

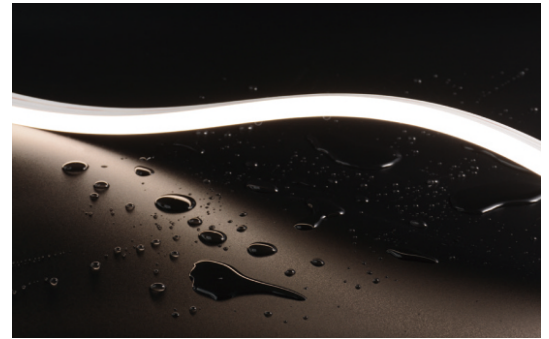
SPECIFICATION SIDE BEND NEON

NS-S1220 24V IP67

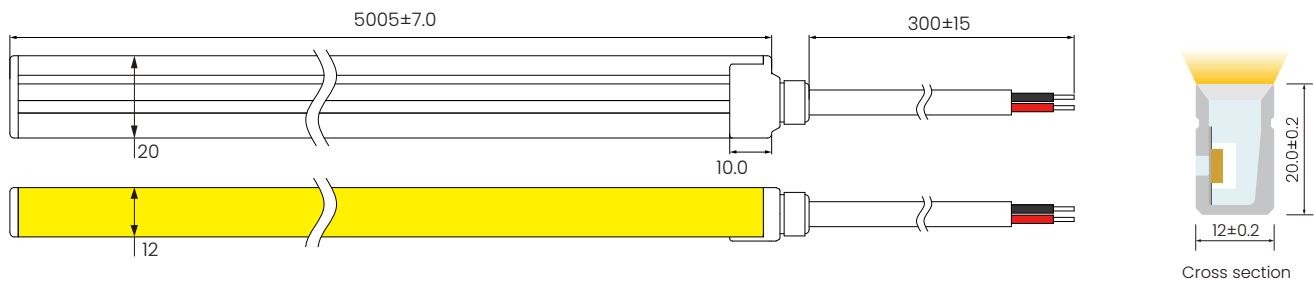


Features

- It is made of Dow Chemical SILASTIC™ ET-7021 silicone rubber, which provides high transparency and high strength.
- 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.
- 3-5 years warranty, working life ≥50000 hours.



Dimensions(Unit:mm)



General Parameters

Voltage	DC24V
LED Solder-Point Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C, Max (Table below)
CRI	see parameter tables

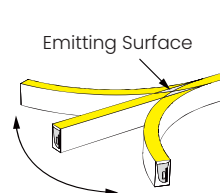
Power Ratings

Power(w/m)	5	10	15
Efficacy(lm/w)@4000K	CV : 62.6 CC : 53.6	CV : 60.3 CC : 51.7	CV : 58.4 CC : 50.1
Max Ambient Temperature	55°C	45°C	35°C

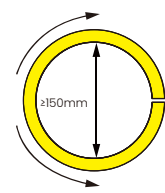
Due to production and component tolerances, light output and electrical power may vary by up to ±10%.

Length Standard

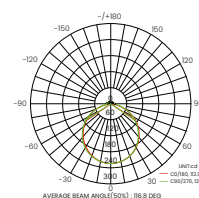
Length Range (M)	Final Length			Tolerance
	Integral end cap	Solder free end cap	Silicone end cap	
0M<Neon Strip(L)≤5M	L+5	L+32	L+5.5	±7
5M<Neon Strip(L)≤10M	L+5	L+32	L+5.5	±10
10M<Neon Strip(L)≤15M	L+5	L+32	L+5.5	±13
Length Range (M)	Final Length			Tolerance
	Integral end cap	Solder free end cap	Silicone end cap	
15M<Neon Strip(L)≤20M	L+5	L+32	L+5.5	±16
20M<Neon Strip(L)≤25M	L+5	L+32	L+5.5	±19
25M<Neon Strip(L)≤30M	L+5	L+32	L+5.5	±22
30M<Neon Strip(L)≤35M	L+5	L+32	L+5.5	±25



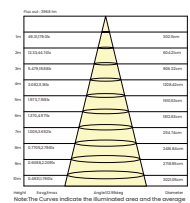
Horizontal Bending



Min. Bending Diameter



Light Distribution Curve



Effective Average Illuminance

Note: The above data is based on a 24 V, 10 W/m, single-color product at 4000 K. For IES files for other versions, contact our sales team.

Single Color-CV : Model-NS-S1220V24-Cx-B

CCT(K)	SDCM	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1800K±150	--	≥90	DC24V	5	241	48.2	50	10	CV
				10	459	45.9	50	7	CV
				15	657	43.8	50	5	CV
2100K±150	--	≥90	DC24V	5	274	54.8	50	10	CV
				10	522	52.2	50	7	CV
				15	747	49.8	50	5	CV
2400K±150	--	≥90	DC24V	5	300	60.0	50	10	CV
				10	574	57.4	50	7	CV
				15	828	55.2	50	5	CV
2700K	≤3	≥90	DC24V	5	313	62.7	50	10	CV
				10	597	59.7	50	7	CV
				15	854	56.9	50	5	CV
3000K	≤3	≥90	DC24V	5	324	64.7	50	10	CV
				10	618	61.8	50	7	CV
				15	892	59.5	50	5	CV
3500K	≤3	≥90	DC24V	5	306	61.2	50	10	CV
				10	583	58.3	50	7	CV
				15	834	55.6	50	5	CV
4000K	≤3	≥90	DC24V	5	313	62.6	50	10	CV
				10	603	60.3	50	7	CV
				15	876	58.4	50	5	CV
5000K	≤4	≥90	DC24V	5	320	64.0	50	10	CV
				10	615	61.5	50	7	CV
				15	891	59.4	50	5	CV
6500K	≤5	≥90	DC24V	5	319	63.7	50	10	CV
				10	614	61.4	50	7	CV
				15	891	59.4	50	5	CV
Red	--	--	DC24V	5	134	26.7	50	15	CV
				10	268	26.8	50	9	CV
				15	395	26.3	50	7	CV
Green	--	--	DC24V	5	362	72.3	50	12	CV
				10	601	60.1	50	9	CV
				15	776	51.7	50	7	CV
Blue	--	--	DC24V	5	62	12.4	50	8	CV
				10	118	11.8	50	6	CV
				15	164	10.9	50	5	CV
Yellow	--	--	DC24V	5	98	19.6	50	13	CV
				10	201	20.1	50	8	CV
				15	287	19.1	50	7	CV
Orange	--	--	DC24V	5	115	20.1	50	13	CV
				10	250	25.0	50	9	CV
				15	357	23.8	50	7	CV
Pink	--	--	DC24V	5	279	55.8	50	10	CV
				10	536	53.6	50	6	CV
				15	776	51.7	50	5	CV

Single Color-CC : Model NS-S1220V24-CCx-B

CCT(K)	SDCM	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1800K±150	--	≥90	DC24V	5	206	41.3	50	27	CC
				10	393	39.3	50	18	CC
				15	563	37.5	50	12	CC
2100K±150	--	≥90	DC24V	5	235	47.0	50	27	CC
				10	447	44.7	50	18	CC
				15	640	42.7	50	12	CC
2400K±150	--	≥90	DC24V	5	257	51.4	50	27	CC
				10	492	49.2	50	18	CC
				15	710	47.3	50	12	CC
2700K	≤3	≥90	DC24V	5	269	53.7	50	27	CC
				10	512	51.2	50	18	CC
				15	732	48.8	50	12	CC
3000K	≤3	≥90	DC24V	5	277	55.5	50	27	CC
				10	530	53.0	50	18	CC
				15	765	51.0	50	12	CC
3500K	≤3	≥90	DC24V	5	262	52.5	50	27	CC
				10	500	50.0	50	18	CC
				15	715	47.7	50	12	CC
4000K	≤3	≥90	DC24V	5	268	53.6	50	27	CC
				10	517	51.7	50	18	CC
				15	751	50.1	50	12	CC
5000K	≤4	≥90	DC24V	5	274	54.9	50	27	CC
				10	527	52.7	50	18	CC
				15	764	50.9	50	12	CC
6500K	≤5	≥90	DC24V	5	273	54.6	50	27	CC
				10	526	52.6	50	18	CC
				15	764	50.9	50	12	CC
Red	--	--	DC24V	5	115	22.9	50	35	CC
				10	230	23.0	50	18	CC
				15	--	--	--	--	--
Green	--	--	DC24V	5	310	62.0	50	27	CC
				10	515	51.5	50	16	CC
				15	665	44.3	50	10	CC
Blue	--	--	DC24V	5	53	10.7	50	27	CC
				10	101	10.1	50	18	CC
				15	141	9.4	50	12	CC
Yellow	--	--	DC24V	5	84	16.8	50	35	CC
				10	172	17.2	50	18	CC
				15	--	--	--	--	--
Orange	--	--	DC24V	5	86	17.2	50	35	CC
				10	214	21.4	50	18	CC
				15	--	--	--	--	--
Pink	--	--	DC24V	5	239	47.9	50	27	CC
				10	459	45.9	50	18	CC
				15	665	44.3	50	12	CC

