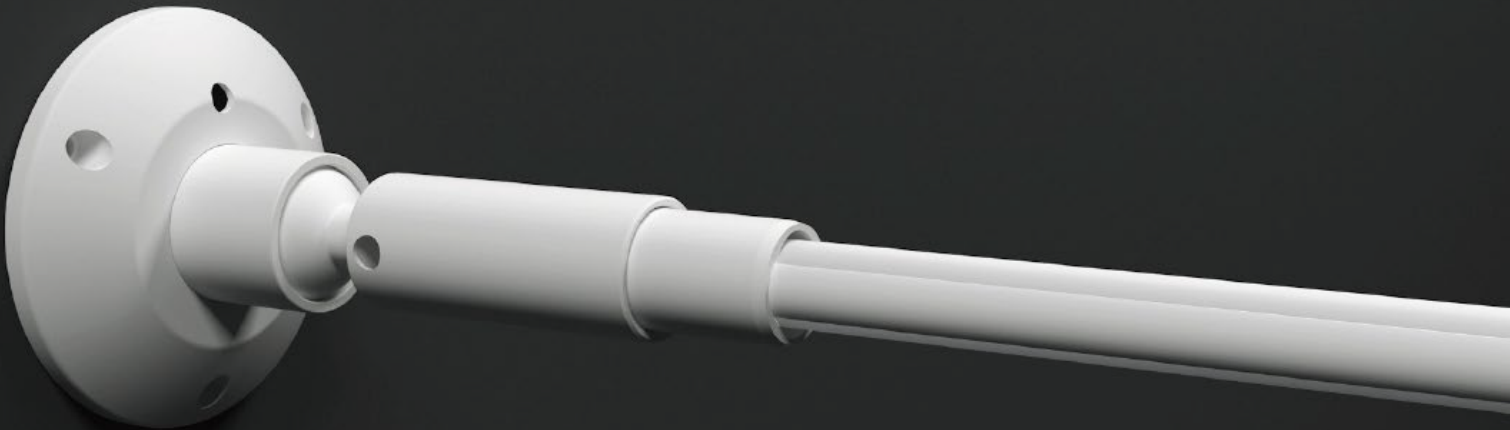




LED NEON FLEX SPECIFICATION

IP54 Silicone Sky Neon Strip USN-D1815 Dual side Emitting Specification



Rounded shapes, simple lines, soft feel

A groundbreaking light that transcends space's boundaries

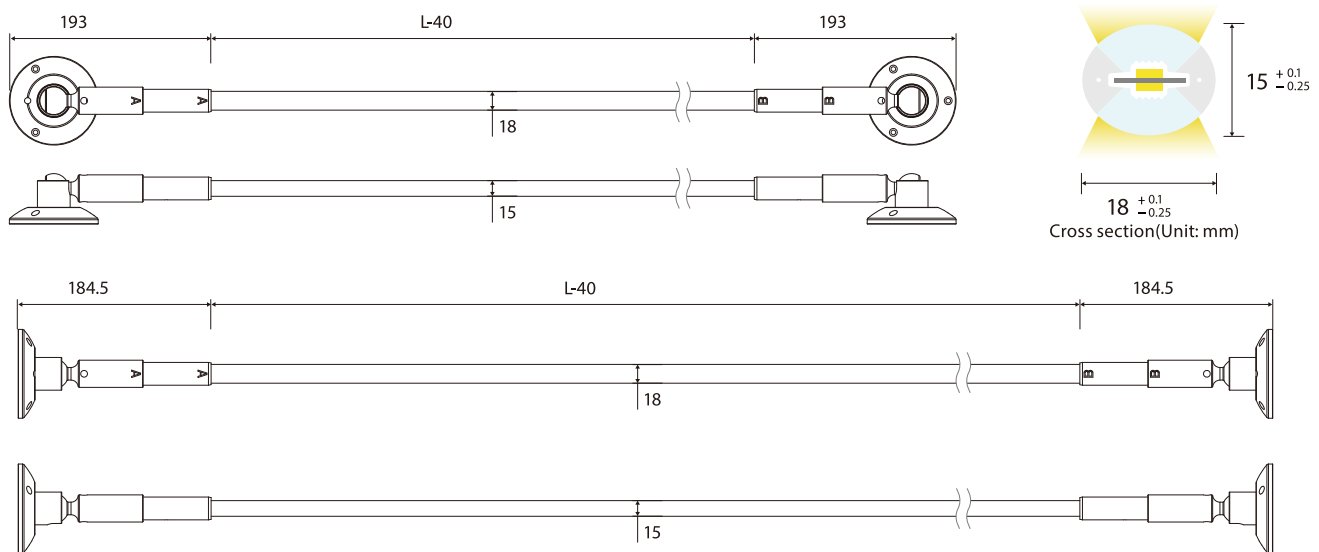
360° hemispheric expansion, 3D installation blend, multipurpose use

