

Note : The pictures in the Product Specification are for reference only, please refer to the actual product.

PRODUCT SPECIFICATION

SILICONE NEON STRIP

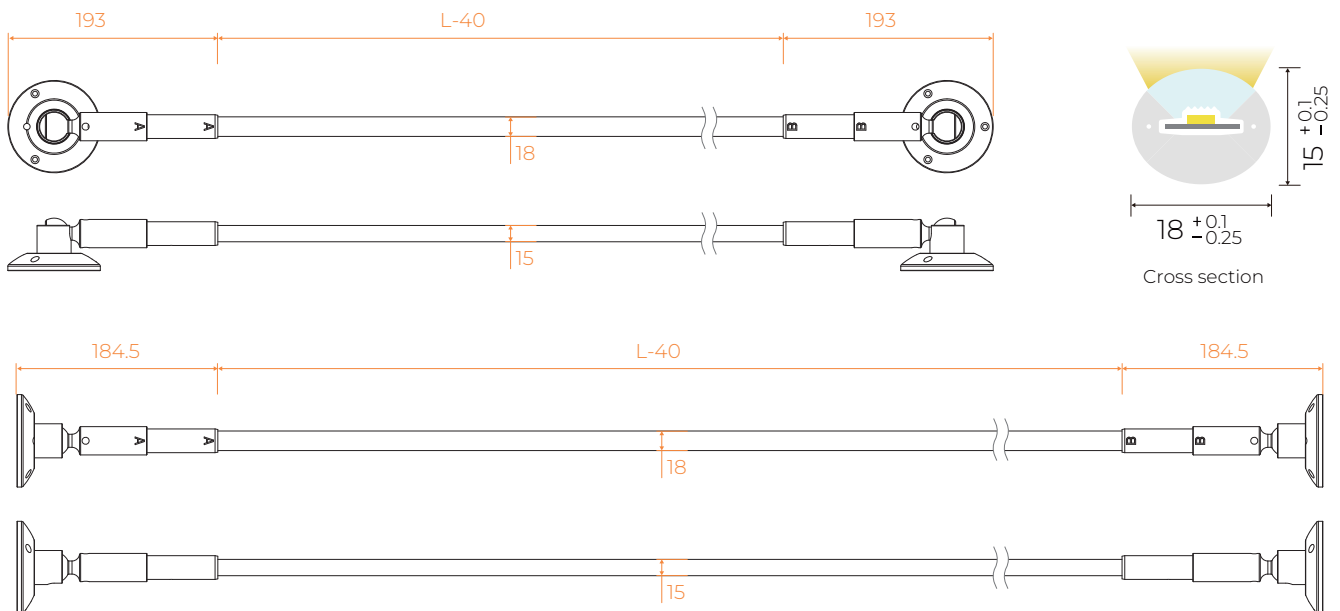
SKYLINE NEON

SKYLINE
BLACK NSL1815



- SKYLINE BLACK is a creative idea for 3D space lighting decoration in black color.
- Flexible and diverse installation makes the space more attractive and cool.
- It has uniform light and dimmable function in a round shape.
- IP54 protection for indoor use.
- 3-year warranty for pixel models, 5-year warranty for others., long-life LED > 50,000 hrs, 1 Bin.

Dimension structure (Unit: mm)



Note: "L" represents the length of the light strip; "L-40" indicates the total length minus 40mm

Electrical Parameter

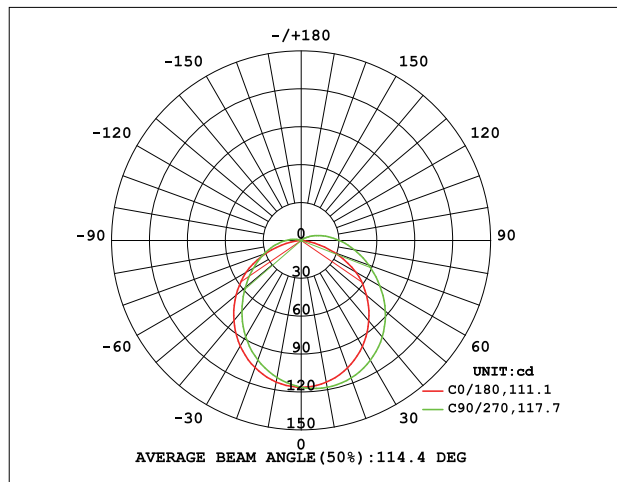
Voltage	LED PIN Temperature	Storage Temperature	Ambient Temperature
DC24V	Max. 65℃	-25℃ ~ 60℃	Min.-25℃ Max(Table below)