Free Cut : Model NS-SI220V24MINI-Cx-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1800±150	≥90	DC24V	10	464	46.4	8.3	5	CV
2100±150	≥90	DC24V	10	552	55.2	8.3	5	CV
2400±150	≥90	DC24V	10	591	59.1	8.3	5	CV
2700	≥90	DC24V	10	615	61.5	8.3	5	CV
3000	≥90	DC24V	10	636	63.6	8.3	5	CV
3500	≥90	DC24V	10	650	65.0	8.3	5	CV
4000	≥90	DC24V	10	632	63.2	8.3	5	CV
5000	≥90	DC24V	10	641	64.1	8.3	5	CV
6500	≥90	DC24V	10	620	62.0	8.3	5	CV

Tunable White : Model NS-SI220V24-Ca-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	9.5	516	54.3	71.4	5	CV
6500K±500	≥90	DC24V	9.5	521	54.8	71.4	5	CV
2700K+6500K	≥90	DC24V	11	626	56.9	71.4	5	CV

RGB : Model NS-SI220V24-Crgb-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	56	16.9	83.3	5	CV
G	--	DC24V	3.3	180	54.5	83.3	5	CV
B	--	DC24V	3.3	31	9.3	83.3	5	CV
RGB	--	DC24V	10	256	25.6	83.3	5	CV

RGB : Model NS-SI220V24-CCrgb-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.6	50	14	125	13	CC
G	--	DC24V	3.6	190	53	125	13	CC
B	--	DC24V	3.6	32	9	125	13	CC
RGB	--	DC24V	11	273	25	125	13	CC

RGBW Pixel DMX512 : Model NS-SI220V24-Crgbwx-UCS512C1L-8P-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	Pixel(PCS)	ICModel
R	--	DC24V	5	37	7.4	125	7	8	UCS512C1L
G	--	DC24V	5	109	21.9	125	7	8	UCS512C1L
B	--	DC24V	5	25	4.9	125	7	8	UCS512C1L
W:4000 ⁺⁴⁰⁰ ₋₂₀₀	≥80	DC24V	5	121	24.1	125	7	8	UCS512C1L
RGBW	--	DC24V	15	291	19.4	125	7	8	UCS512C1L

Note: RGBW full brightness is limited to 15 W/m

RGBW : Model NS-SI220V24-Crgbwx-B

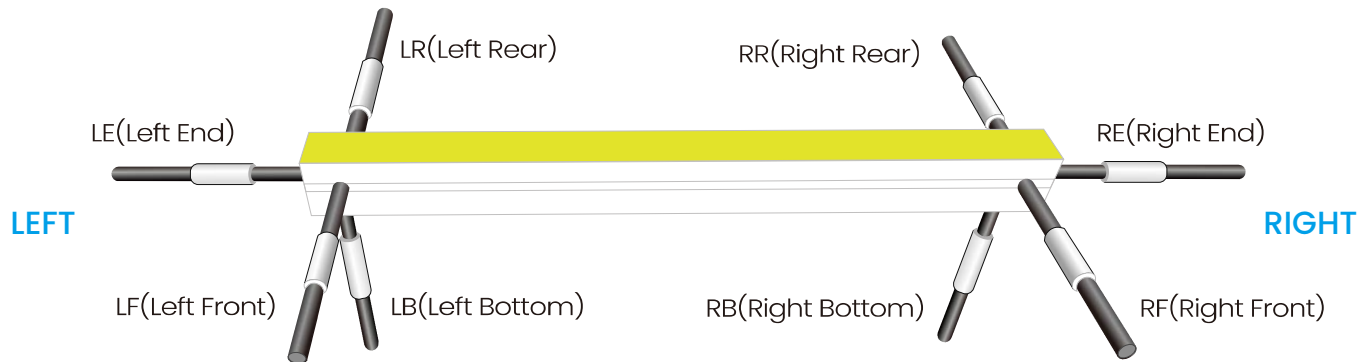
CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.8	65	17	83.3	5	CV
G	--	DC24V	3.8	229	61	83.3	5	CV
B	--	DC24V	3.8	42	11	83.3	5	CV
W:2700±150	≥90	DC24V	3.8	209	56	83.3	5	CV
RGBW	--	DC24V	15	548	37	83.3	5	CV
R	--	DC24V	3.8	65	17	83.3	5	CV
G	--	DC24V	3.8	229	61	83.3	5	CV
B	--	DC24V	3.8	42	11	83.3	5	CV
W:3000±150	≥90	DC24V	3.8	219	58	83.3	5	CV
RGBW	--	DC24V	15	567	38	83.3	5	CV
R	--	DC24V	3.8	65	17	83.3	5	CV
G	--	DC24V	3.8	229	61	83.3	5	CV
B	--	DC24V	3.8	42	11	83.3	5	CV
W4000 ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	3.8	212	57	83.3	5	CV
RGBW	--	DC24V	15	558	37	83.3	5	CV
R	--	DC24V	3.8	65	17	83.3	5	CV
G	--	DC24V	3.8	229	61	83.3	5	CV
B	--	DC24V	3.8	42	11	83.3	5	CV
W:6500±500	≥90	DC24V	3.8	213	57	83.3	5	CV
RGBW	--	DC24V	15	554	37	83.3	5	CV

RGBW : Model NS-SI220V24-CCrgbwx-B

CCT(K)	CRI	Voltage	Power(W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.6	54	15	125	10	CC
G	--	DC24V	3.6	130	36	125	10	CC
B	--	DC24V	3.6	35	10	125	10	CC
W:4000K±300	≥90	DC24V	3.6	156	43	125	10	CC
RGBW	--	DC24V	15	380	25	125	10	CC

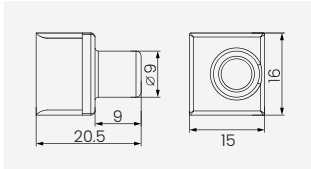
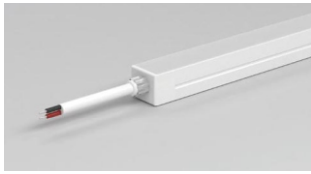
- Maximum run length refers to the maximum length powered from one end using the standard 30 cm cable.
- The specified color temperature refers to the finished product.
- The values shown are typical. Due to production and component tolerances, light output and electrical power may vary by up to $\pm 10\%$.
- All products can be dimmed; The dimmer voltage must match the rated voltage of the LED strip.
- The output frequency of the dimmer of the constant-current led light should be **less than 2k Hz**, and the output PWM can control the led light.