Ideal for lighting & decor, offering practical yet appealing charm

double-sided glowing



Dimension structure

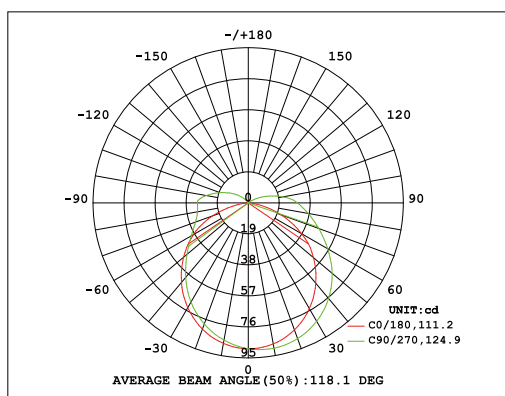


Note: "L" represents the length of the light strip; "L-40" indicates the total length minus 40mm

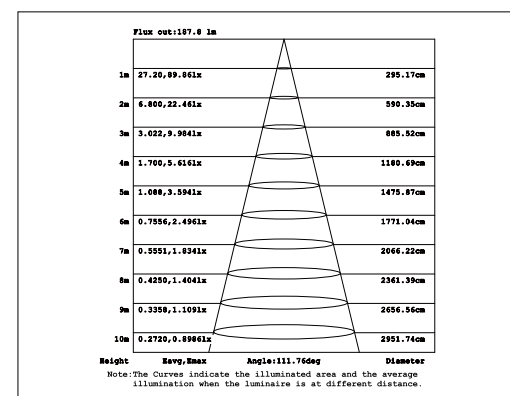
Technical Data

Input voltage	DC24V	Dimension	18x15mm
Storage Temperature	-25 C ~ 60 C	Working hour	35000h
CRI(Ra)	≥90	Working temperature	-25 C ~ +55 C
Warranty	3years	Power	Min: 5w/m; Max: 10w/m
		Waterproof grade	IP54

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.

Single color (Lm/m)

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
1800±100	≥90	DC24V	10	346	34.6	25	5	CV
2400±150	≥90	DC24V	10	420	42.0	25	5	CV
2700±150	≥90	DC24V	10	460	46.0	25	5	CV
3000±150	≥90	DC24V	10	466	46.6	25	5	CV
3500±200	≥90	DC24V	10	464	46.4	25	5	CV
4000±300	≥90	DC24V	10	495	49.5	25	5	CV
5000±400	≥90	DC24V	10	492	49.2	25	5	CV
5700±400	≥90	DC24V	10	460	46.0	25	5	CV
Red	--	DC24V	10	190	19.0	25	5	CV
Green	--	DC24V	10	560	56.0	25	5	CV
Blue	--	DC24V	10	102	10.2	25	5	CV
Yellow	--	DC24V	10	128	12.8	25	5	CV
Orange	--	DC24V	10	138	13.8	25	5	CV
Pink	--	DC24V	10	438	43.8	25	5	CV

CCT Tunable (Lm/m)

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
WW(2700±150)	≥90	DC24V	5	205	41.0	62.5	5	CV
W(6000±400)	≥90	DC24V	5	189	37.7	62.5	5	CV
W+WW(3800 ⁺²⁰⁰ ₋₃₀₀)	≥90	DC24V	10	392	39.2	62.5	5	CV

RGB (Lm/m)