Specification

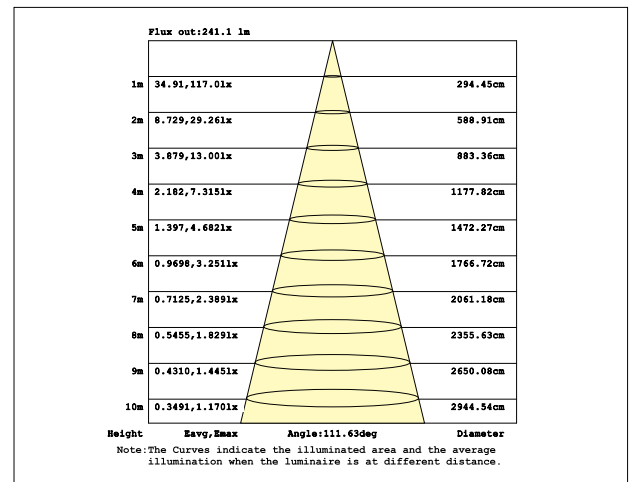
Power (w/m)	Efficacy (lm/w) @4000K	Max Ambient Temperature
10	10.5	45℃

Due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%

Light Distribution Curve



Illuminance curve



Note: The above data is based on 24V, 10W/M, single colour with 4000k colour temperature. If you need IES files for other types, please contact our sales department.

Parameter Table



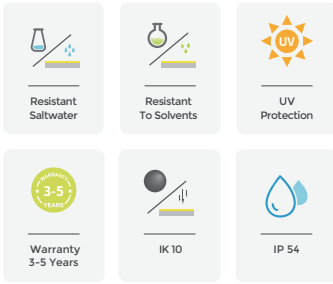
- The maximum series length refers to the maximum length of the light strip with single-end power supply in series under the standard 30CM cable.
- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Single color

CCT(K)	RA	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
1800±100	≥90	DC24V	10	78	7.8	50	5	CV
2400±150	≥90	DC24V	10	98	9.8	50	5	CV
2700±150	≥90	DC24V	10	98	9.8	50	5	CV
3000±150	≥90	DC24V	10	96	9.6	50	5	CV
3500±200	≥90	DC24V	10	107	10.7	50	5	CV
4000 ⁺⁴⁰⁰ ₋₂₀₀	≥90	DC24V	10	105	10.5	50	5	CV
5000 ⁺⁵⁰⁰ ₋₃₀₀	≥90	DC24V	10	103	10.3	50	5	CV
6000±500	≥90	DC24V	10	105	10.5	50	5	CV
Red	--	DC24V	10	39	3.9	50	5	CV
Green	--	DC24V	10	95	9.5	50	5	CV
Blue	--	DC24V	10	19	1.9	50	5	CV
Yellow	--	DC24V	10	26	2.6	50	5	CV
Orange	--	DC24V	10	32	3.2	50	5	CV
Pink	--	DC24V	10	89	8.9	50	5	CV

CCT Tunable

CCT(K)	RA	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max Run Length (M)	CC/CV
2700±150	≥90	DC24V	5	51	10.2	62.5	5	CV
6500±500	≥90	DC24V	5	53	10.6	62.5	5	CV
2700+6500	≥90	DC24V	10	104	10.4	62.5	5	CV



- The maximum series length refers to the maximum length of the light strip with single-end power supply in series under the standard 30CM cable.
- The given color temperature is the temperature of finished product.
- 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%.