Cable Entry Directions

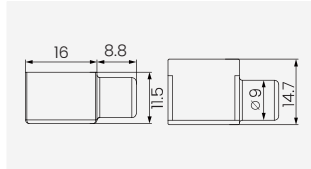


Cable Entry and End Cap Options (Unit: mm)

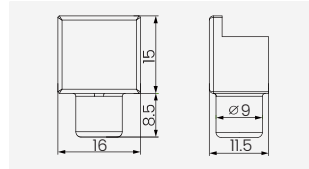
Integral End Cap : Hot pressing (IP67)



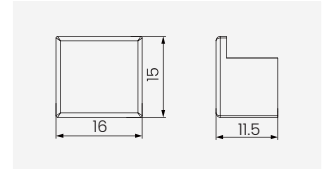
Front Cable Entry



Side Cable Entry

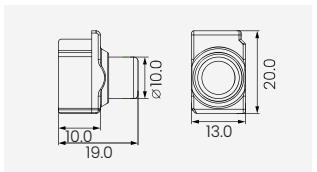


Bottom Cable Entry

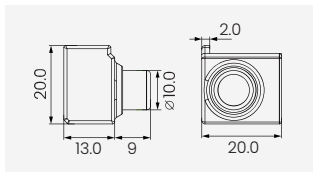


Closed End cap

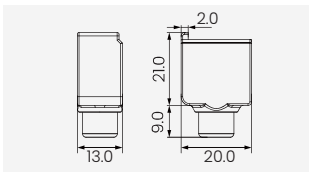
Integral End Cap : Hydraulic pressing (IP67)



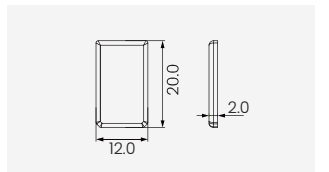
Front Cable Entry



Side Cable Entry

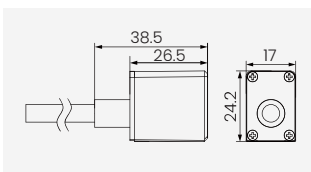
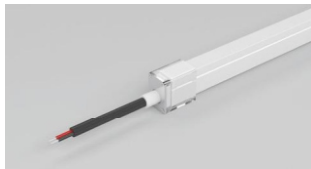


Bottom Cable Entry

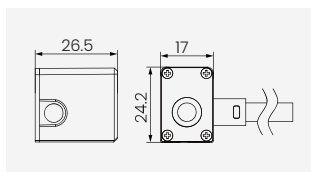


Closed End cap

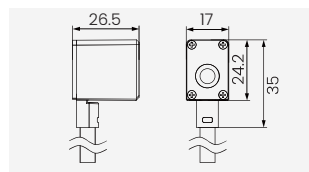
Solder Free End Cap (IP67)



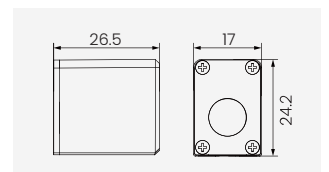
Front Cable Entry



Side Cable Entry

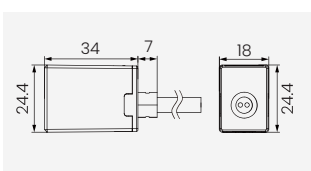
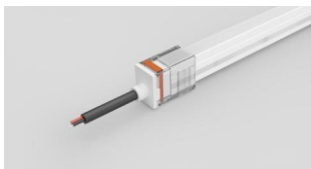


Bottom Cable Entry

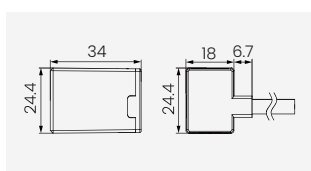


Closed End cap

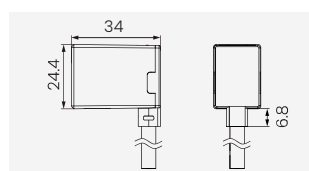
Solder Free End Cap without screws (IP67)



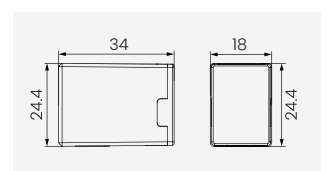
Front Cable Entry



Side Cable Entry



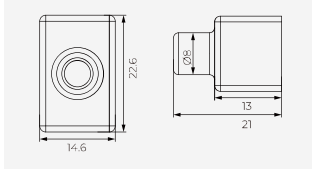
Bottom Cable Entry



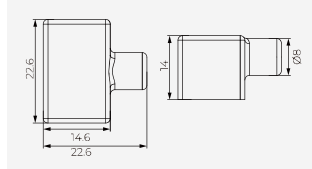
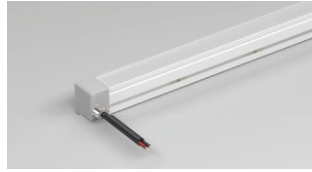
Closed End cap

Cable Entry and End Cap Options (Unit: mm)

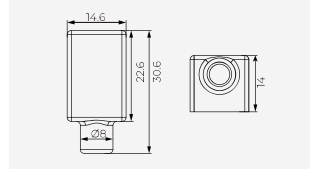
Silicone end cap (IP67)



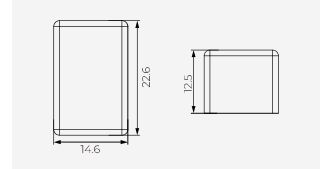
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Cables and Connectors

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0 mm / Inner core: 20AWG	● ●	Red V+/Black V-
		OD: 5.0 mm / Inner core: 20AWG	● ● ●	Brown V+/White W/Yellow WW
		OD: 5.5 mm / Inner core: 20AWG	● ● ● ●	Black V+/Blue B/Green G/Red R
		OD: 5.5 mm / Inner core: 22AWG	● ● ● ● ●	Black V+/White W/Blue B/Green G/Red R
Waterproof Connector with PVC Cable		OD: 5.0 mm / Inner core: 20AWG M12 Male/Female Connector	● ●	Red V+/Black V-
		OD: 5.0 mm / Inner core: 20AWG M12 Male/Female Connector	● ● ●	Brown V+/White W/Yellow WW
		OD: 5.5 mm / Inner core: 20AWG M12 Male/Female Connector	● ● ● ●	Black V+/Blue B/Green G/Red R
		OD: 5.5 mm / Inner core: 22AWG M12 Male/Female Connector	● ● ● ● ●	DMX512: RedV+/GreenPI/PO BlueAI/AO/WhiteBI/BO/BlackV-
		OD: 5.5 mm / Inner core: 22AWG M12 Male/Female Connector	● ● ● ● ●	Black V+/White W/Blue B/Green G/Red R
Silicone Cable		OD: 6.0mm / Inner core: 20AWG	● ●	Red V+/Black V-
		OD: 6.0mm / Inner core: 20AWG	● ● ●	Brown V+/White W/Yellow WW
		OD: 6.0mm / Inner core: 20AWG	● ● ● ●	Black V+/Blue B/Green G/Red R
		OD: 6.4 mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG	● ● ● ● ●	Black V+/White W/Blue B/Green G/Red R
Waterproof Connector with Silicone Cable		OD: 6.0 mm / Inner core: 20AWG M12 Male/Female Connector	● ●	Red V+/Black V-
		OD: 6.0 mm / Inner core: 20AWG M12 Male/Female Connector	● ● ●	Black V+/White W/Yellow WW
		OD: 6.0 mm / Inner core: 20AWG M12 Male/Female Connector	● ● ● ●	Black V+/Blue B/Green G/Red R
		OD: 6.4 mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12 Male/Female Connector	● ● ● ● ●	DMX512: RedV+/GreenPI/PO BlueAI/AO/WhiteBI/BO/BlackV-
		OD: 6.4 mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12 Male/Female Connector	● ● ● ● ●	Black V+/White W/Blue B/Green G/Red R

Cable Maximum Load Capacity

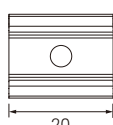
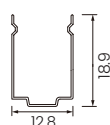
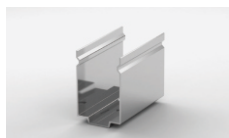
a. For assembled end caps with single-ended power supply, the maximum load is shown below.

Color	Maximum load current(A)	DC24V Maximum load Power(W)	DC12V Maximum load Power(W)
Single color	4.2	100	50
CCT Tunable	3.5	84	42
RGB	3	72	36
RGBW	3	72	36

b. When a single-color LED neon strip is powered from one end and the power exceeds the values listed, use an integral or silicone end cap.