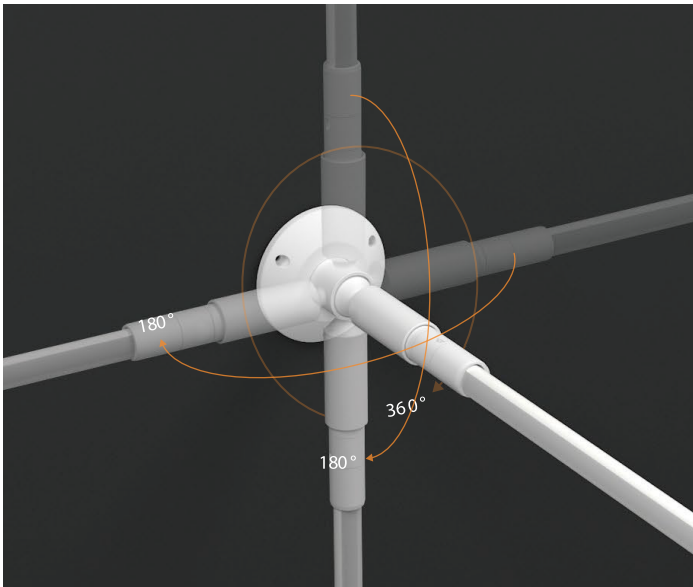
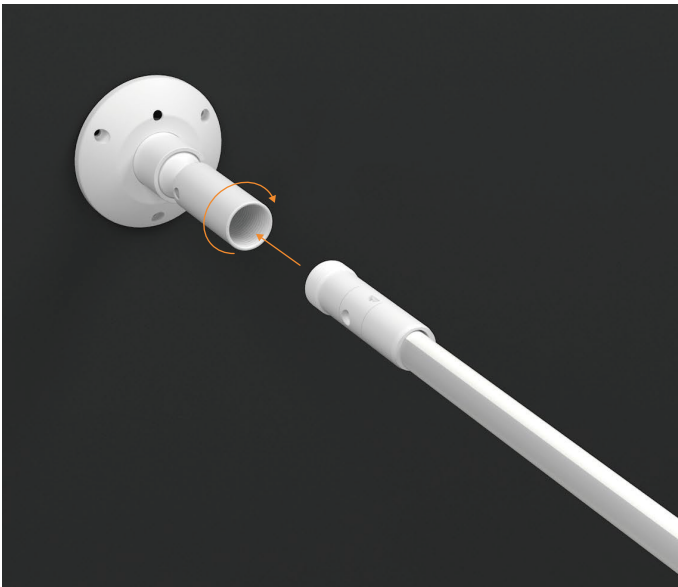
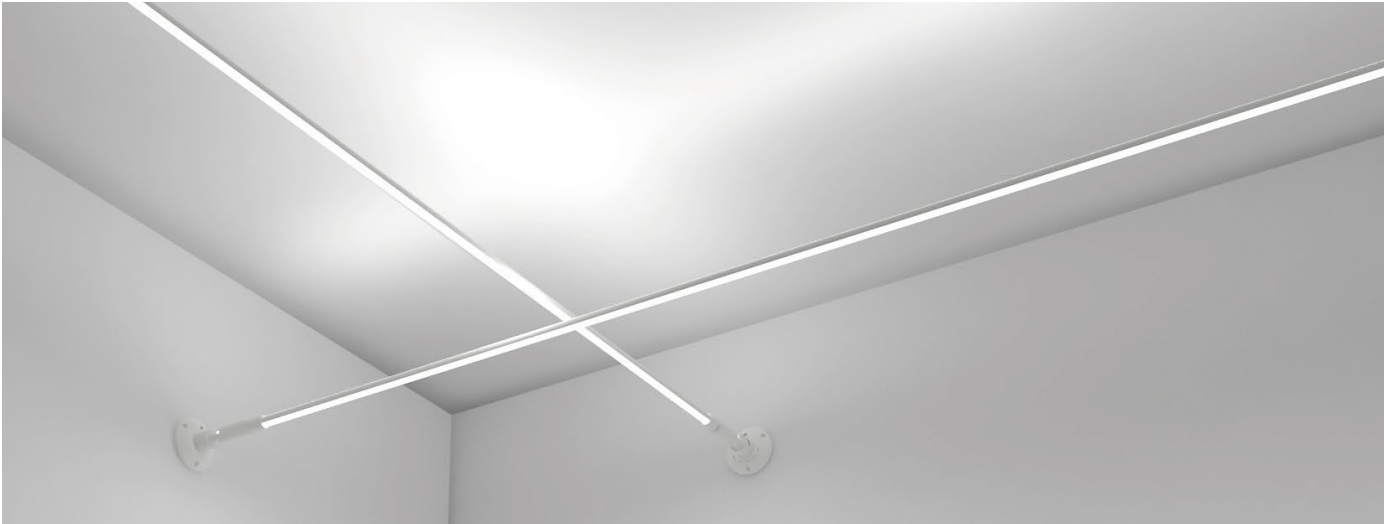
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.3	34	10.3	50	5	CV
G	--	DC24V	3.3	119	36.2	50	5	CV
B	--	DC24V	3.3	18	5.6	50	5	CV
RGB	--	DC24V	10	186	18.6	50	5	CV