RGB

CCT(K)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	DC24V	3.3	9	2.7	50	5	CV
G	DC24V	3.3	30	9.0	50	5	CV
B	DC24V	3.3	4	1.2	50	5	CV
RGB	DC24V	10	42	4.2	50	5	CV

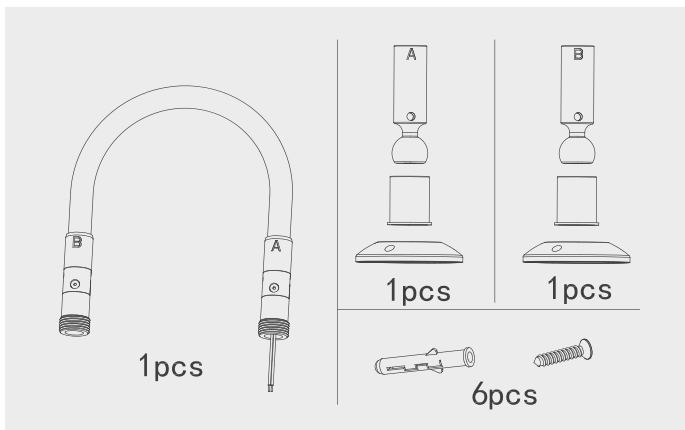
Pixel RGB : SPI

CCT(K)	Voltage	Power (W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	Pixel(PCS)	ICModel
R	DC12V	4.3	7	0.5	10	5	100	UCS1903
G	DC12V	4.3	20	1.5	10	5	100	UCS1903
B	DC12V	4.3	4	0.3	10	5	100	UCS1903
RGB	DC12V	13	30	2.3	10	5	100	UCS1903

Cable Type

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		20AWG Red&Black 2-core Cable	● ●	Red V+、Black V-
		20AWG Brown&White&Yellow 3-core Cable	● ○ ●	Dual-White: Brown V+、White W、Yellow WW
		20AWG Red&Green&Black 3-core Cable	● ● ●	Digital RGB: Red V+、Green DI/DO、Black GND
		20AWG Black&Blue&Red&Green 4-core Cable	● ● ● ●	Black V+、Blue B、Red R、Green G