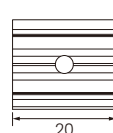
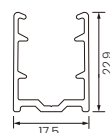
Installation Accessories

Mounting Clips



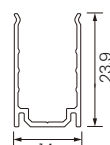
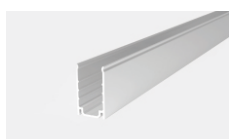
Name	Mounting Clips
Dimension:	20x12.8x18.9mm
Accessories:	M3 × 16 mm (SUS304)

Aluminum Mounting Clips



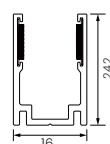
Name	Aluminum Mounting Clips
Dimension:	20x17.5x22.9mm
Accessories:	M3 × 16 mm (SUS304)

Aluminum Profile



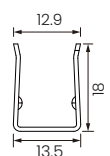
Name	Aluminum Profile
Dimension:	1000(±0.5)x14x23.9mm
Accessories:	M3 × 16 mm (SUS304)

Internal Gear Profile



Name	Internal Gear Profile
Dimension:	1000(±0.5)x16x24.2mm
Accessories:	M3 × 16 mm (SUS304)

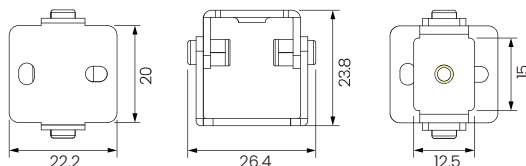
Curved Profile



Name	Curved Profile
Dimension:	1000x13.5x18mm
Accessories:	M3 × 16 mm (SUS304)

Installation Accessories

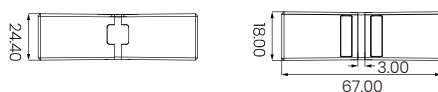
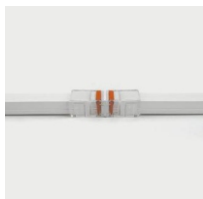
Adjustable Angle Clip
(use with aluminum clips or profile)



Dimension: 22.2x26.4x23.8mm

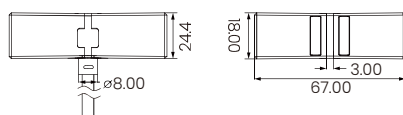
Accessories: Screw M3x25mm(SUS304)/Screw M3.5x8mm(SUS304)

IP67 Connector (No Cable Entry)



Connects two neon sections after cutting.

IP67 Connector (Cable Entry)



Connects two neon sections after cutting.

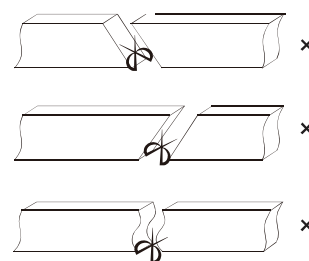
Cutting Mark



Note:
The bottom of the LED strip has a transparent window. The black mark indicates the cutting position.



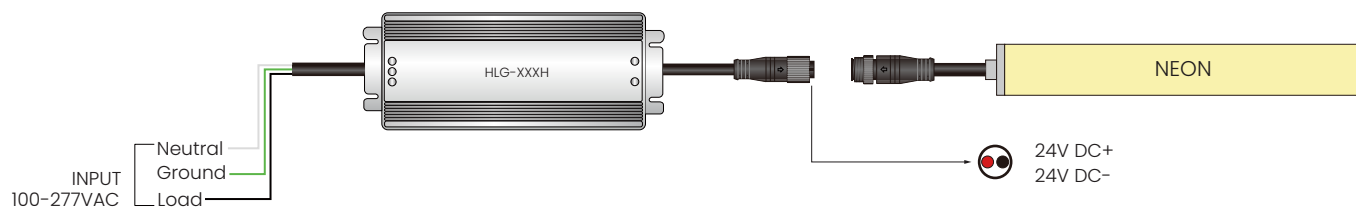
Use a professional cutting tool to cut vertically at the cutting mark.



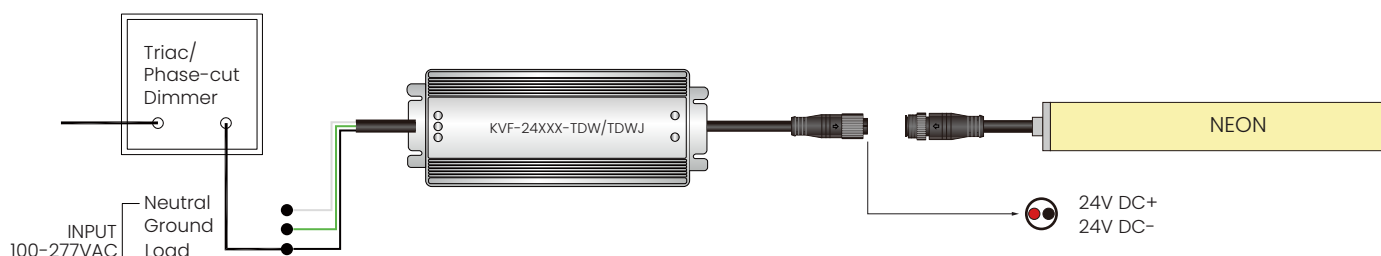
Please don't be feel free to cut and cut into an oblique angle or cambered section.

Single Color Connection Diagram

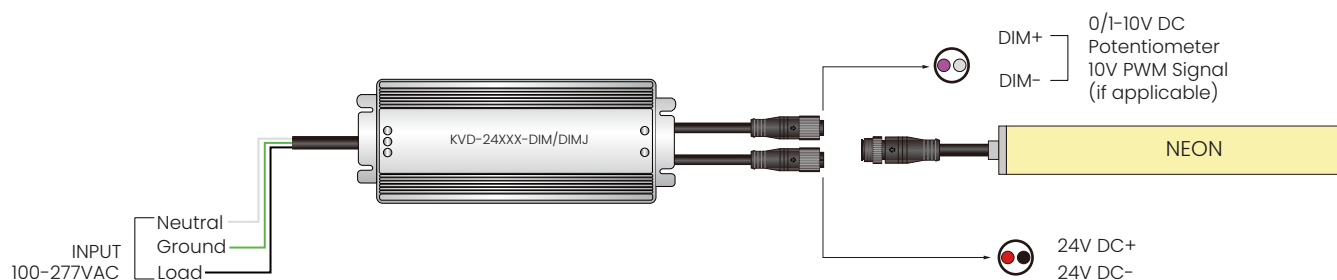
Non-dimmable



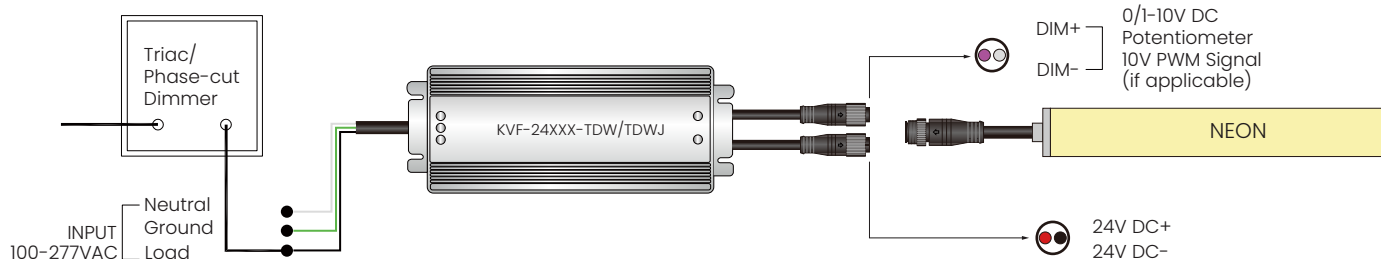
Phase-Cut / TRIAC Dimming



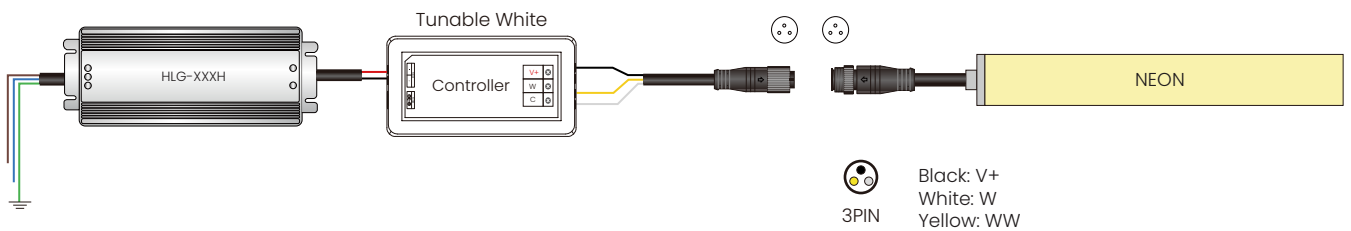
4-in-1 Dimming(0-10V/1-10V/Potentiometer/10V PWM)



