

FLEX LED WALL WASHER SERIES

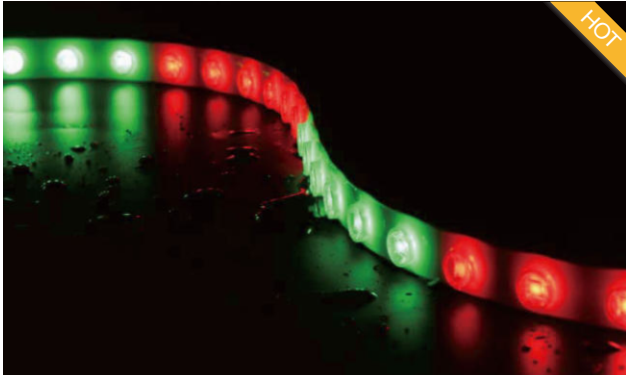
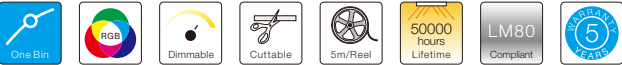
Flex LED wall washer, adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility. PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability. It can replace the traditional hard wall washer light or LED strip. It's small in size, light in weight, flexible and easy to install. Various beam angles (30°, 45°, 60°, 20°45°) are available for different applications. With low voltage DC24V, higher safety factor.



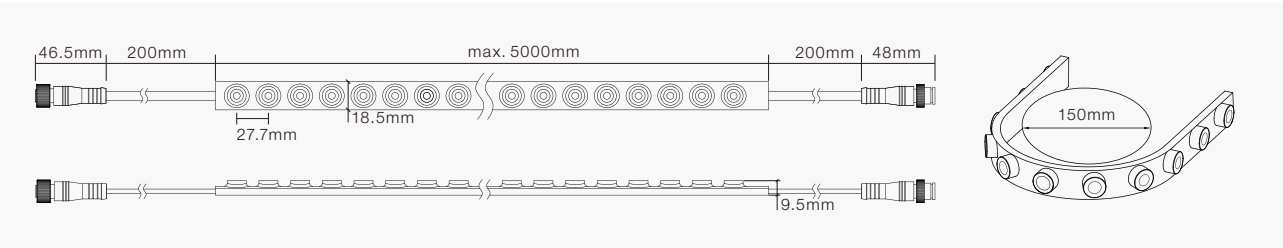
PU WALL WASHER SERIES

DMX512 36LEDs 24V

- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- It can replace the traditional hard wall washer light or LED strip. It's small in size, light in weight, flexible and easy to install.
- Various beam angles (15°, 30°, 45°, 15°60°) are available for different applications.
- With low voltage DC24V, higher safety factor



DIMENSIONS



PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm	Power(W)	8.5Watt/meter
Beam angle	15° / 30° / 45° / 15°60°	Voltage(V)	DC24V
Pixel(pix/m)	6	Current(A/m)	0.35A
Gray Scale	256	Cutting Length	166.6
Control Mode	DMX512	Ambient temperature	-25°C~+45°C

PRODUCT PHOTOMETRICS

(The data base on IP20 RGB)

Color	Power(w/m)	Lumen(lm/m)	Efficiency(lm/w)	Wavelength(nm)	CCT(K)	CRI
Red	4	61.2	15.3	620~630	-	-
Green	4	137.2	34.3	520~530	-	-
Blue	4	35.2	8.8	460~470	-	-
RGB	8.5	230.4	27.1	-	43502	49.22

ACCESSORY



3M Tape



Silicone Mounting Clips



Stainless steel Mounting Clips

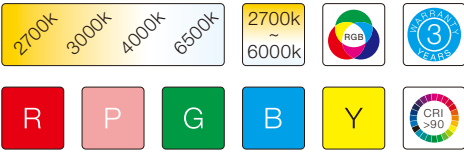


Aluminum Mounting Profile

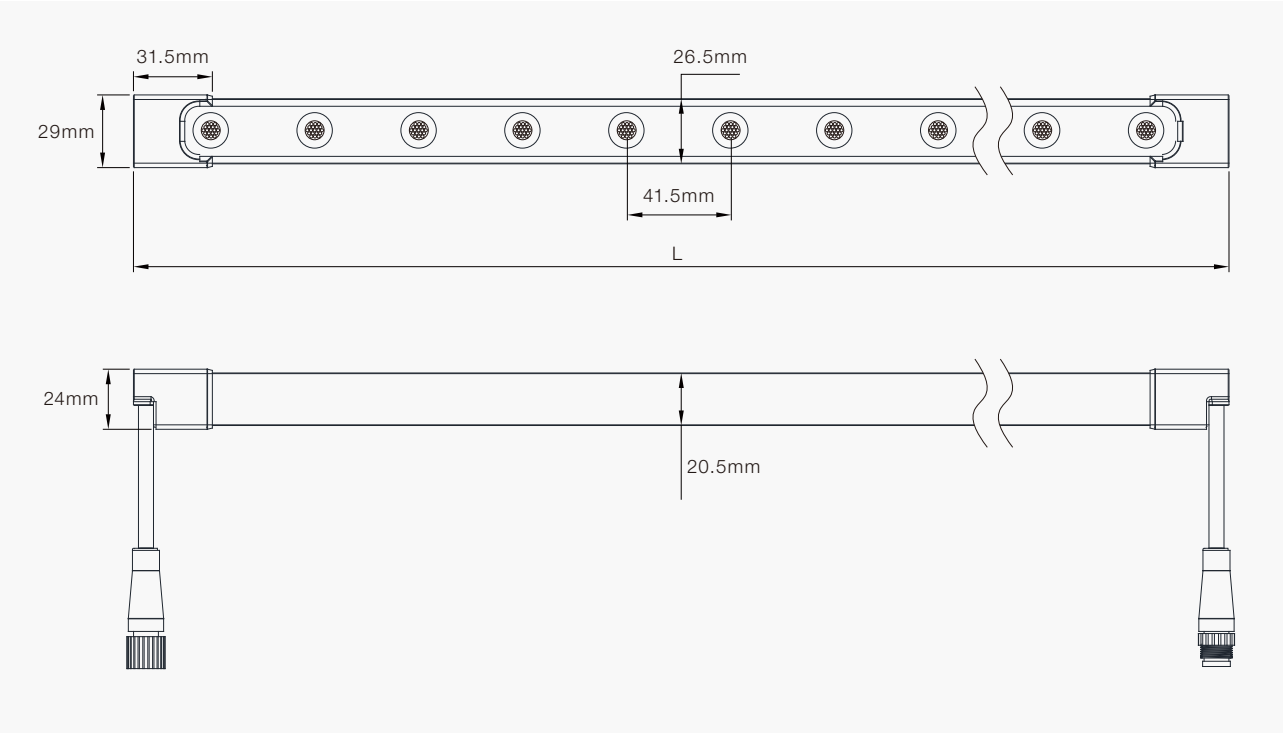
Order code: LY42-FW3535RGB-DMX512-24-IP67-30°—deg.:15°/30°/45°/15°60°

SILICONE FREE BEND SERIES

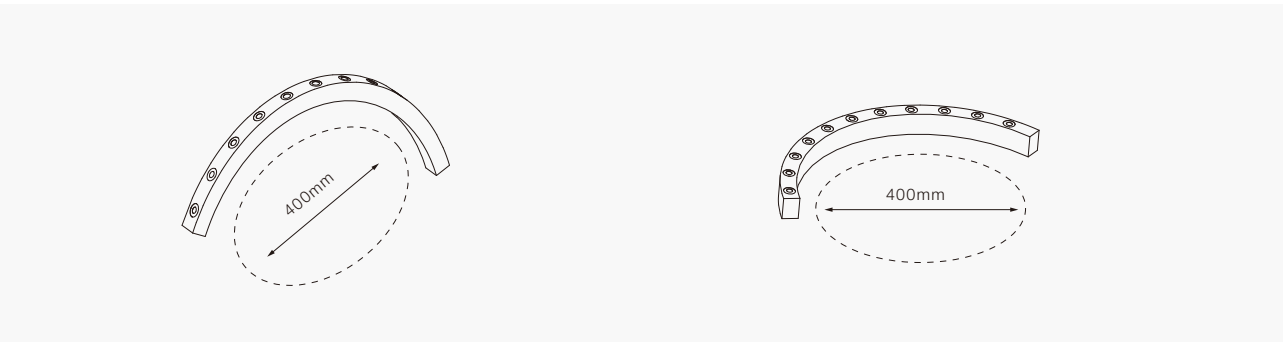
- Using optical grade environmental protection silicone material , salt resistance, acid and alkali corrosion resistance . flame retardant . UV resistance;
- The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the Effect of wall washing
- Integrated extrusion molding process , waterproof grade up to Ip65;
- Patented optical structure design , a variety of angles optional;
- Hidden end cap design , easy to insta;



PRODUCT DIMENSION



BENDING DIAMETET



SILICONE FREE BEND SERIES

BASIC PARAMETERS

Input Voltage	24V	Working temperature	-25°C~+40°C
CRI	>80	Cuttable length	250mm
Beam angle	15° / 30° / 50° / 20°35 / 18°20 / 20°55	Waterproof level	P65
LEDS / M	24LEDS	Max run length	5m
Warranty period	3 years	Net weight	590g /m
Control mode	PWM	Note: RGBW only has beam angle: 35° / 30°x45°.	

