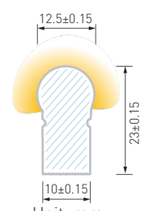
Dimension



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



Min bending diameter



Unit: mm
Cross section

LEDNEON 1023	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(Ta_{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	310	31	50	1 (7CC)	CC/CV
2400K±150	≥ 90	DC24V	10	320	32	50	1 (7CC)	CC/CV
2700K±150	≥ 90	DC24V	10	350	35	50	1 (7CC)	CC/CV
3000K±150	≥ 90	DC24V	10	350	35	50	1 (7CC)	CC/CV
3500K±200	≥ 90	DC24V	10	380	38	50	1 (7CC)	CC/CV
4000K +400	≥ 90	DC24V	10	390	39	50	1 (7CC)	CC/CV
5000K 200 +500	≥ 90	DC24V	10	380	38	50	1 (7CC)	CC/CV
6500K 300 +200	≥ 90	DC24V	10	350	35	50	1 (7CC)	CC/CV
Red 600	--	DC24V	10	150	15	50	1 (8CC)	CC/CV
Green	--	DC24V	10	405	40.5	50	1 (7CC)	CC/CV
Blue	--	DC24V	10	75	7.5	50	1 (7CC)	CC/CV
Yellow	--	DC24V	10	125	12.5	50	1 (8CC)	CC/CV
Pink	--	DC24V	10	160	16	50	1 (7CC)	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

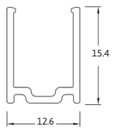
Cable Entry

Silicone end cap

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

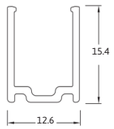
Accessories

Aluminium Mounting clips



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

Aluminium Profile

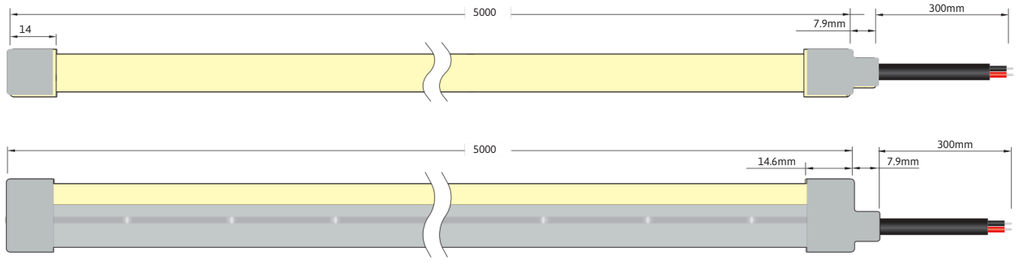


Dimension:
1000x12.6x15.4mm(L x W x H)

SK-N1225

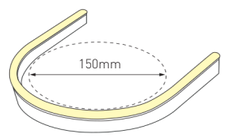
IP67 FLEX LEDNEON SK-N1225, Side bend, DC24V. Cross section size 12mm x 25mm(W x H), which is horizontal bending with diameter of 150mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension

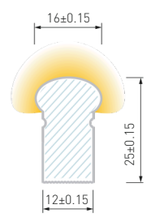


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

LEDNEON 1225	Low Output	Std Output	High Output
Power(W/m)	5W	10W	15W
Max. Ambient tempt.(Tamax)	55℃	45℃	35℃



Min bending diameter



Unit: mm
Cross section

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	24	24	50	1 (7CC)	CC/CV
2400K±150	≥ 90	DC24V	10	0	27	50	1 (7CC)	CC/CV
2700K±150	≥ 90	DC24V	10	27	29	50	1 (7CC)	CC/CV
3000K±150	≥ 90	DC24V	10	0	29	50	1 (7CC)	CC/CV
3500K±200	≥ 90	DC24V	10	29	30.	50	1 (7CC)	CC/CV
4000K +400	≥ 90	DC24V	10	0	5	50	1 (7CC)	CC/CV
5000K +500	≥ 90	DC24V	10	29	32	50	1 (7CC)	CC/CV
6500K +200	≥ 90	DC24V	10	0	30	50	1 (7CC)	CC/CV
Red	--	DC24V	10	30	31.	50	1 (8CC)	CC/CV
Green	--	DC24V	10	5	5	50	1 (7CC)	CC/CV
Blue	--	DC24V	10	32	12.	50	1 (7CC)	CC/CV
Yellow	--	DC24V	10	0	5	50	1 (8CC)	CC/CV
Pink	--	DC24V	10	30	34	50	1 (7CC)	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	150	30	50	5	CV
W	≥ 90	DC24V	5	157.	31.	50	5	CV
W+WW	≥ 90	DC24V	10	295	29.	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	29.	9	62.5	5	CV
G	--	DC24V	3.3	85.	26	62.5	5	CV
B	--	DC24V	3.3	8	13.5	62.5	5	CV
RGB	--	DC24V	10	16.		62.5	5	CV