Bill of material

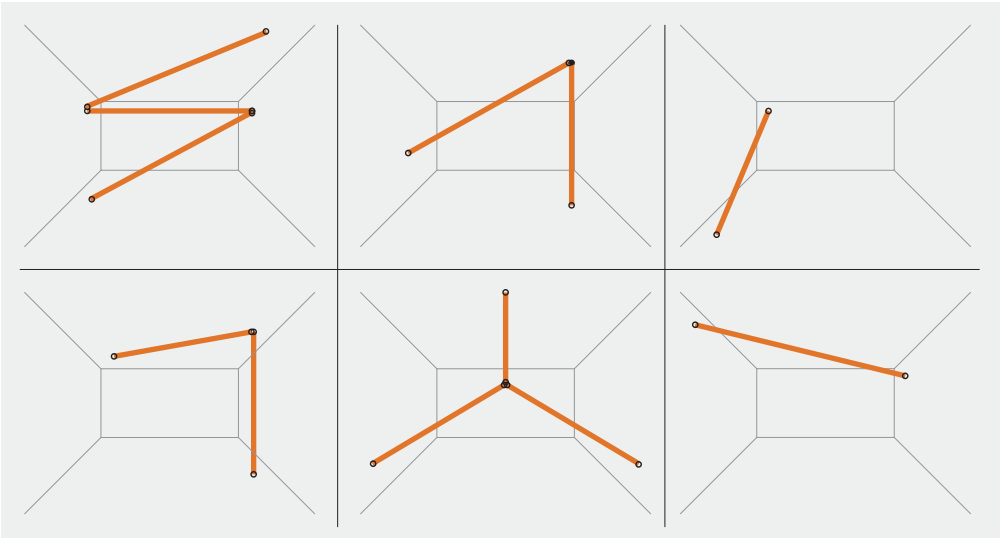
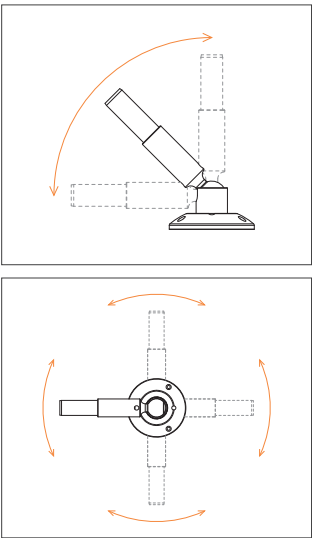
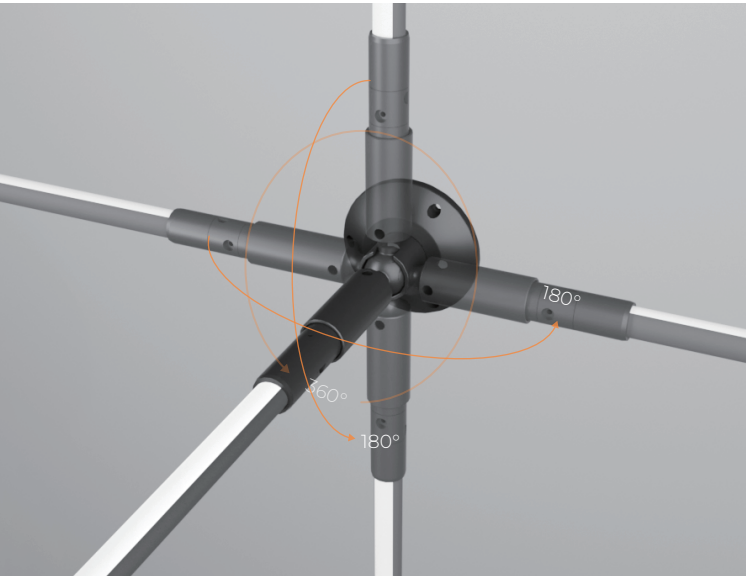
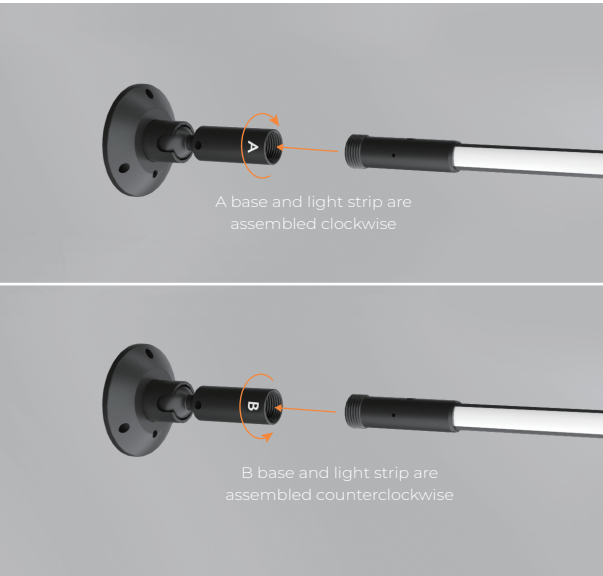
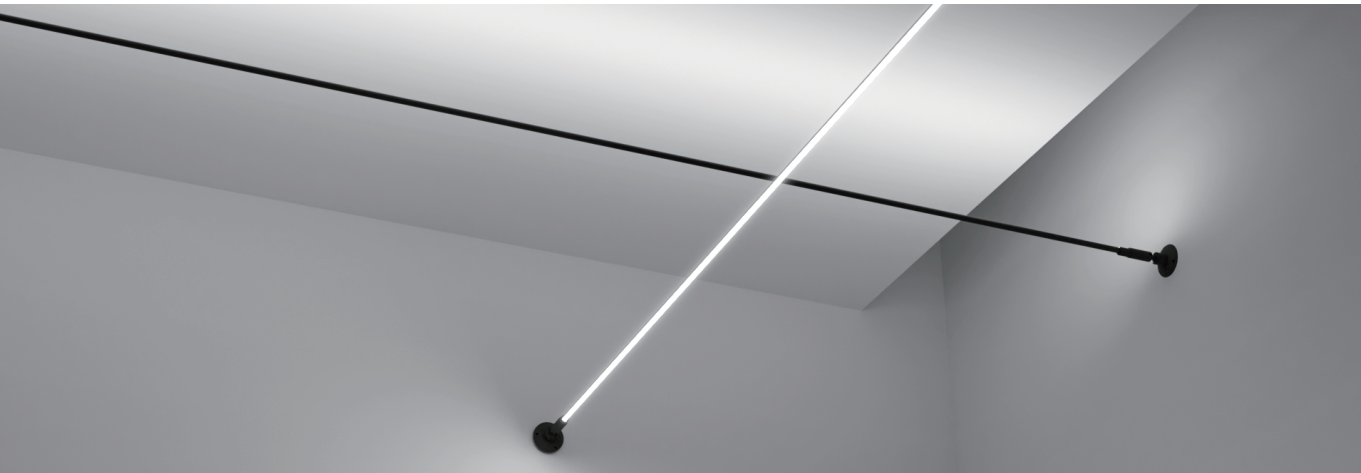