WHITE COLOR PARAMETERS

CCT	LEDs/m	Power(W/M)	CRI	LM/M	LM/M
2700K(2500K-2850K)	24	24	80	1525	63.5
3000K(2800K-3200K)	24	24	80	1580	65.8
4000K(3800K-4200K)	24	24	80	1545	64.4
6500K(6200K-6800K)	24	24	80	1480	61.7

TUNABLE WHITE PARAMETERS

CCT	LEDs/m	Power(W/M)	CRI	LM/M	LM/M
2700K only(2500K-2850K)	/	12	80	850	70.8
6500K only(6200K-6800K)	24	12	80	850	70.0
2700K+6500K	/	24	80	1600	66.7

RGB COLOR PARAMETERS

CCT	LEDs/m	Power(W/M)	LM/M	LM/M
Red only	24	6	150	25.0
Green only	24	6	260	43.3
Blue only	24	6	65	10.8
RGB	24	18	515	28.6

RGBW parameters

CCT	LEDs/m	Power(W/M)	LM/M	LM/M
Red only	24	4.5	140	31
Green only	24	4.5	340	75
Blue only	24	4.5	64	14
White	24	4.5	380	84
RGBW	24	18	850	47

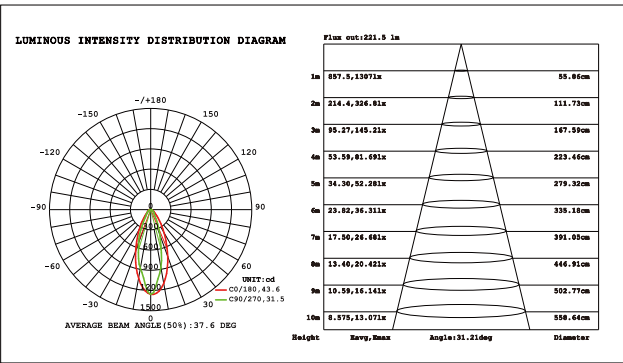
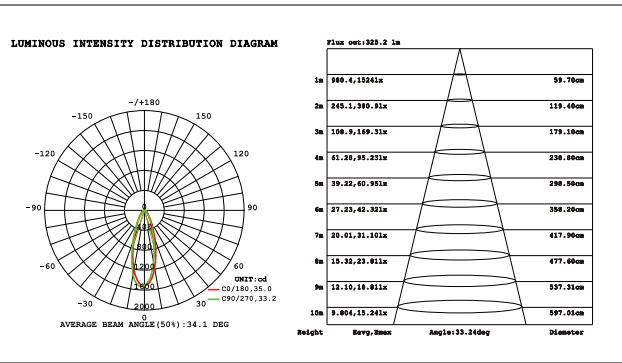
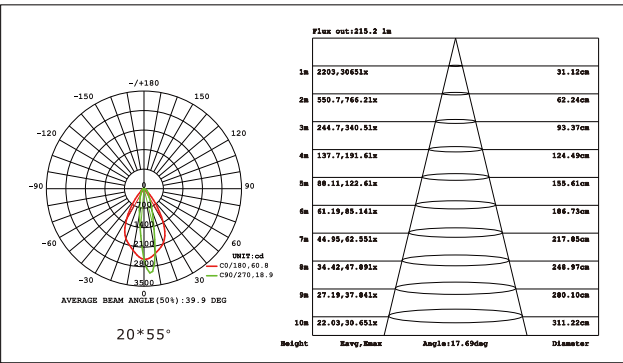
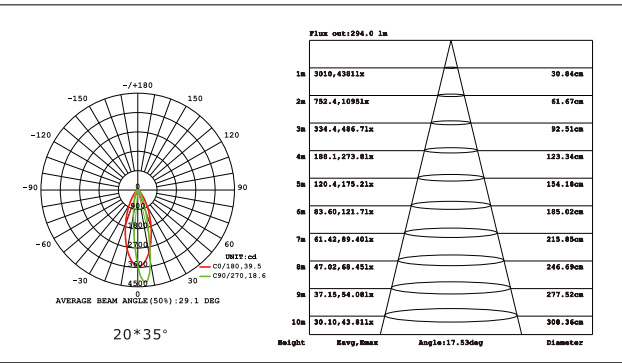
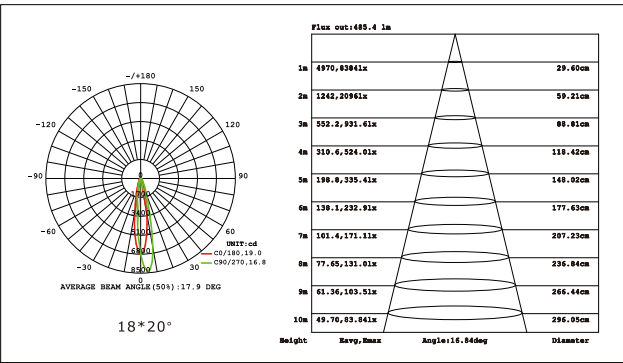
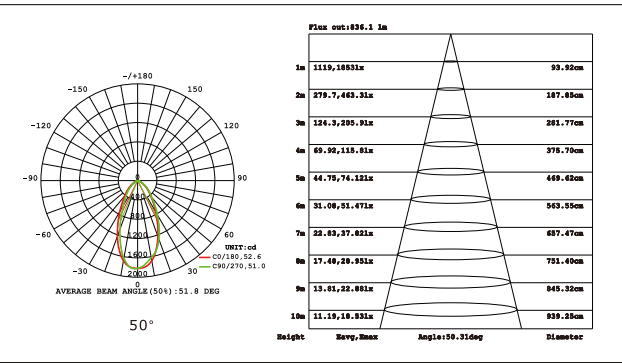
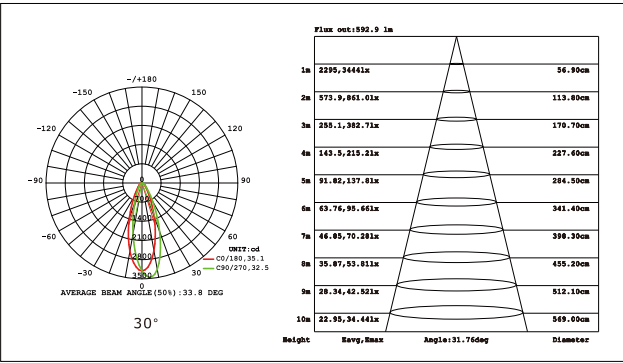
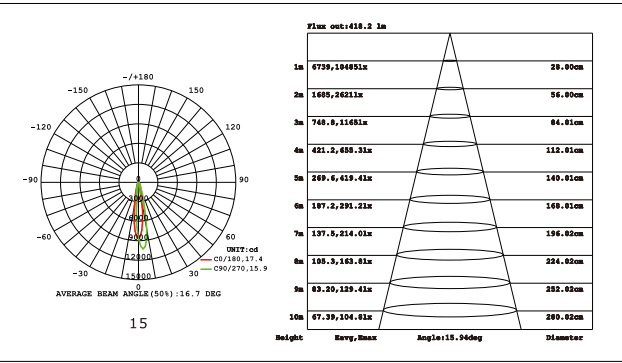
DMX512 RGB parameters

CCT	IC Tyoe	LEDs/m	Pixels/m	Power(W/M)	LM/M	LM/M
Red only	SM18522PH	24	4	6	145	24.2
Green only	SM18522PH	24	4	6	360	60.0
Blue only	SM18522PH	24	4	6	65	10.8
RGB	SM18522PH	24	4	18	515	28.6

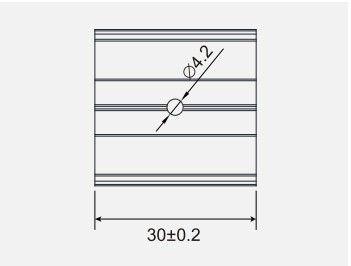
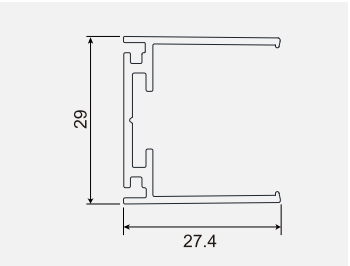
- Note:
1. Test ambient temperature is 25°C(±2°C);
 2. Brightness deviation is ±10%;
 3. The Angle of the test sample is30°;

SILICONE FREE BEND SERIES

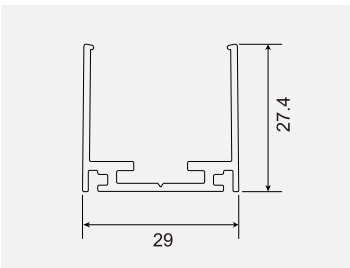
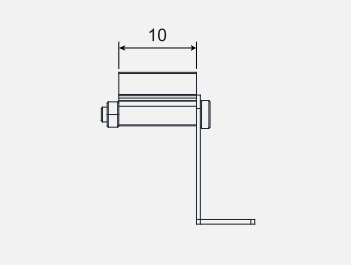
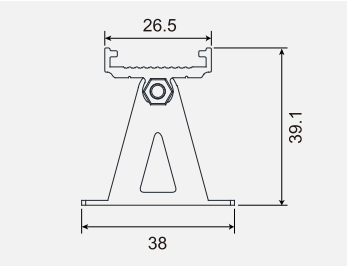
LIGHT DISTRIBUTION CURVE



ALUMINUM CLIP

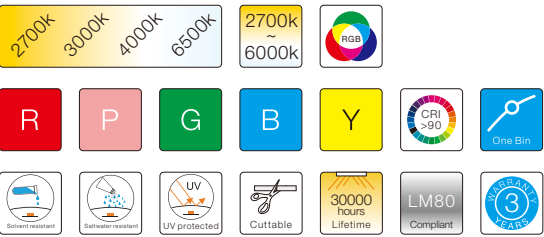


ADJUSTABLE ANGLE CLIP (USE WITH ALUMINUM CLIPS OR PROLE)

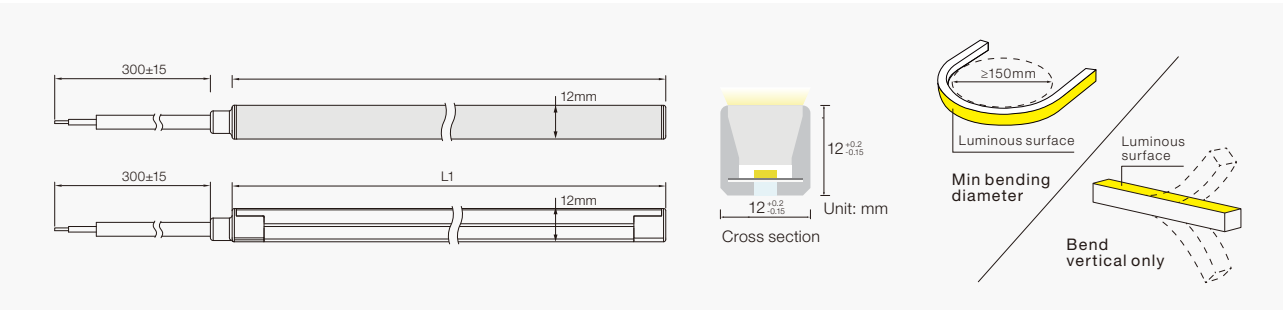


SILICONE NEON WALL WASHER T1212FW 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Integrated design for enhanced wall washing illumination
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