RGBW PARAMETER

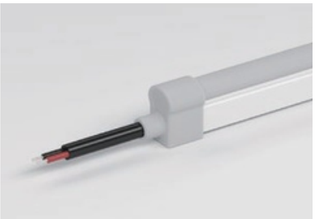
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	15	6	62.5	5	CV
G	--	DC24V	2.5	67.5	27	62.5	5	CV
B	--	DC24V	2.5	12.5	5	62.5	5	CV
W(2700K±200)	≥80	DC24V	2.5	70	28	62.5	5	CV
RGBW	--	DC24V	10	160	16	62.5	5	CV

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 +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			CV

Cable Entry

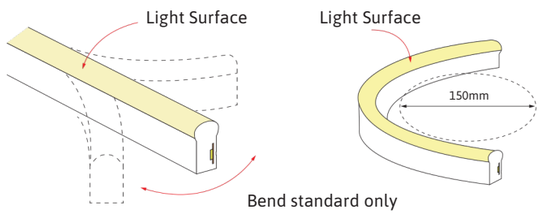


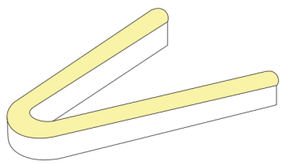
Silicone end cap

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

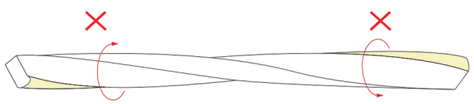
Operation Guidance

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;

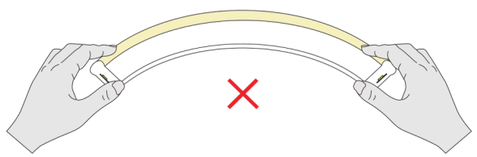




Too sharp



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

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

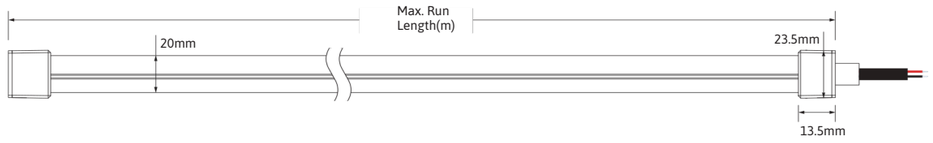
Silicone closed end cap
Dimension: 14x14.5x27.5mm (LXWxH)
Color: Semi-Transparent

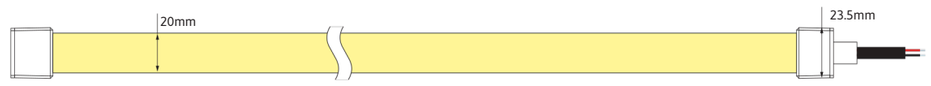
Scissor
Material: stainless steel

SK-N2020

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

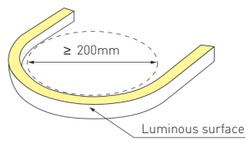
Dimension



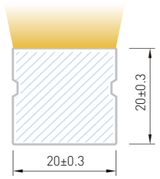


Technical Data	
Working Voltage	DC24V
CRI	>90
Rated Power/m	5w/10w/15w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, $T_{a_{max}}$ (Table below)

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



Min bending diameter



Unit: mm
Cross section

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	Voltag e	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2100K±150	≥ 90		10	380	38	50	1 (7CC)	CC/CV
2400K±150	≥ 90	DC24V	10	450	45	50	1 (7CC)	CC/CV
2700K±150	≥ 90	DC24V	10	460	46	50	1 (7CC)	CC/CV
3000K±150	≥ 90	DC24V	10	430	43	50	1 (7CC)	CC/CV
3500K±200	≥ 90	DC24V	10	480	48	50	1 (7CC)	CC/CV
4000K +400 −200	≥ 90	DC24V	10	470	47	50	1 (7CC)	CC/CV
5000K +500 −300	≥ 90	DC24V	10	470	47	50	1 (7CC)	CC/CV
6500K ±200	≥ 90	DC24V	10	460	46	50	1 (7CC)	CC/CV
Red 600	--	DC24V	10	220	22	50	1 (8CC)	CC/CV
Green	--	DC24V	10	350	35	50	1 (7CC)	CC/CV
Blue	--	DC24V	10	100	10	50	1 (7CC)	CC/CV
Yellow	--	DC24V	10	210	21	50	1 (8CC)	CC/CV
Pink	--	DC24V	10	340	34	50	1 (7CC)	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