Note:

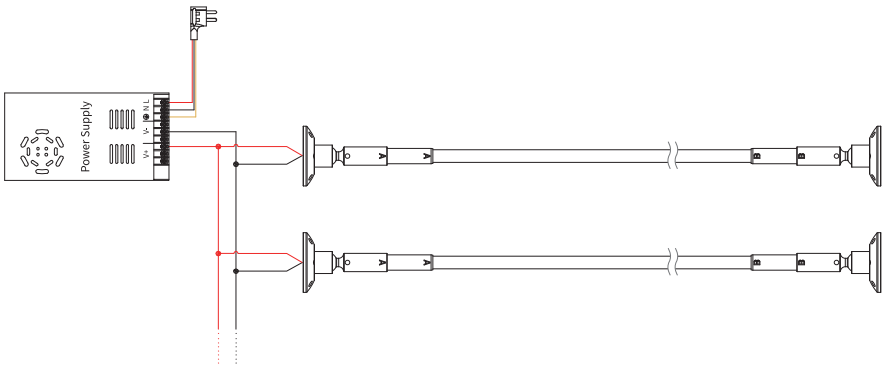
The installation surface of this product must be solid wood wall, concrete wall, brick wall, etc. Please do not install it on the surface of plaster wall or hollow wall!

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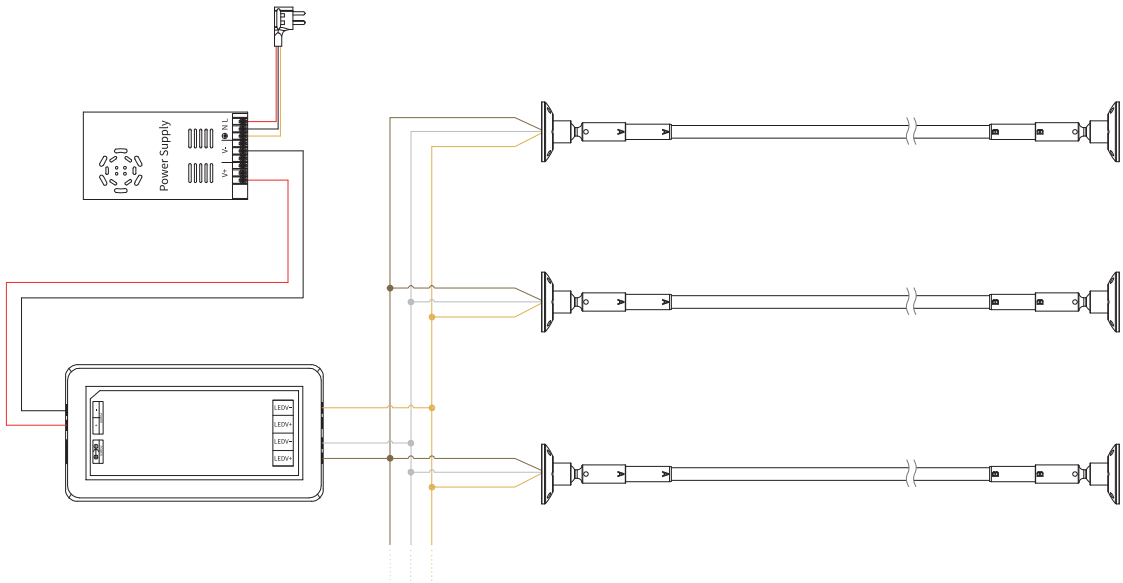
Installation guideline