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

SPECIFICATION

Power	Min:5W/M;Max:10W/M
Efficacy@4000K	70lm/w
Max Ambient Temperature	45°C
Beam Angle	75x30°
Max Ambient Temperature	45C
Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%	

LENGTH STANDARD

Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
0M<Neon Strip(L)≤5M	L+6	L+8	±7
5M<Neon Strip(L)≤10M	L+6	L+8	±10
10M<Neon Strip(L)≤15M	L+6	L+8	±13

Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
15M<Neon Strip(L)≤20M	L+6	L+8	±16
20M<Neon Strip(L)≤25M	L+6	L+8	±19
25M<Neon Strip(L)≤30M	L+6	L+8	±22

PRODUCT PHOTOMETRICS

Part Number	CCT (K)	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-S1212-W27	2700K±150	302	60.4	604	60.4	50	13(CC)	CC/CV
NS-S1212-W30	3000K±150	318.5	63.7	637	63.7	50	13(CC)	CC/CV
NS-S1212-W40	4000K ⁺⁴⁰⁰ ₋₂₀₀	350	70	700	70	50	13(CC)	CC/CV
NS-S1212-W65	6500K ⁺²⁰⁰ ₋₆₀₀	335.5	67.1	671	67.1	50	13(CC)	CC/CV
NS-S1212-R	Red	148	29.6	296	29.6	50	17(CC)	CC/CV
NS-S1212-G	Green	328.5	65.7	657	65.7	50	13(CC)	CC/CV

Part Number	CCT (K)	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-S1212-B	Blue	73	14.6	146	14.6	50	13(CC)	CC/CV
NS-S1212-Y	Yellow	91.5	18.3	183	18.3	50	17(CC)	CC/CV
NS-S1212-P	Pink	297	59.4	594	59.4	50	13(CC)	CC/CV

PRODUCT PHOTOMETRICS

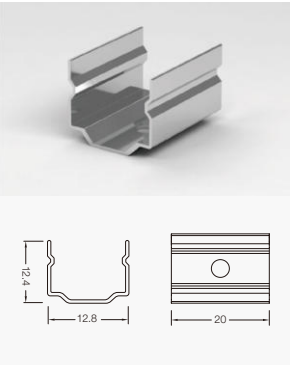
Part Number	CCT (K)	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-S1212-TW	WW	194.5	77.8	389	77.8	50	5	CV
NS-S1212-TW	W	218.5	87.4	437	87.4	50	5	CV
NS-S1212-TW	W+WW	410.5	82.1	821	82.1	50	5	CV

RGB COLOR PARAMETERS

Part Number	CCT (K)	High power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-S1212-RGB	Red	46	27.9	92	27.9	62.5	5	CV
NS-S1212-RGB	Green	151.5	91.8	303	91.8	62.5	5	CV
NS-S1212-RGB	Blue	27	16.4	54	16.4	62.5	5	CV
NS-S1212-RGB	RGB	222.5	44.5	445	44.5	62.5	5	CV

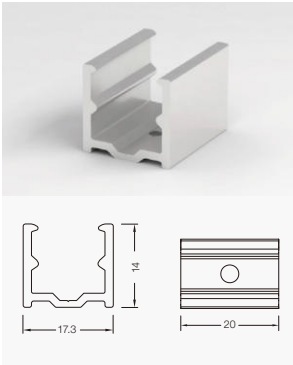
MOUNTING WAY

Mounting Clips



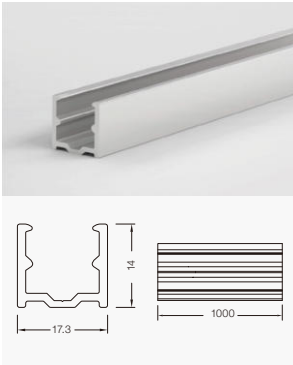
Dimension: 20x12.8x12.4mm
Accessories: Screw M3x15mm

Aluminium Mounting Clips



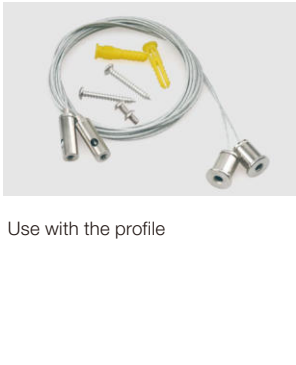
Dimension: 20x17.3x14mm
Accessories: Screw M3x15mm

Aluminium Profile



Dimension: 1000(±5)x17.3x14mm
Accessories: Screw M3x15mm

Suspension Installation



Use with the profile

CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG	●●●●	Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto	●●	Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●○●	Brown V+, White W, Yellow WW
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●●●●	Black V+, Blue B, Green GR, ed R

NEON FLEX SERIES

Neon Flex comprises two main types: Silicone Neon and PU Neon.

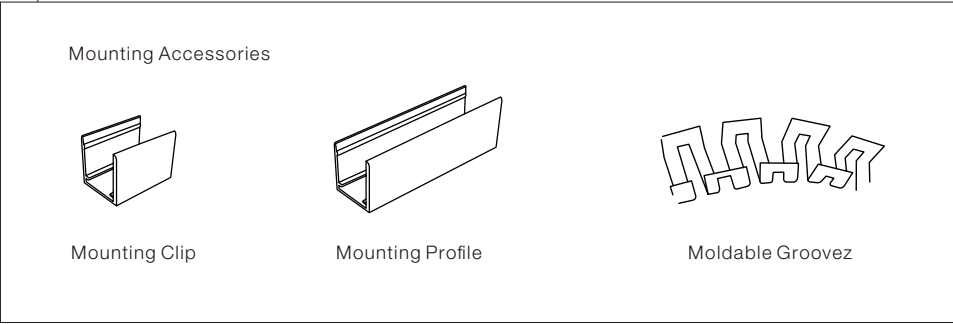
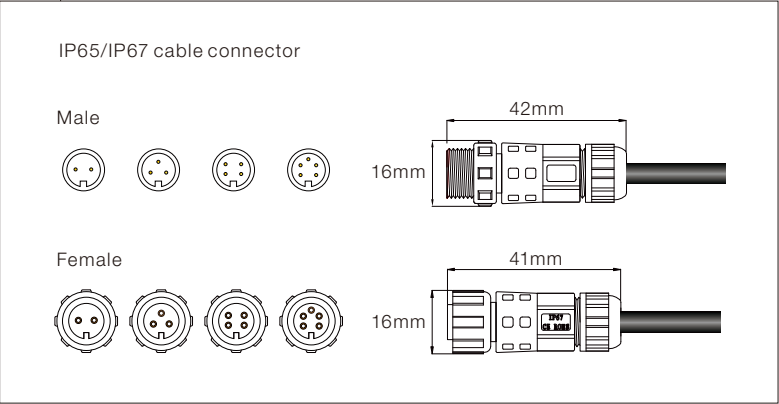
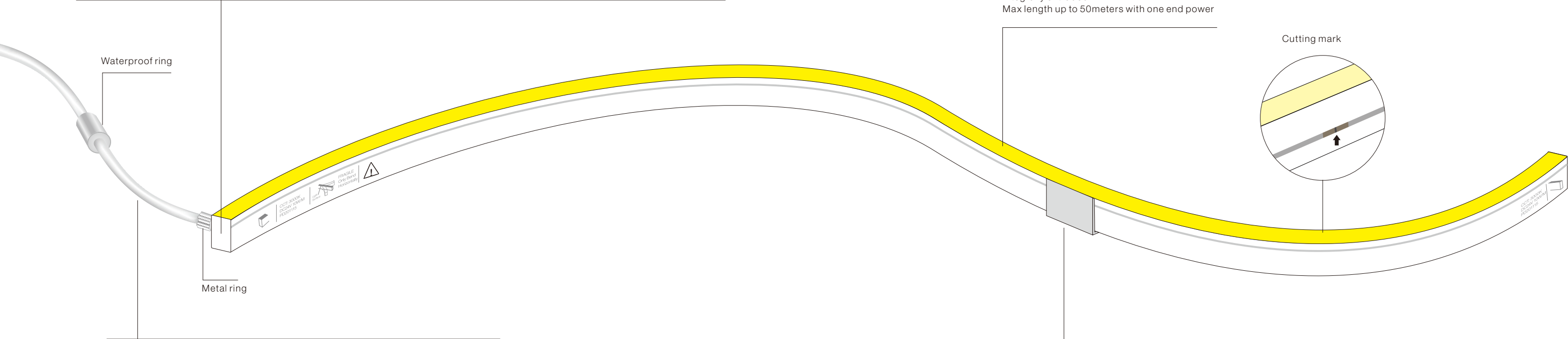
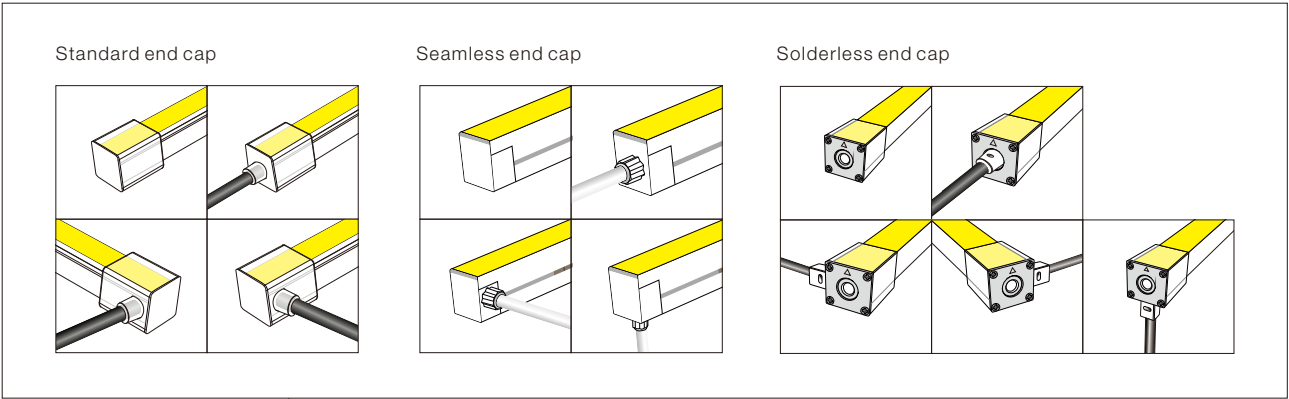
Silicone Neon: Created using a three-color silicone integrated extrusion shaping process, this neon offers protection grades ranging from IP65 to IP68. This makes it versatile for indoor, outdoor, and even underwater usage. It is resilient against saline solutions, acids, alkalis, corrosive gases, fire, and UV rays. Its applications are diverse, including indoor and outdoor decorative molding, building outlines, and city night scene illumination to achieve impressive lighting effects.