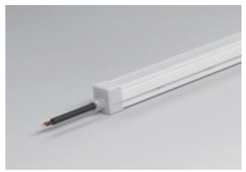
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	2.5	35	14	62.5	5	CV
G	--	DC24V	2.5	97.5	39	62.5	5	CV
B	--	DC24V	2.5	30	12	62.5	5	CV
W(3000K±200)	≥80	DC24V	2.5	130	52	62.5	5	CV
RGBW	--	DC24V	10	290	29	62.5	5	CV

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	35	12	62.5	5	CV
W(6500K±500)	≥80	DC24V	2.5	97.5	54	62.5	5	CV
RGBW	--	DC24V	10	30 135 310	31	62.5	5	CV

Cable Entry

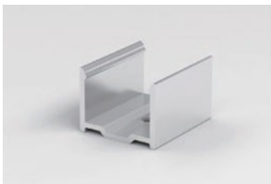
Silicone end cap



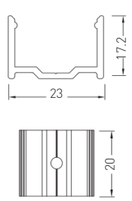
Front Cable Entry
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips

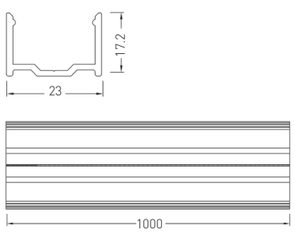


Dimension:
20x23x17.2mm



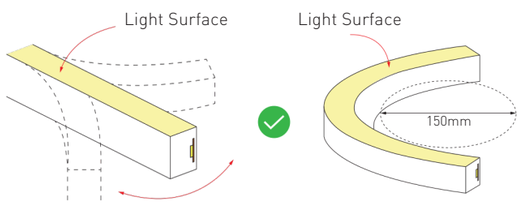
Aluminium Profile

Dimension:
1000(±5)x23x17.2mm

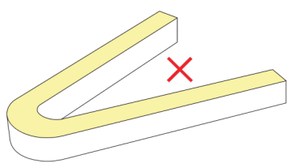


Operation Guidance

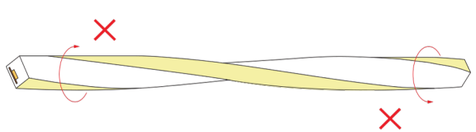
The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



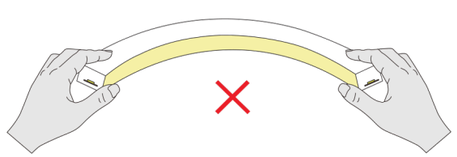
Bend standard only



Too sharp



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

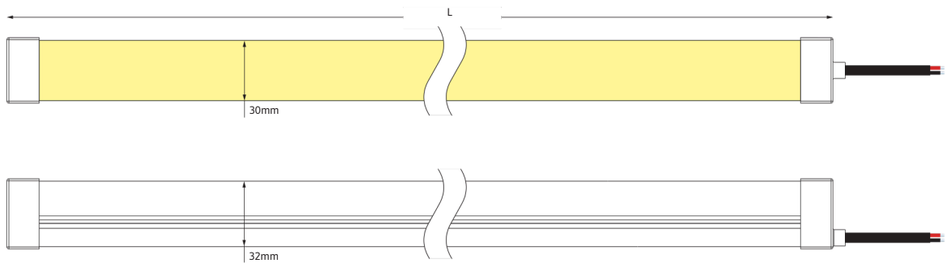


Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

SK-N3032

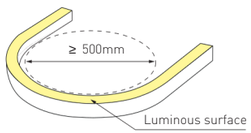
IP67 FLEX LEDNEON SK-N3032, Side bend, DC24V. Cross section size 30mm x 32mm(W x H), which is horizontal bending with diameter of 500mm. It is IP67 protected, UV resistant, solvents resistant and saltwater resistant. Dot free will bring the most excellent performance for indoor & outdoor applications.