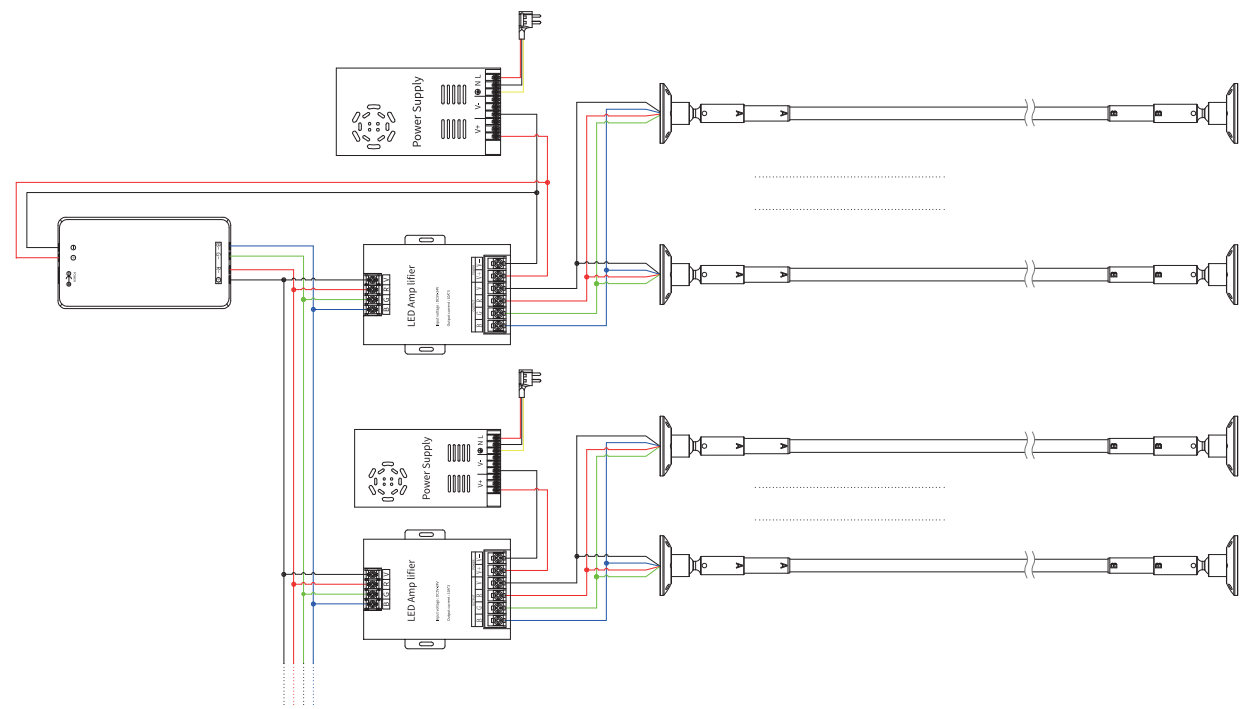
Single Color Connection Diagram



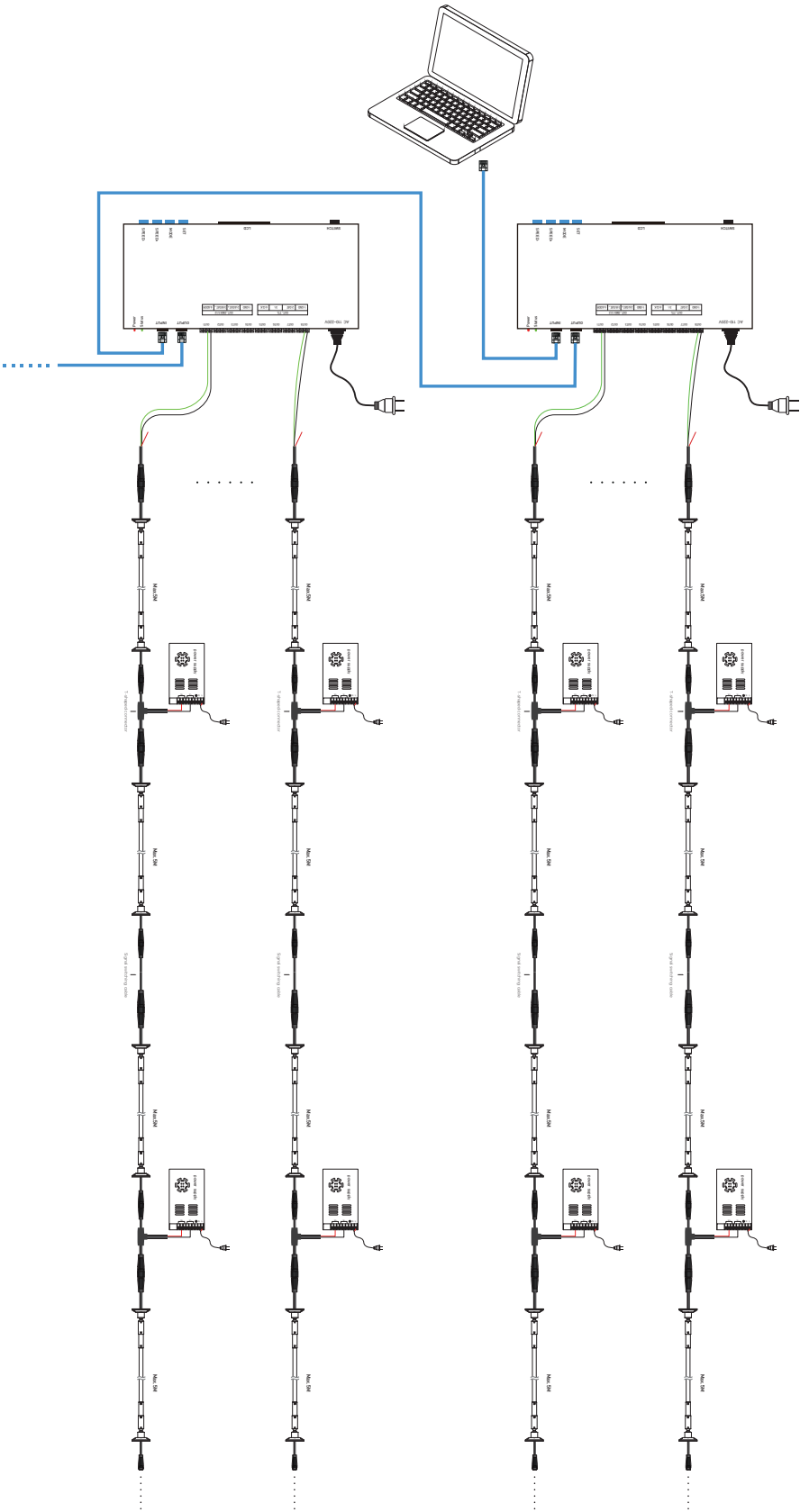
Tunable white Connection Diagram



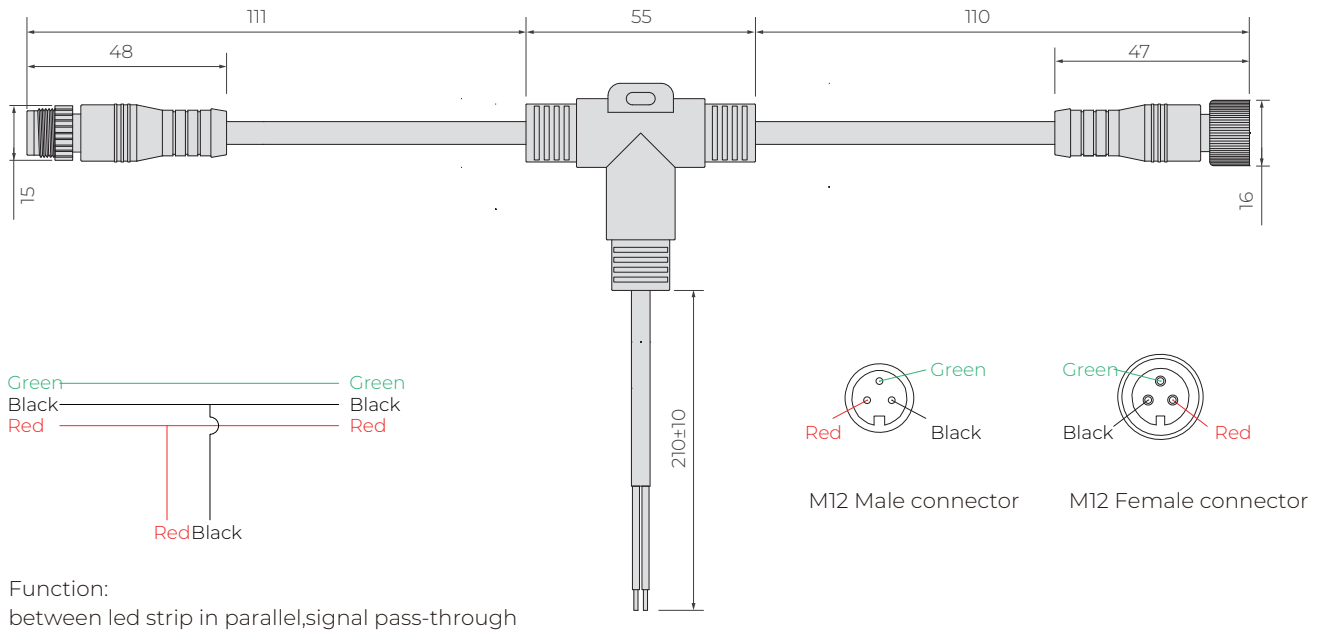
RGB Connection Diagram