PU Neon: Constructed with a TPU U-shaped milky tube and filled with opal PU glue, this neon holds an IP68 protection grade. It's specifically designed for underwater usage, boasting UV and saltwater resistance, making it ideal for underwater decorative lighting.



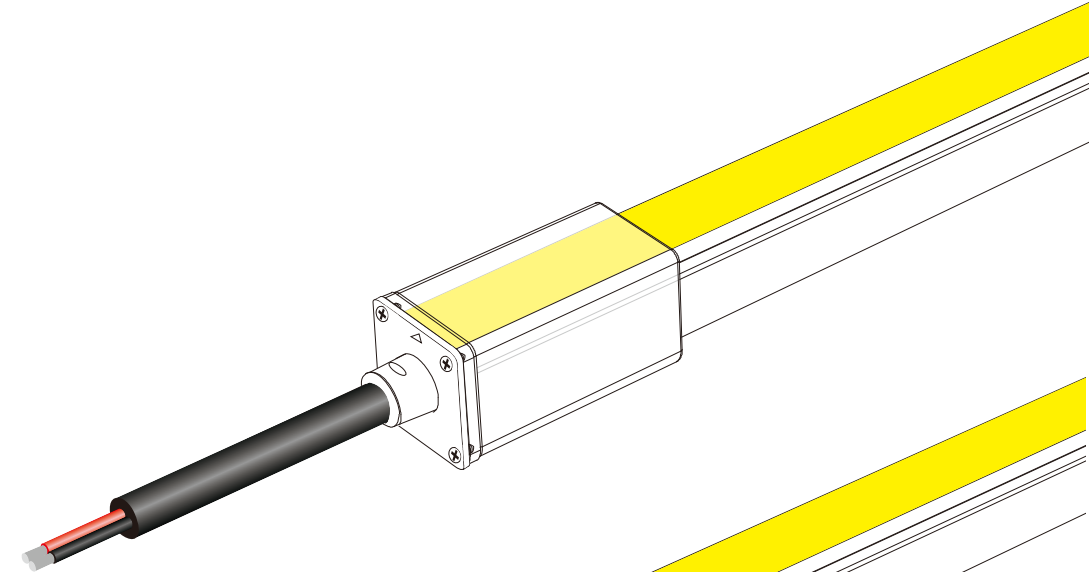
NEON FLEX SOLUTION

Cable outlet

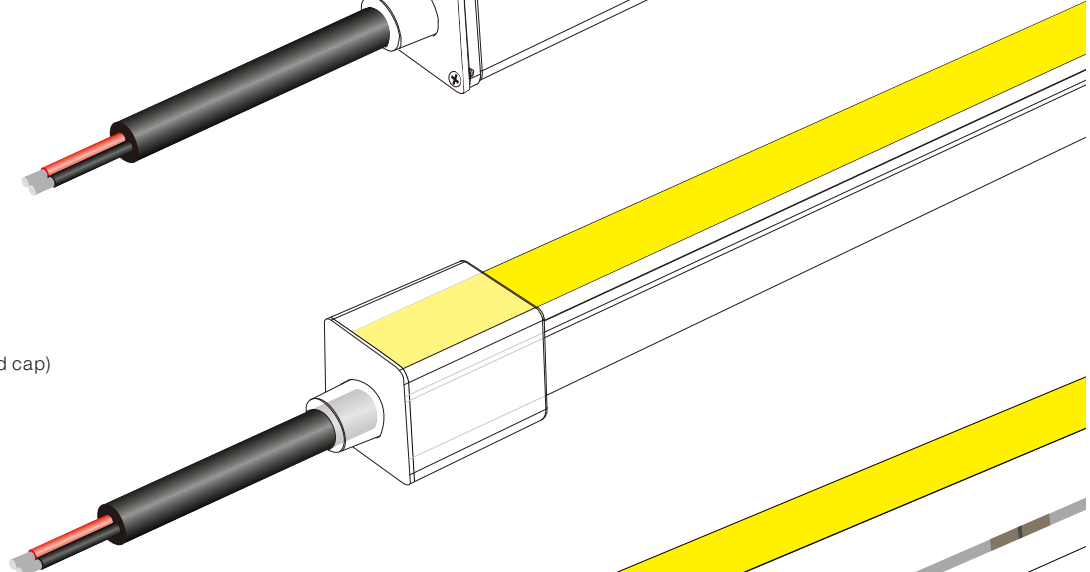


IP PROCESS TECHNOLOGY

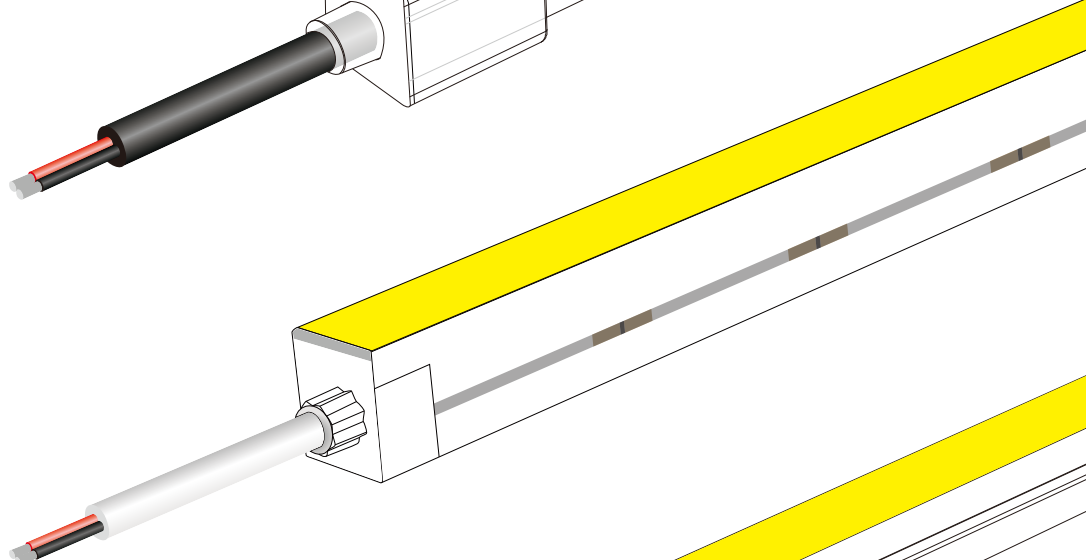
IP65
(Solderless end cap)



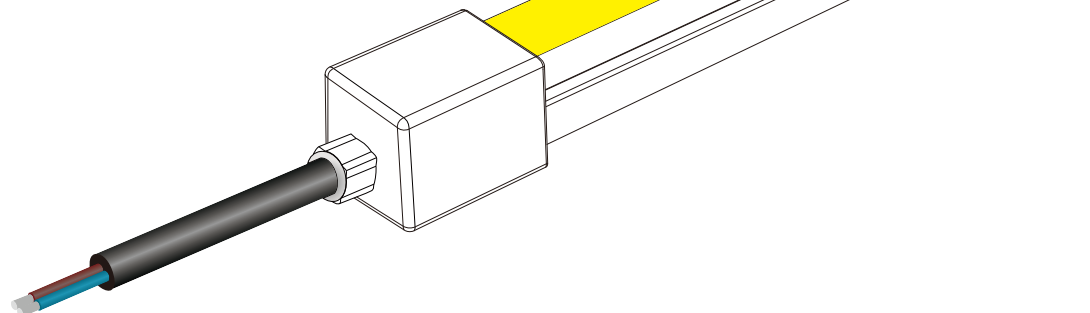
IP67
(Standard silicone end cap)



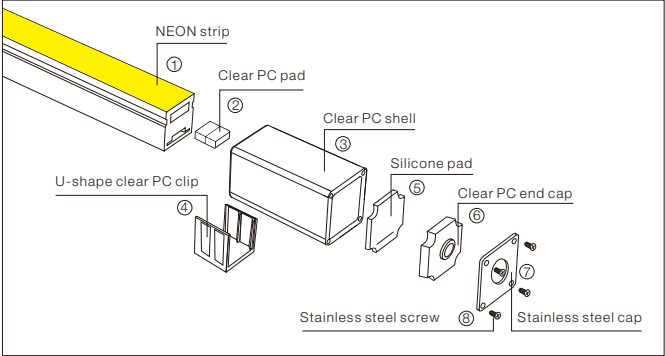
IP67
(Seamless end cap)



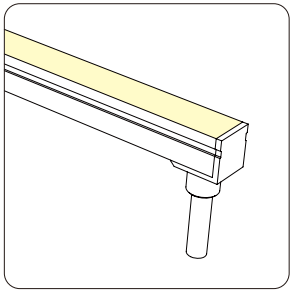
IP68
(SILICON NEON)