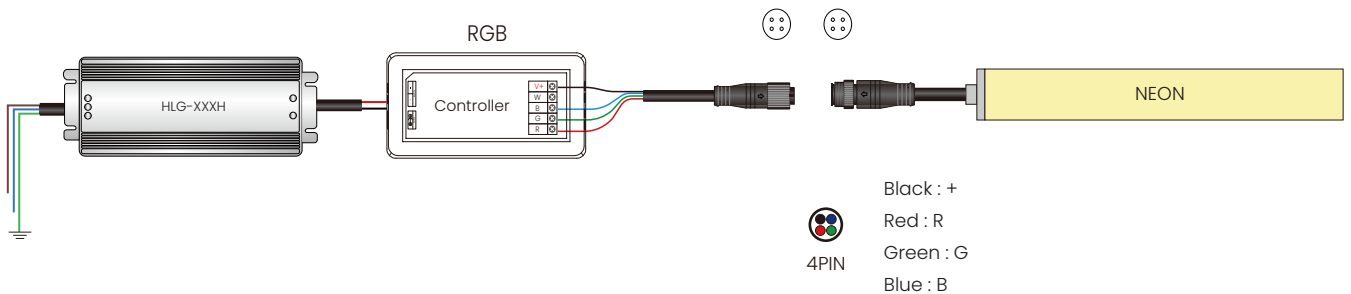
5-in-1 Dimming (Triac/0-10V/1-10V/Potentiometer/10V PWM)