Dimension

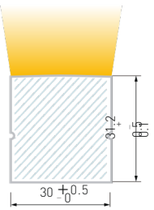


Technical Data

Working Voltage	DC24V
CRI	>90
Rated Power/m	16w/20w/24w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, $T_{a_{max}}$ (Table below)



Min bending diameter



Unit: mm
Cross section

LEDNEON 3020	Low Output	Std Output	High Output
Power(W/m)	16W	20W	24W
Max. Ambient tempt.(Ta_{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
2700±150	≥90	DC24V	15	84	43	50	12 (CC)	CC/CV
3000±150	≥90	DC24V	15	95	44	50	12 (CC)	CC/CV
4000+400200	≥90	DC24V	15	660	49.5	50	12 (CC)	CC/CV
6500+200600	≥90	DC24V	15	740	44.4	50	12 (CC)	CC/CV
Red	--	DC24V	15	663	18.9	50	12 (CC)	CC/CV
Green	--	DC24V	15	286	42.1	50	12 (CC)	CC/CV
Blue	--	DC24V	15	634	9.9	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	142	18.2	50	12 (CC)	CC/CV
Orange	--	DC24V	15	195	38.5	50	12 (CC)	CC/CV
Pink	--	DC24V	15	105	21.0	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	31	41.9	62.5	5	CV
6500±500	≥90	DC24V	15	43	45.4	62.5	5	CV
2700+6500	≥90	DC24V	7.5	341	43.3	62.5	5	CV
			15	650			12 (CC)	CC/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 G	--	DC24V	5	75	14.9	83.3	5	CV
B	--	DC24V	5	275	54.9	83.3	5	CV
RG	--	DC24V	5	48	9.6	83.3	5	CV
B	--	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 G B	--	DC24V	3.5	63	16.7	83.3	5	CV
2700±150	--	DC24V	8	22	59.5	83.3	5	CV
0 RGBW	--	DC24V	3.5	6	12.5	83.3	5	CV
	>90	DC24V	8	48	51.9	83.3	5	CV
	0 -	DC24V	3.5	19	34.4	83.3	5	CV
	-	Voltage	8	7	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
CCT(K)	CRI	DC24V	Power(W)	Lumen (LM/M)				
R G B	--	DC24V	3.5	51	16.9	83.3	5	CV
3000±150	--	DC24V	8	64	59.1	83.3	5	CV
0 RGBW	--	DC24V	3.5	6	11.4	83.3	5	CV
	>90	DC24V	8	22	52.4	83.3	5	CV
	0 -	Voltage	3.5	5	34.5	83.3	5	CC/CV
	-	DC24V	8	43	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CV
CCT(K)	CRI	DC24V	Power(W)	19				
R G B	--	DC24V	3.5	9	17.9	83.3	5	CV
4000±30	--	DC24V	8	51	61.1	83.3	5	CV
0 RGBW	--	DC24V	3.5	68	13.4	83.3	5	CV
	>90	Voltage	8	8	57.8	83.3	5	CV
	0 -	DC24V	3.5	23	36.1	83.3	5	CC/CV
	-	DC24V	8	2	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CV
CCT(K)	CRI	DC24V	Power(W)	51				
R G B	--	DC24V	3.5	22	17	83.3	5	CV
6500±50	--	DC24V	8	54	59.	83.3	5	CV
0 RGBW	--	DC24V	3.5	65	3	83.3	5	CV
	>90		8	22	11.	83.3	5	
	0 -		3.5	5	8	83.3	5	
	-		8	45	52.4			
			3.5	19	34.3			
			8	9				
			15	51				
				5				

Cable Entry

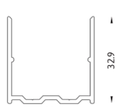
Silicone end cap

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

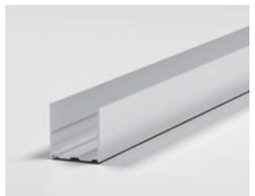
Accessories

Aluminium Mounting clips

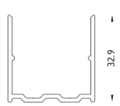
Dimension:
20x33.1x32.9mm



Aluminium Profile

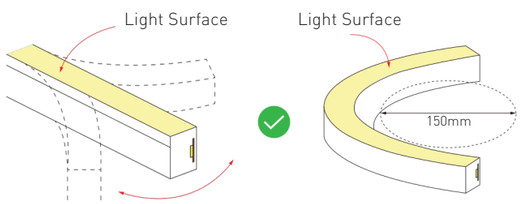


Dimension:
1000x33.1x32.9mm

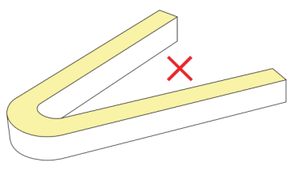


Operation Guidance

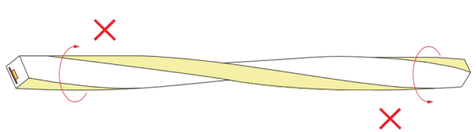
The LED neon strip can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



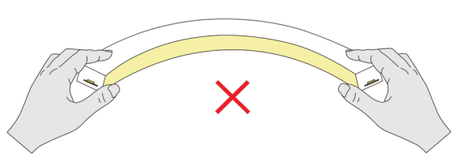
Bend standard only



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 vertically, otherwise the LED, resistance and other internal circuit will be broken.