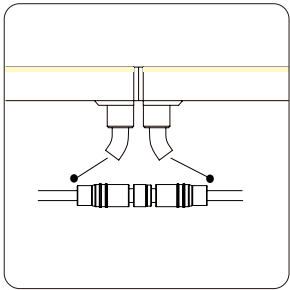
IP65 Solderless end cap deconstruction diagram



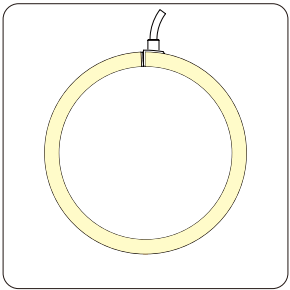
IP67 Seamless end cap without dark area



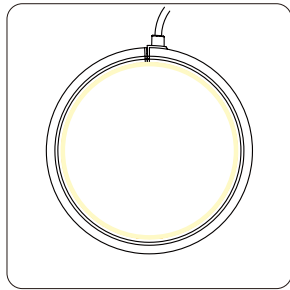
Linear interconnection without dark area



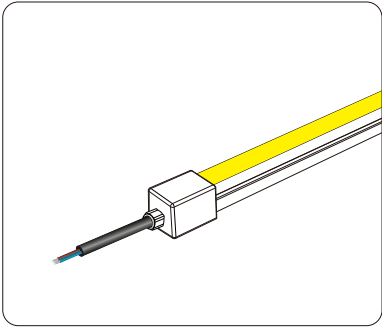
Curve interconnection of lighting outward without dark area



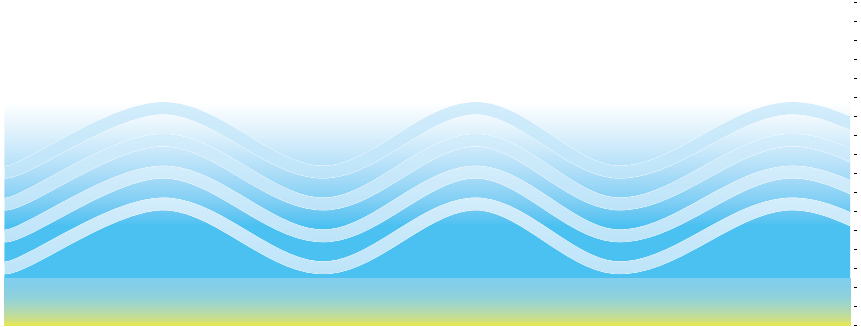
Curve interconnection of lighting outward without dark area



IP68 end cap, used under the water

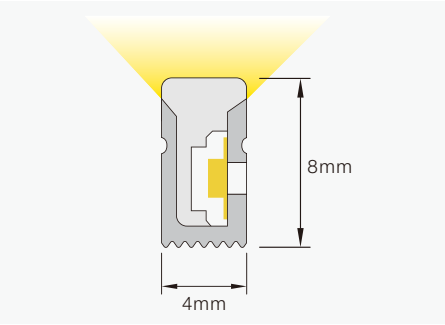


Pool
Under water<2meters deep

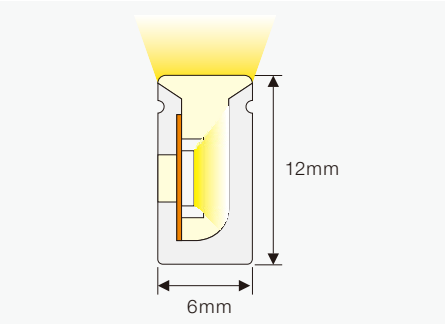


SIDE BEND

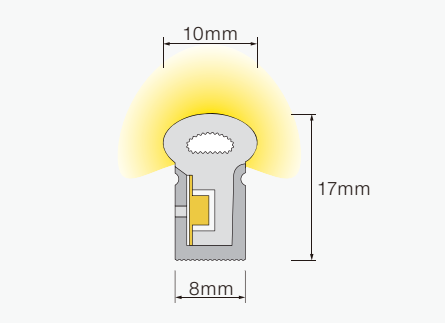
Series	Flat luminous surface series (Side bend)
Model	NS-S0408
Size(mm)	4x8
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	199~223
CCT / Color	
CRI	>90
Min bending radius (mm)	≥30
IP	IP67



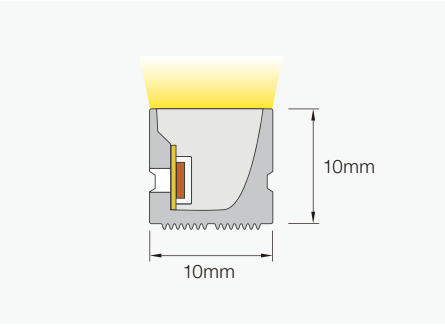
Series	Flat luminous surface series (Side bend)
Model	NS-S0612
Size(mm)	6x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 145~190 10: 246~360
CCT / Color	
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



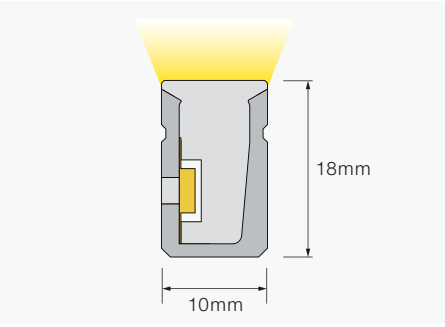
Series	Curve luminous surface series (Side bend)
Model	NS-S0817
Size(mm)	8x17
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 142~174 10: 271~340
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



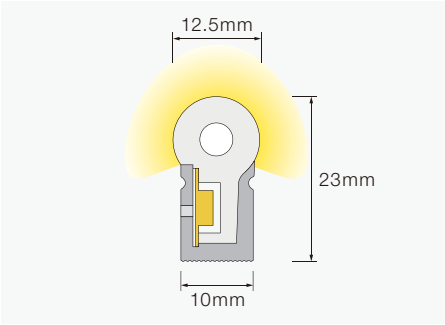
Series	Flat luminous surface series (Side bend)
Model	NS-S1010
Size(mm)	10x10
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 279~356 10: 533~690
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



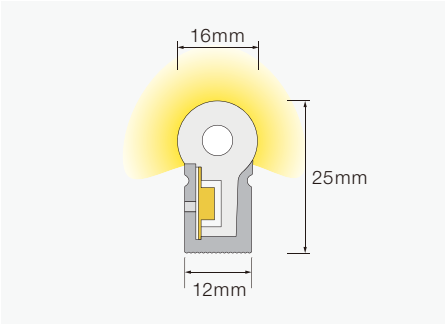
Series	Flat luminous surface series (Side bend)
Model	NS-S1018
Size(mm)	10x18
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 141.4~180.3 10: 273.3~356.0 15: 371.5~484.1
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



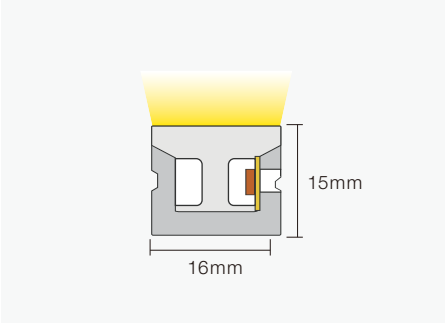
Series	Curve luminous surface series (Side bend)
Model	NS-S1023
Size(mm)	10x23
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 160~197 10: 310~387 15: 433~542
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



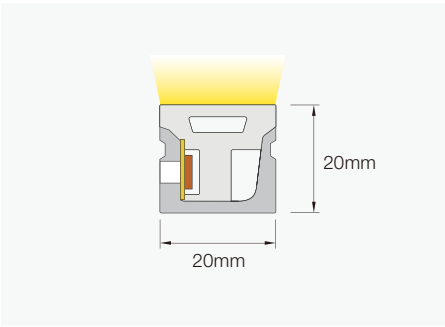
Series	Curve luminous surface series (Side bend)
Model	NS-S1225
Size(mm)	12x25
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 124~160 10: 237~318 15: 332~441
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



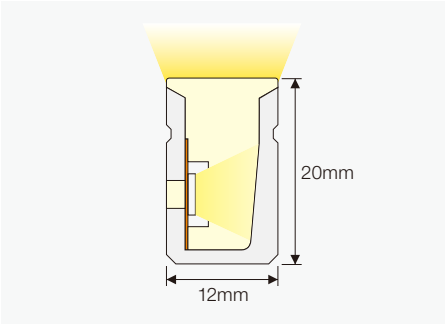
Series	Flat luminous surface series (Side bend)
Model	NS-S1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 315~390 10: 590~750 15: 840~1080
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Flat luminous surface series (Side bend)
Model	NS-S2020
Size(mm)	20x20
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 198~240 10: 382~464 15: 546~671
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

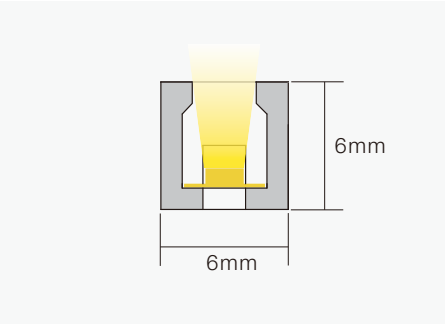


Series	Flat luminous surface series (Side bend)
Model	NS-S1220
Size(mm)	12x20
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 131.7~176.9 10: 258.7~345.1 15: 360.9~475.4
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67

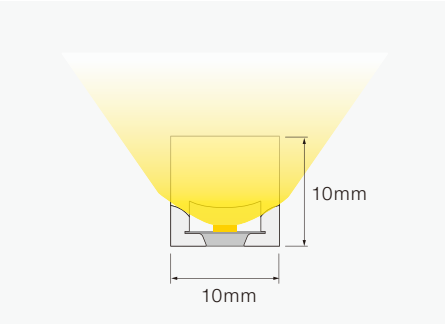


TOP BEND

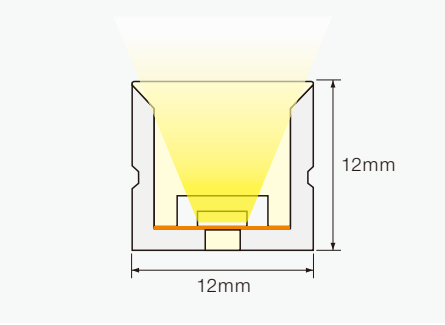
Series	Flat luminous surface series (Top Bend)
Model	NS-T0606
Size(mm)	6x6
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	235~379
CCT / Color	
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