Digital RGB

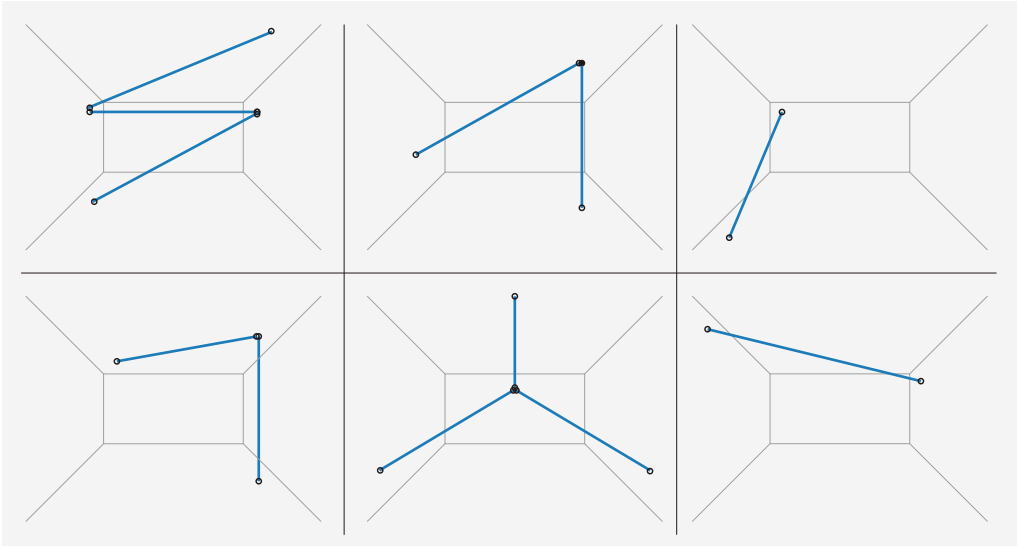
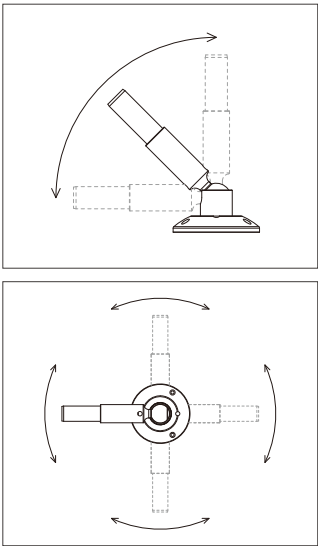
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Signal Type	IC Model	Unit Length (mm)
R	--	DC12V	4.5	42	1.6	100	SPI	UCS1903	10
G	--	DC12V	4.5	109	4.2	100	SPI	UCS1903	10
B	--	DC12V	4.5	23	0.9	100	SPI	UCS1903	10
RGB	--	DC12V	11.5	166	6.4	100	SPI	UCS1903	10

- The maximum series length refers to the maximum single end power supply length of the constant current strip under the condition of standard 30cm wire .
 - 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%.

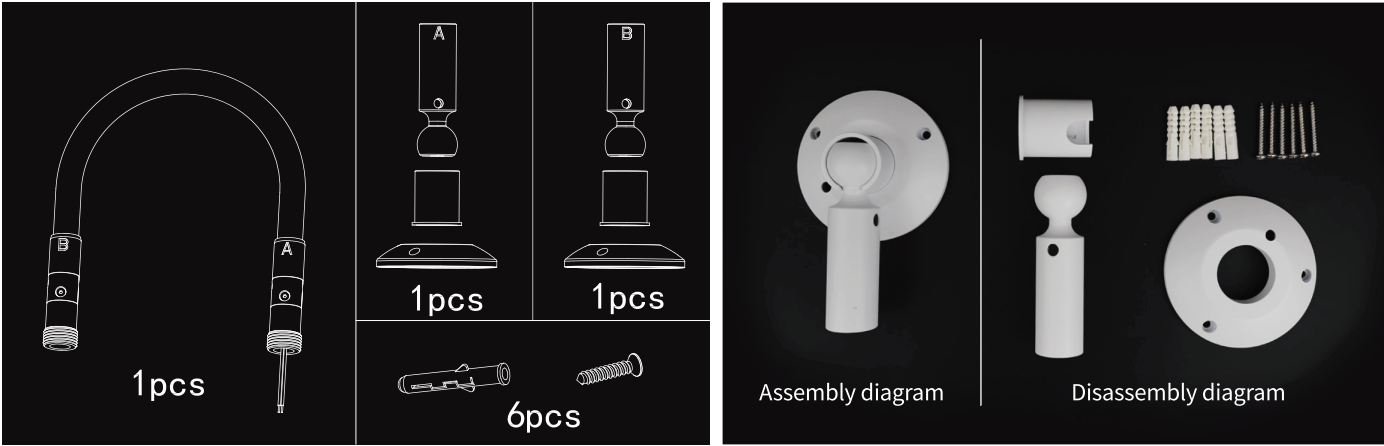
Application



Installation guideline



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!

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