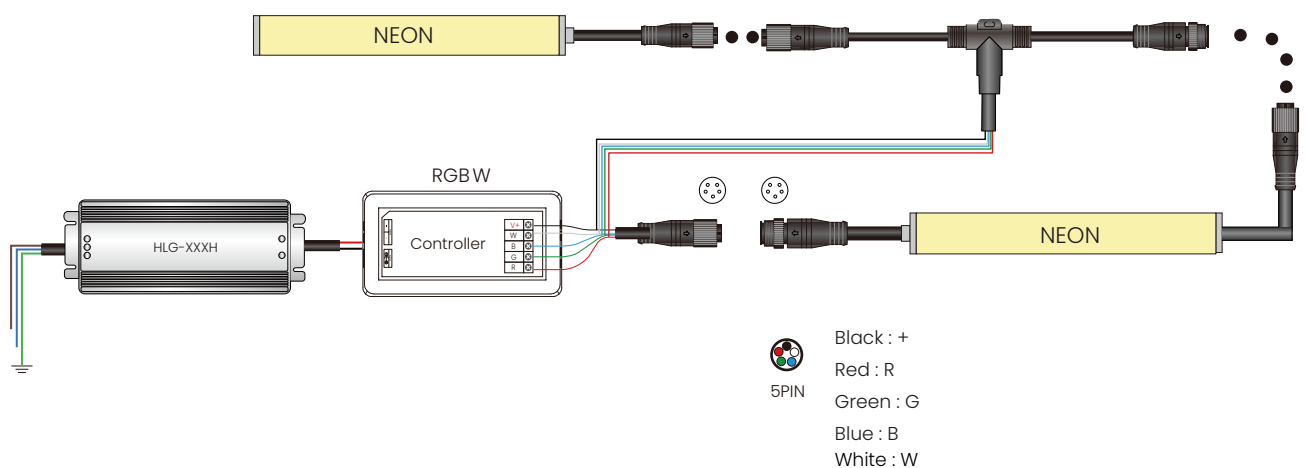
Tunable White Connection Diagram



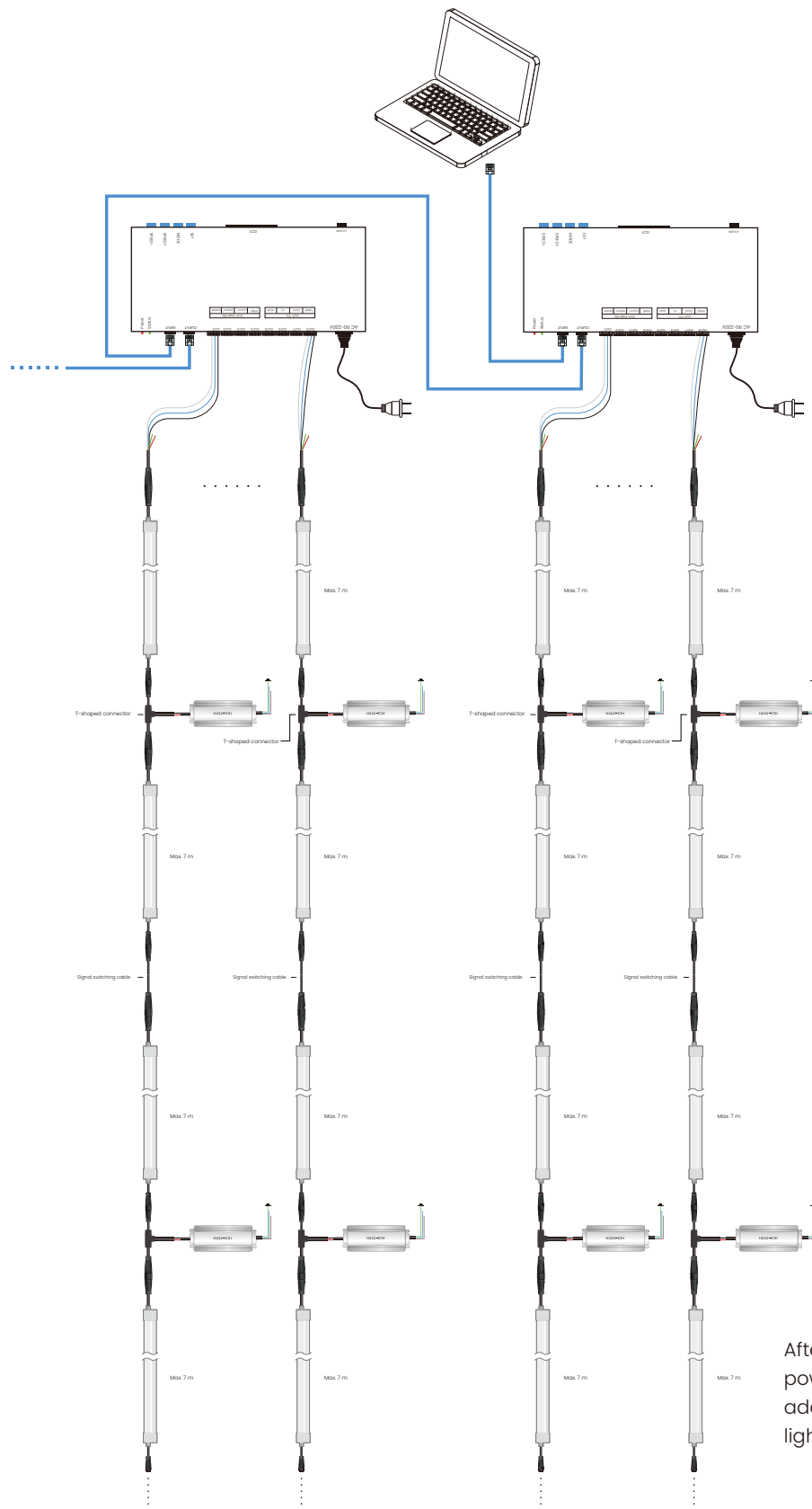
RGB Connection Diagram



RGBW Connection Diagram



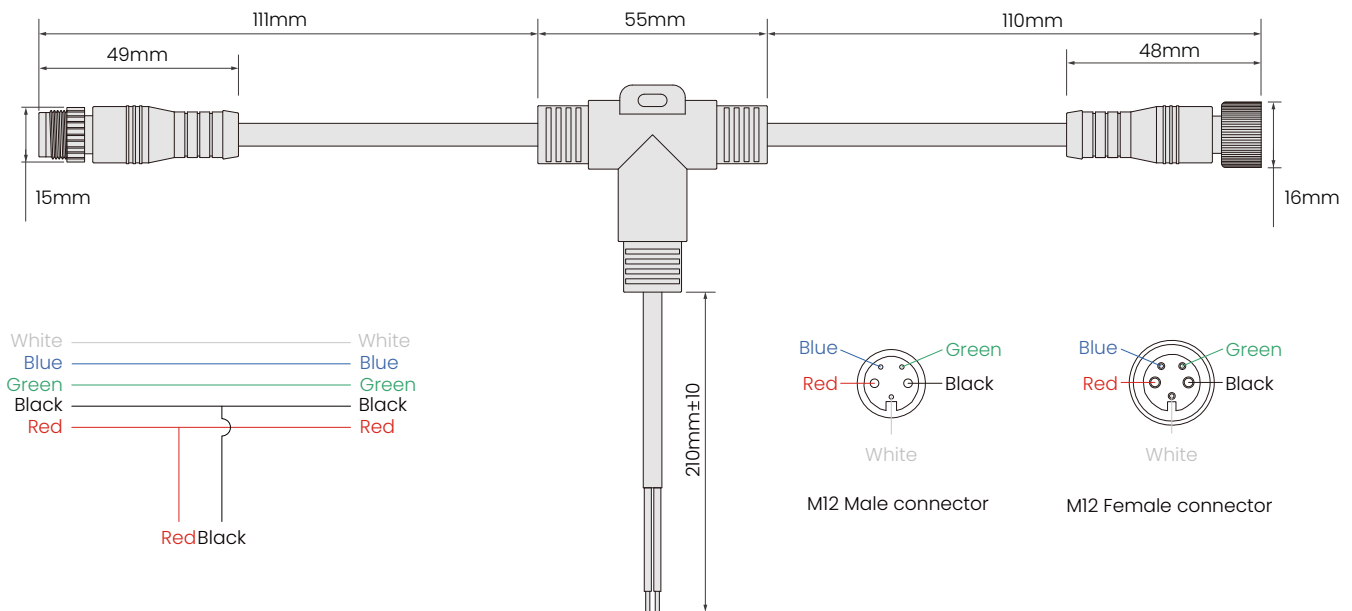
DMX512 Connection Diagram



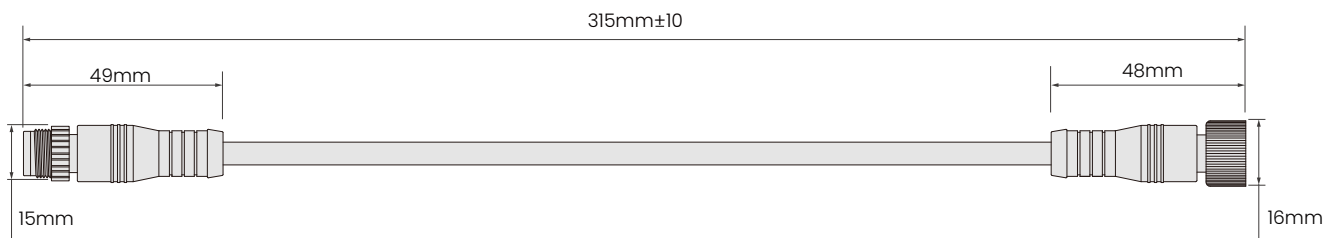
After the LED strip is connected to the signal and power wires, use a controller or address encoder to address the strip. The controller can then run the lighting effects.

DMX512 Accessories

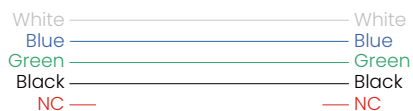
T-type 3 channel connector



Function: Connects LED strips in parallel and passes the signal through.

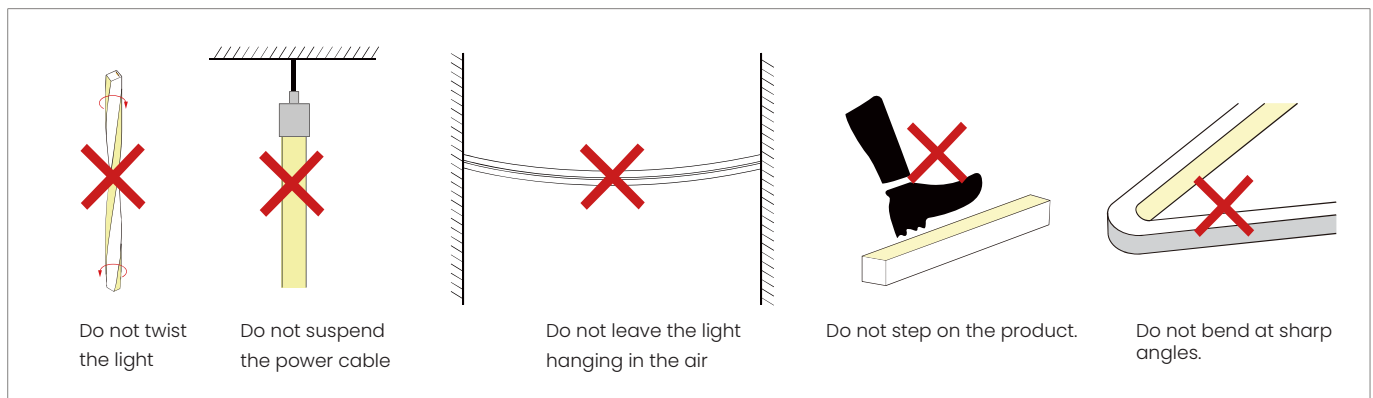
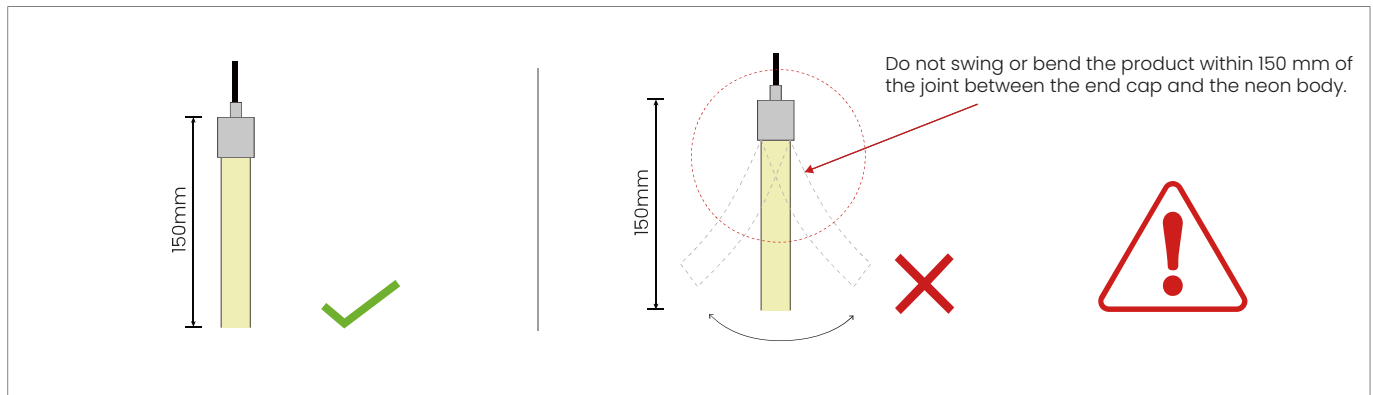


Signal-Switching Cable

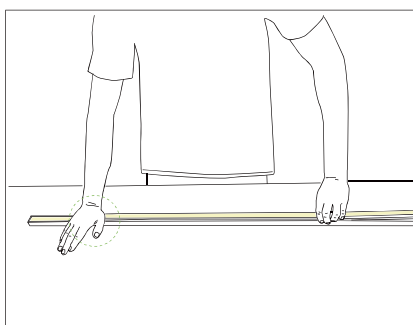


Function:
Keeps the signal cable connected in series and disconnects the positive terminal to prevent two power supplies from being connected in parallel.