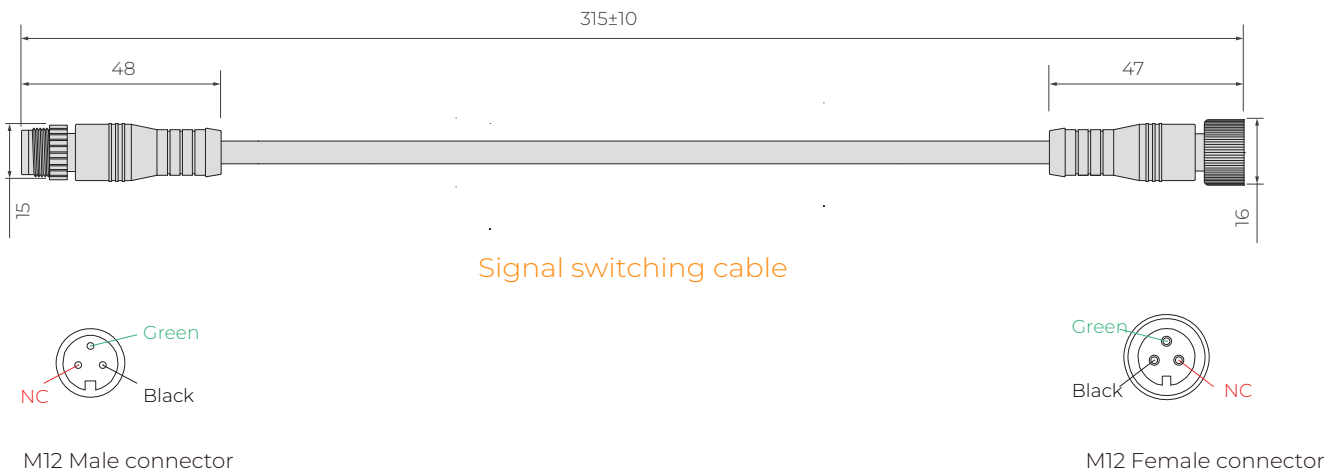
Schematic Diagram of Control System Connection - SPI Signal Type



SPI signal type strip light with accessory cable (Unit: mm)



T-type 3 channel connector



Function:
Keep the signal cable connected in series;
The positive terminal of the power supply is disconnected (avoid two power supplies connected in parallel).

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