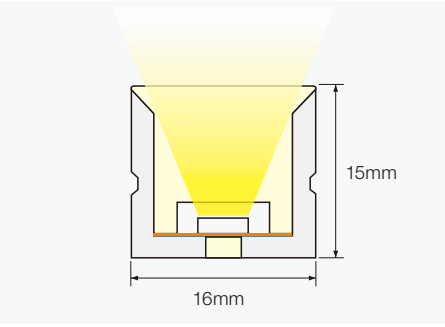
Series	Flat luminous surface series (Top Bend)
Model	NS-T1010
Size(mm)	10x10
Voltage	DC24V
Min cut (mm)	35.7
Power (W/m)	5/10
Lumen (LM/m)	5: 332.5~429.6 10: 644.1~828.8
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



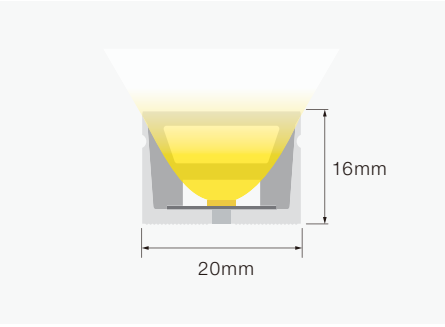
Series	Flat luminous surface series (Top Bend)
Model	NS-T1212
Size(mm)	12x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 289.6~354.1 10: 559.8~681.9
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



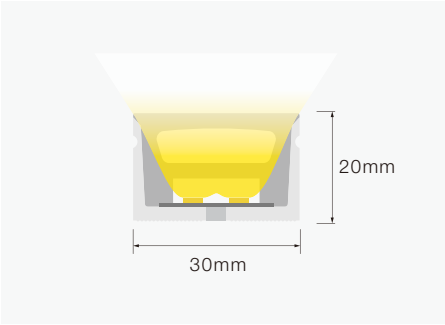
Series	Flat luminous surface series (Top Bend)
Model	NS-T1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 240.3~300.7 10: 459.9~583.9 15: 627.5~815.8
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



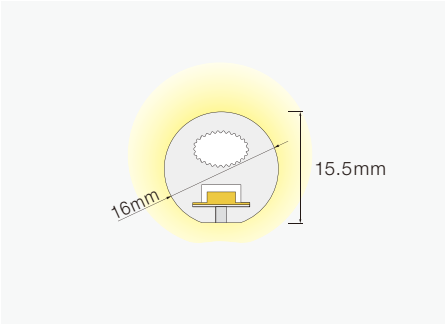
Series	Flat luminous surface series (Top Bend)
Model	NS-T2016
Size(mm)	20x16
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW)
Power (W/m)	12/16/20
Lumen (LM/m)	12: 608~783 16: 792~1009 20: 942~1220
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Flat luminous surface series (Top Bend)
Model	NS-T3020
Size(mm)	30x20
Voltage	DC24V
Min cut (mm)	50(Single color) / 41.66(Tunable/RGB/RGBW)
Power (W/m)	16/20/24
Lumen (LM/m)	16: 836.9~1067 18: 1017~1298 24: 1196~1534
CCT / Color	
CRI	>90
Min bending radius (mm)	≥300
IP	IP67

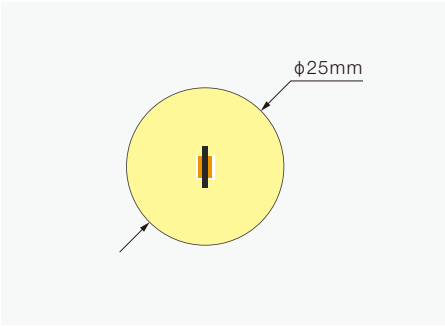


Series	Curve luminous surface series (Top Bend)
Model	NS-D16
Size(mm)	16
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	284~378
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

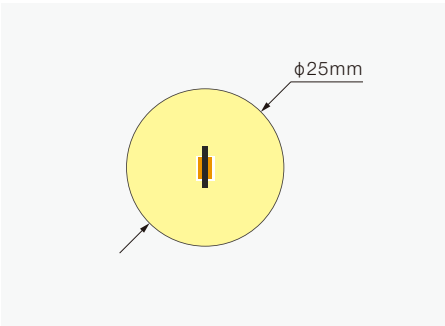


360° SERIES

Series	Round luminous surface series (360° SERIES)
Model	NS-D25
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	5: 256~309 10: 551~604
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

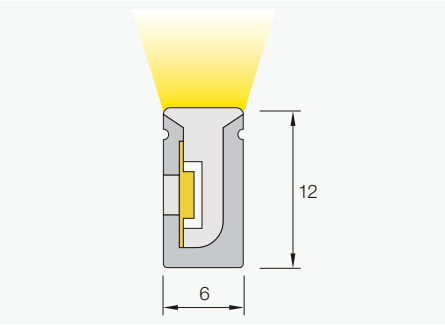


Series	POSEABLE 360°SILICONE NEON (360° SERIES)
Model	NS-D25P
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	363~547
CCT / Color	
CRI	>90
Min bending radius (mm)	≥400
IP	IP67

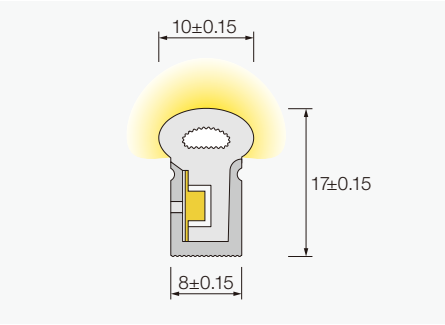


DMX512 & SPI SERIES

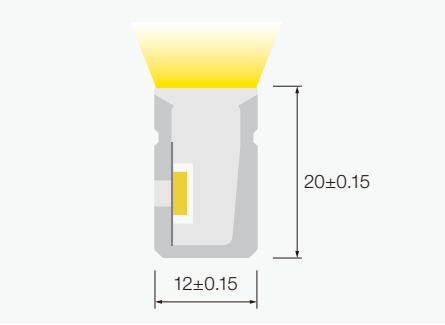
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0612
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	42~162
CCT / Color	
CRI	>90
Min bending radius (mm)	≥30
IP	IP67



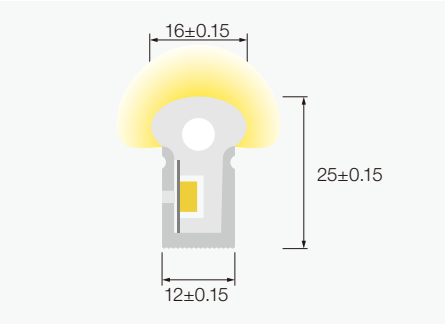
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0817
Size(mm)	8X17
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	36~152
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



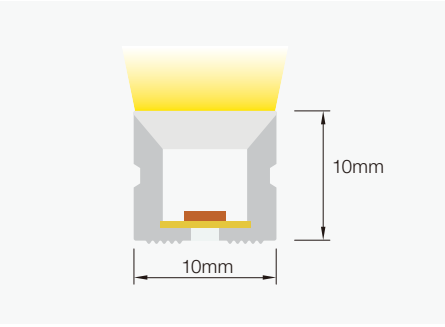
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	28~159
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



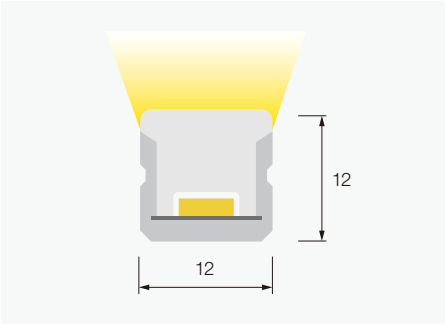
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S1225
Size(mm)	12X25
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	25~145
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



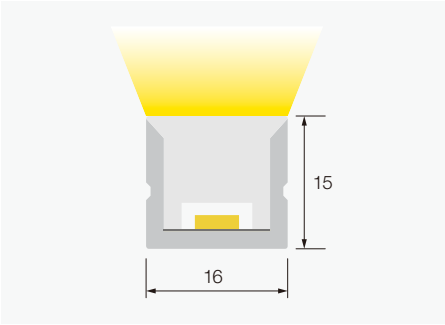
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1010
Size(mm)	10X10
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	69~304
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



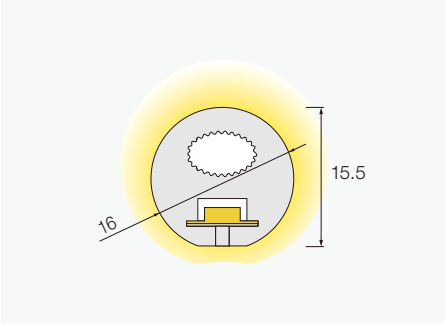
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1212
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	60~266
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



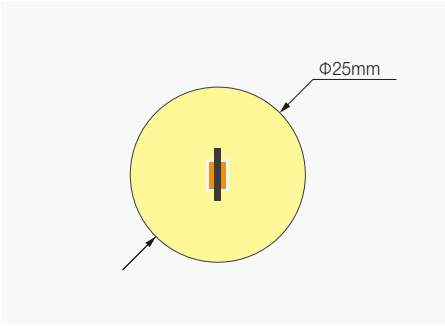
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	48~262
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