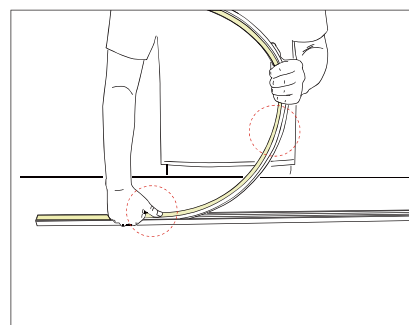
Installation Precautions



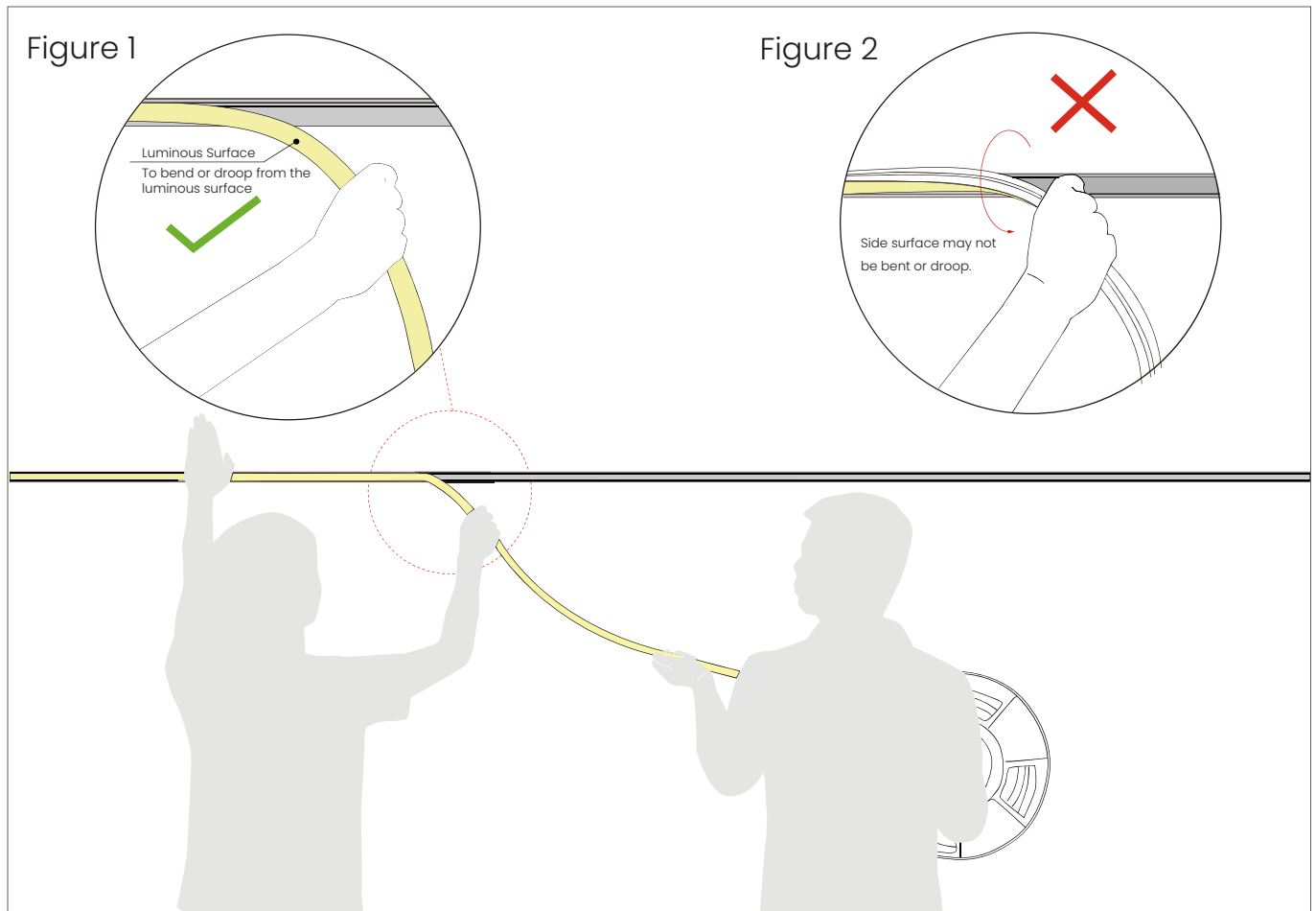
Insert into the Profile



- Use your palm to slowly press the LED strip into the channel, then gently straighten it along the channel.
- Try to keep the led strip in a flat state during the installation process.



- Do not press the LED strip with one finger; this may damage internal components.
- The bent arc of the led strip should not be too large during installation.

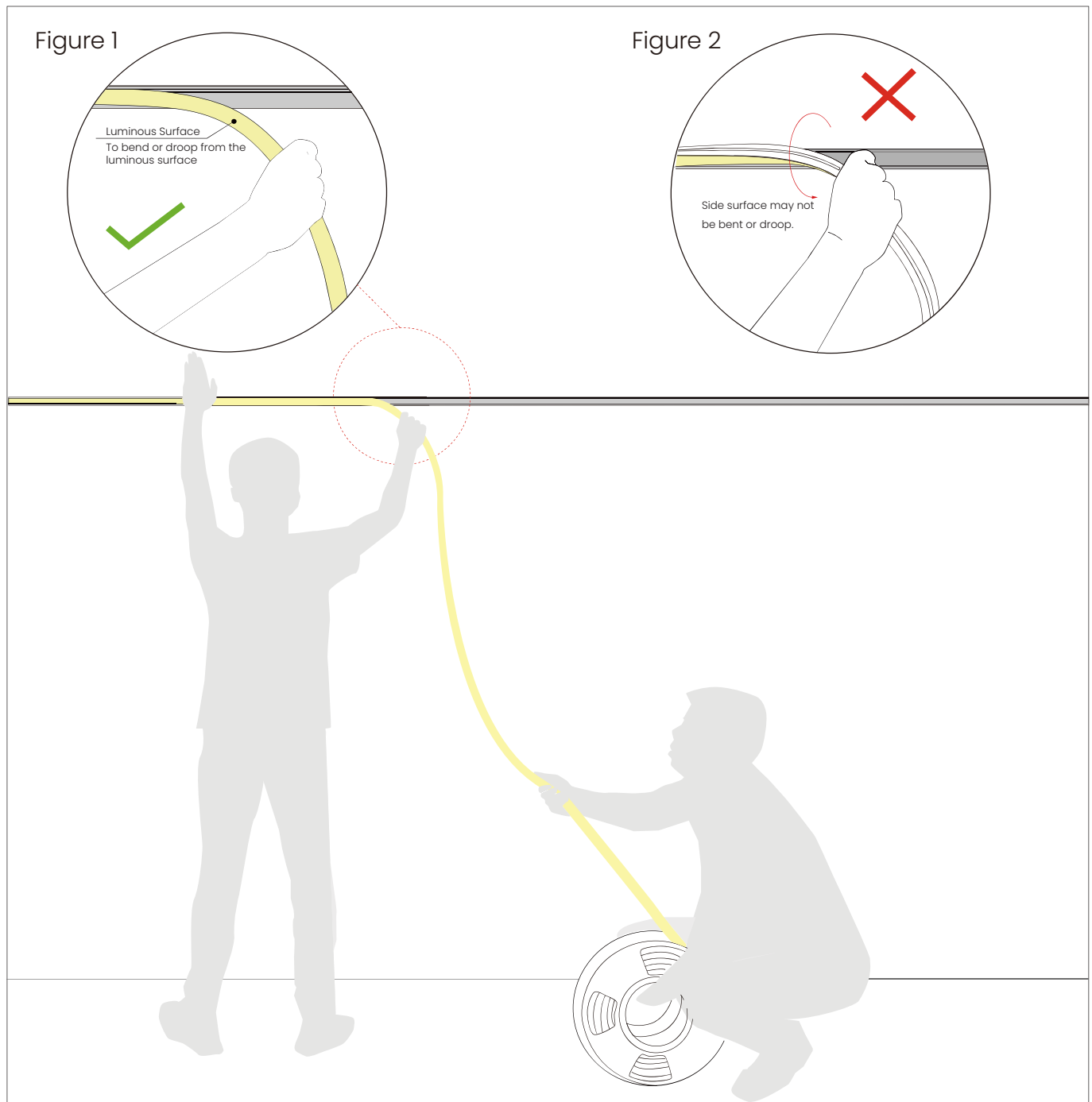
Installation Precautions--Side Mounted (If the length of the light is more than 2 meters, two people must work together to install it.)**1. Installer:**