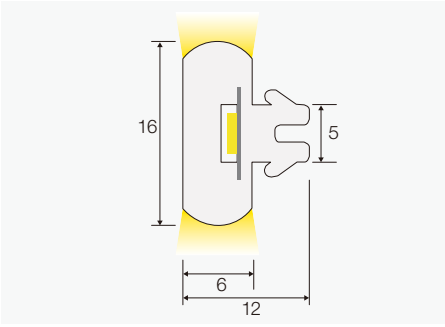
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-D16
Size(mm)	16
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	69~294
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Round luminous surface series (DMX512 & SPI SERIES)
Model	NS-D25
Size(mm)	25
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	25
Lumen (LM/m)	112~474
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

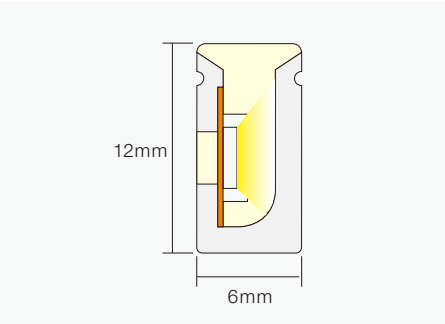


Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0612D
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	64~243
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67

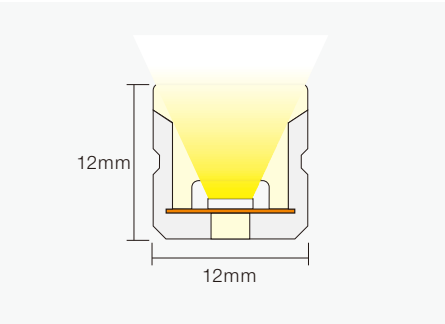


MINI CUTTING SERIES

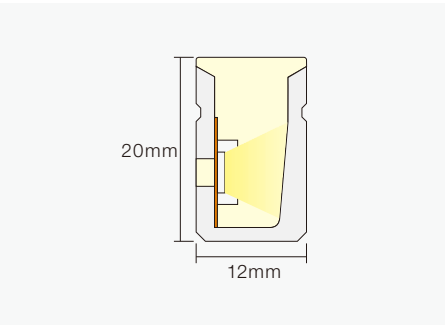
Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-S0612MC
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10
Lumen (LM/m)	173.25~181.50
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



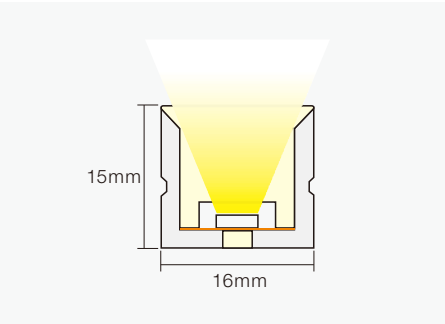
Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-T1212MC
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	299.25~313.50
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-S1220MC
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	144.37~151.25
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥150
IP	IP67

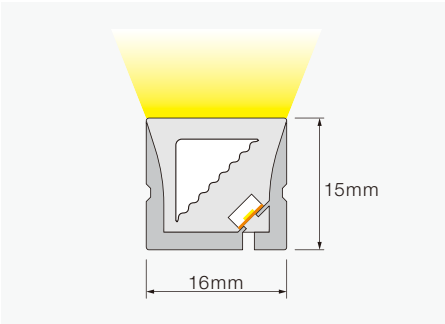


Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-T1615MC
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	254.62~266.75
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

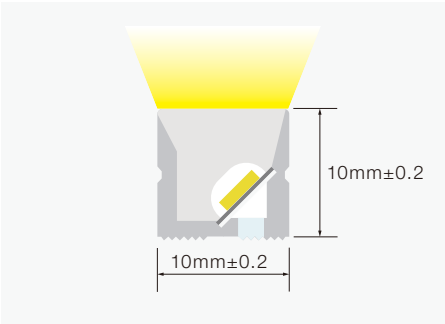


3D SERIES

Series	Flat luminous surface series (3D SERIES)
Model	NS-3D1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	316~391
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

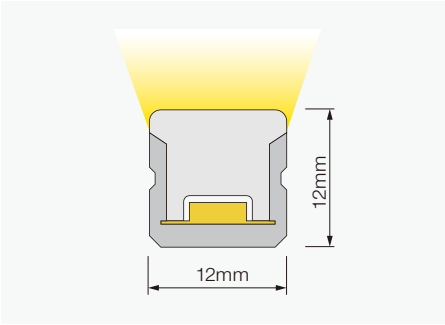


Series	Flat luminous surface series (3D SERIES)
Model	NS-3D1010
Size(mm)	10±0.2X10±0.2
Voltage	DC24V
Min cut (mm)	35.7
Power (W/m)	10
Lumen (LM/m)	5: 232~253 10: 464~506
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	Top>300 Side>400
IP	IP67

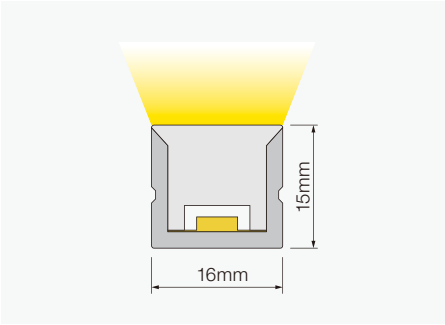


HIGH EFFICIENCY SERIES

Series	Flat luminous surface series (HIGH EFFICIENCY SERIES)
Model	NS-T1212H
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	420~480
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

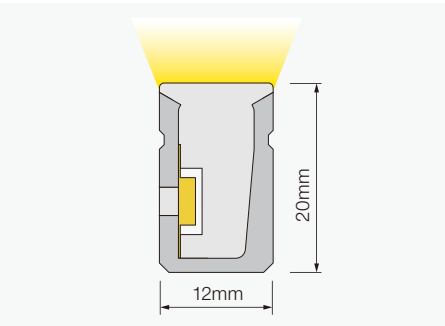


Series	Flat luminous surface series (HIGH EFFICIENCY SERIES)
Model	NS-T1615H
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	375~450
CCT / Color	4000K 5000K 6000K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

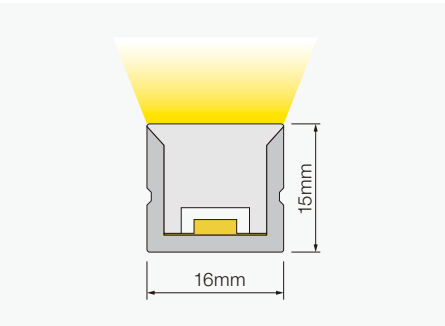


BLACK SERIES

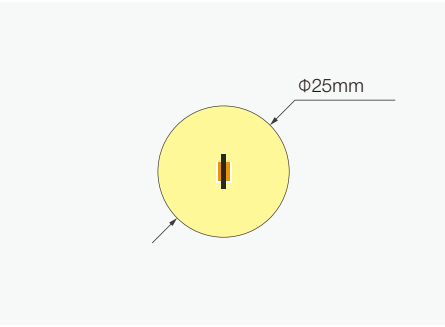
Series	Flat luminous surface series (BLACK SERIES)
Model	NS-S1220B
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	9.1~10.1
CCT / Color	4000K 5000K 6000K R G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



Series	Flat luminous surface series (BLACK SERIES)
Model	NS-T1615B
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	10.3~10.9
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

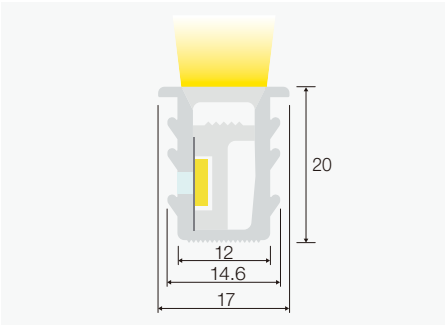


Series	Round luminous surface series (BLACK SERIES)
Model	NS-D25B
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	5: 37~40 10: 75~83
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

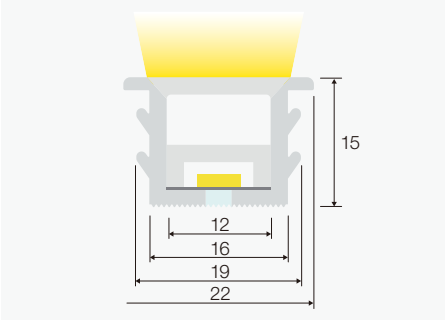


WING-DESIGNED NEON

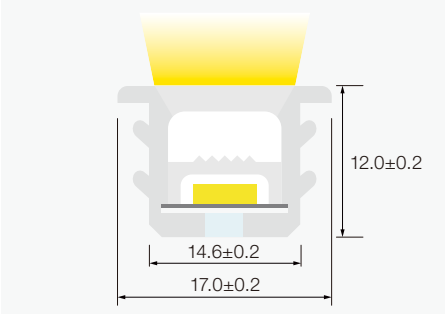
Series	Flat luminous surface series (IP44 SERIES)
Model	NS-S1220T
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	374~407
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP44



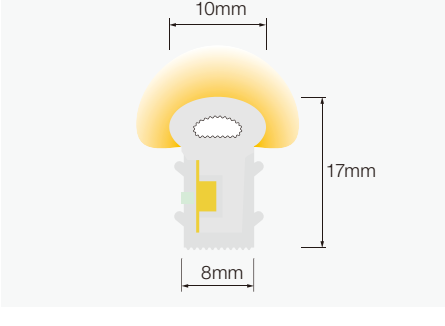
Series	Flat luminous surface series (IP44 SERIES)
Model	NS-T1615T
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	48.8~63.0
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP44



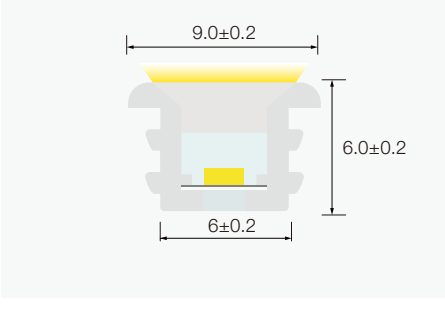
Series	Flat luminous surface series (IP65 SERIES)
Model	NS-T1212T
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	488~585
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP65