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

2. Assistant:

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

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



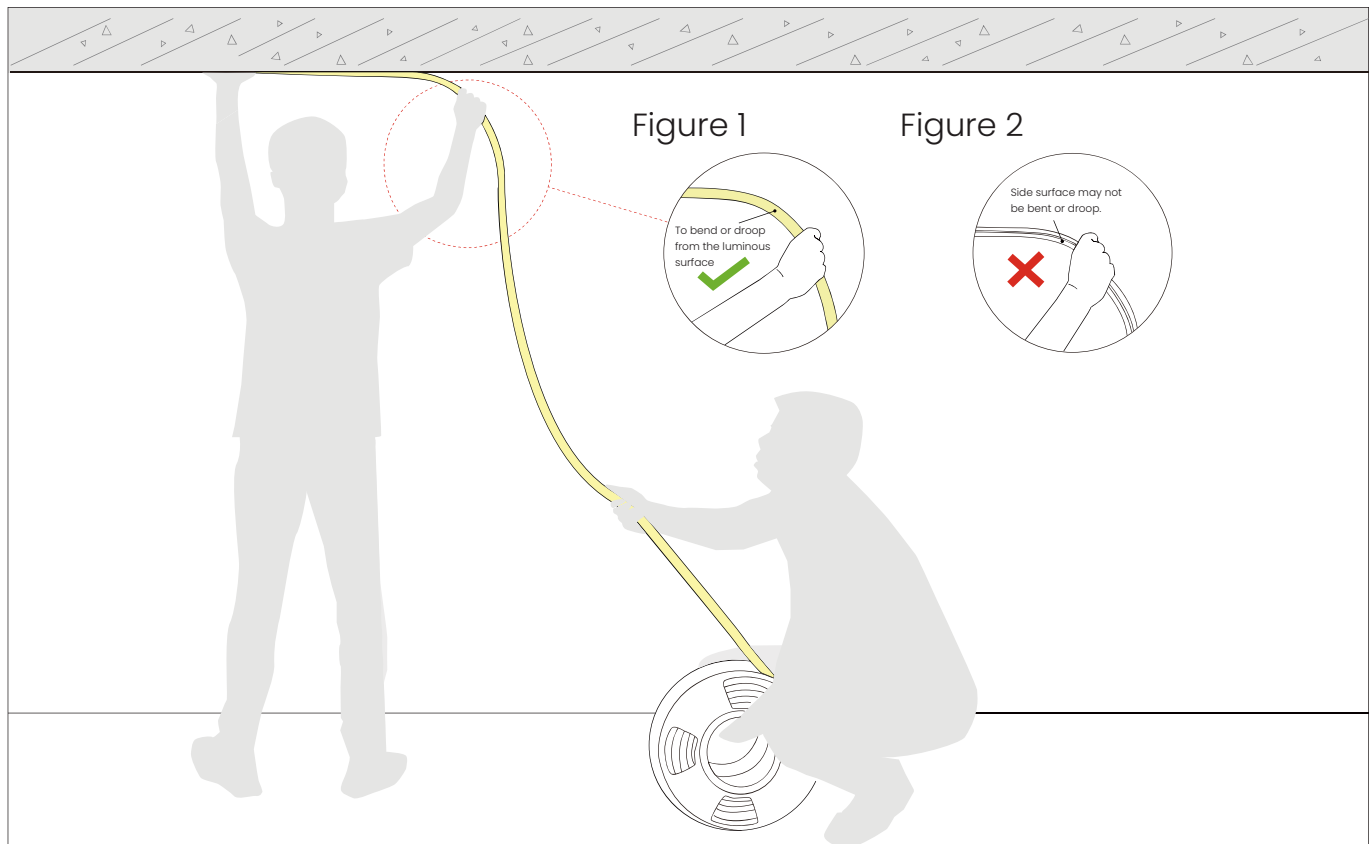
1. Installer:

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

2. Assistant:

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

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



1.Installer:

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

2.Assistant:

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

Packaging Information



Standard Packaging: White carton with paper reel inside.

Model	Qty/Roll(m)	Rolls/Carton	Carton Size	Net Weight	Gross Weight
NS-SI220 24V IP67	5m	8	41 x 41 x 26 cm	10.8 kg/carton	12.2 kg/carton
NS-SI220 24V IP67	10m	3	41 x 41 x 26 cm	8.1 kg/carton	9.393 kg/carton
NS-SI220 24V IP67	20m	2	41 x 41 x 26 cm	11.7 kg/carton	17.64 kg/carton
NS-SI220 24V IP67	30m	1	41 x 41 x 26 cm	8.1 kg/carton	8.643 kg/carton

For reference only. Final packing information shall be subject to actual shipment.

Notes

Cable size at the power-supply output depends on the total load current and cable length. Select the cable according to the table below.

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

- ※ The unused light should be sealed with the packaging bag to avoid prolonged exposure.
- ※ Use a 24 V DC isolated constant-voltage power supply with ripple below 5%. Using other types of power supply may damage the light or cause other safety risks.
- ※ In practical application, Reserve at least 20% power-supply headroom.
- ※ It is recommended that professionals connect the power supply. Do not connect the power supply with live power to avoid electric shock.
- ※ Please confirm whether the voltage of the power supply is consistent with the voltage of the light; Pay attention to the positive and negative poles of the power cord, Do not reverse polarity, so as not to cause product damage;
- ※ When multiple power supplies are used, ensure that the positive poles of the power supply are not connected in parallel. Otherwise, the power supply system may be unstable or damaged after long-term operation.
- ※ If the actual application length exceeds the specified length, it may cause overload, overheating, and uneven brightness of the light.
- ※ During installation, please do not scratch, twist, or bend the light irregularly. Otherwise, the light may be damaged beyond repair.
- ※ To ensure the life and reliability of the light, please do not over bend the light, which will damage the product itself.
- ※ To protect your eyes, please avoid staring at the glowing surface of the light for a long time.
- ※ Installation, disassembly, and maintenance must be performed by qualified personnel only.
- ※ Do not use any acidic or alkaline adhesive to fix the light (including but not limited to glass glue, etc.)
- ※ IP67 products are not suitable for long-term immersion in water; IP68 versions are factory-customized only. User cutting or processing may compromise IP68 protection.
- ※ Because of the difference in structure, even if the same color temperature value, products of different sizes may appear slightly different in color.

Tests showed that formaldehyde and benzene compounds can cause yellowing of silicone. In newly decorated interiors, epoxy floor paint, wall paint, wallpaper adhesive, decoration materials, and new furniture may release formaldehyde and benzene compounds. It is recommended to remove these substances first, or ventilate the area for a period before installing the silicone neon light, to avoid affecting the silicone body.