Series	Curve luminous surface series (IP44 SERIES)
Model	NS-S0817T
Size(mm)	8X17
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	340~414
CCT / Color	4000K 5000K 6000K R P G B Y O
CRI	>90
Min bending radius (mm)	≥100
IP	IP44

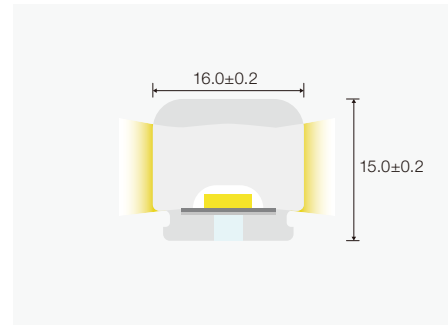


Series	Flat luminous surface series (IP65 SERIES)
Model	NS-S0606T
Size(mm)	6X6
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	6
Lumen (LM/m)	415.2~442.8
CCT / Color	4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥50
IP	IP65

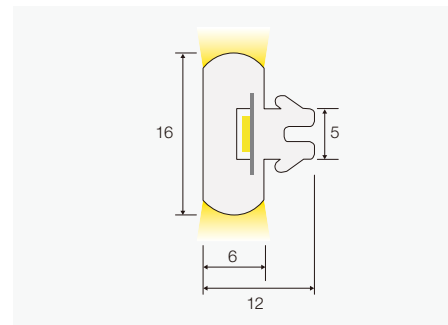


DOUBLE-SIDE EMITTING NEON FLEX

Series	Double-side emitting Neon flex
Model	NS-DT1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	604-638
CCT / Color	         
CRI	>90
Min bending radius (mm)	≥200
IP	IP65

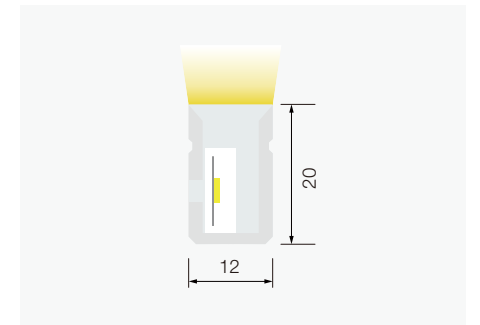


Series	Double-side emitting Neon flex
Model	NS-DS1612
Size(mm)	16X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	520~600
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP65

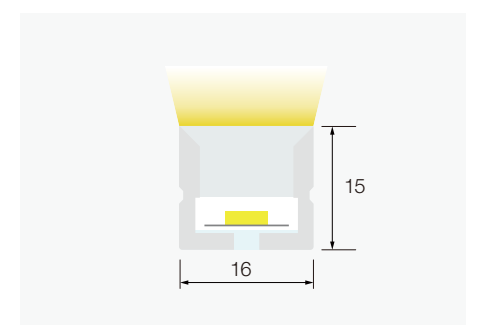


IP68 SILICONE NEON

Series	Flat luminous surface series (PU SERIES)
Model	NP-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	242~290
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP68

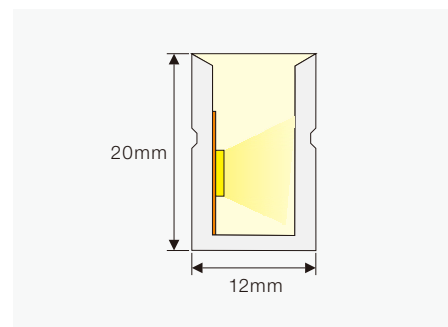


Series	Flat luminous surface series (PU SERIES)
Model	NP-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	370~410
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP68

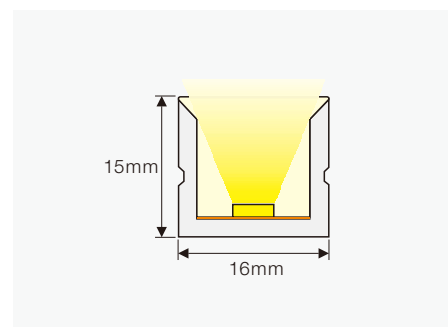


IP68 PU SERIES

Series	Flat luminous surface series (PU SERIES)
Model	NP-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	314~330
CCT / Color	
CRI	>80
Min bending radius (mm)	≥300
IP	IP68



Series	Flat luminous surface series (PU SERIES)
Model	NP-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	498-513
CCT / Color	
CRI	>80
Min bending radius (mm)	≥300
IP	IP68





SIDE / HORIZONTAL BEND SERIES

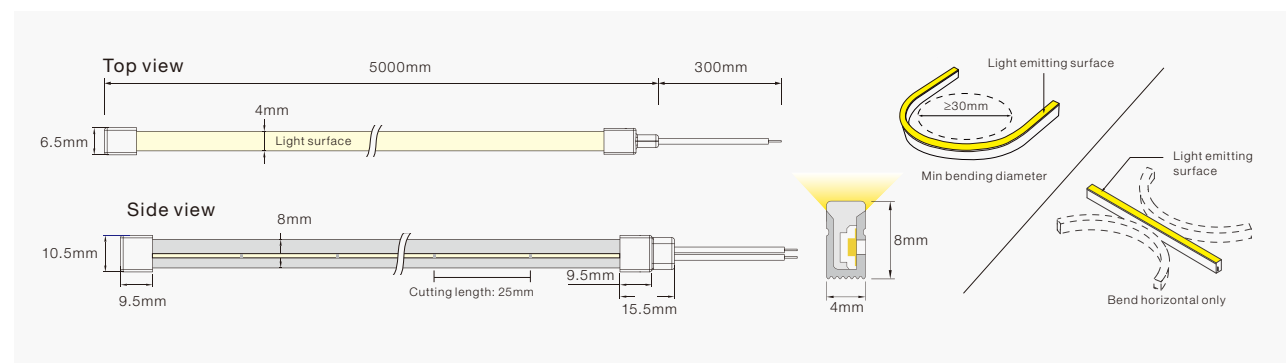
This series of LED neon lights can be bent either on the side or horizontally.

SIDE / HORIZONTAL BEND S0408 NEON 24V

- Regular power 6W/m
- Max length 5 meters with one end power
- Seven CCT optional from 2100K to 5300K



DIMENSIONS & WATERPROOF

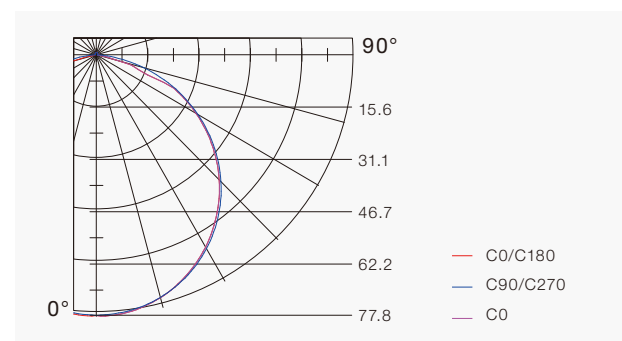


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

S0408	
Power(W/m)	6
Efficacy(lm/W)@3000K	42.2
Max Length(m)	5

POLAR CURVE (The data base on 6W 5300K)

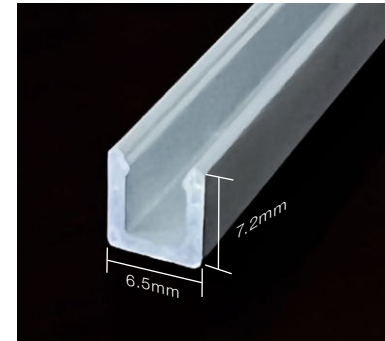


PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Lumen(lm/m)	Efficacy(lm/w)
NS-S0408-W21	2000-2300K	199	33.2
NS-S0408-W24	2300-2600K	212	35.3
NS-S0408-W26	2400-2800K	219	36.5
NS-S0408-W30	2800-3300K	253	42.2
NS-S0408-W35	3200-3900K	223	37.2
NS-S0408-W42	3900-4600K	214	35.7
NS-S0408-W53	5000-5700K	221	36.8

ACCESSORY

Mounting accessories



Mounting clip (length: 1.5cm)
Mounting channel (length: 1m, 2m, 3m)

Wire cable



2PIN cable

Endcap Standard end cap



Endcap without hole



Outlet from the end

Connector



2PIN connector (Single color)

SIDE / HORIZONTAL BEND

S0612 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 20 meters with one end power
- Silicone end cap
- Eight CCT optional from 2100K to 6150K

2100k
2400k
2700k
3000k
3500k
4050k
5050k
6150k

2200k
5500k

R

P

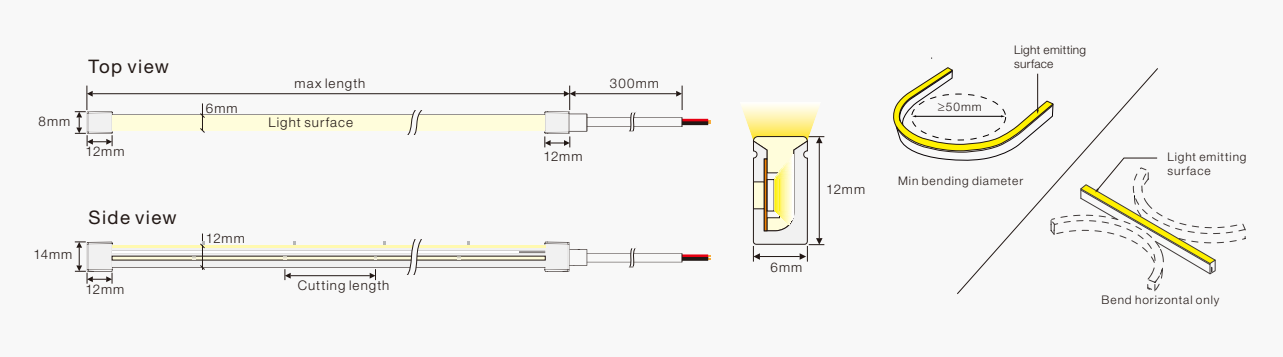
G

B

Y



DIMENSIONS & WATERPROOF

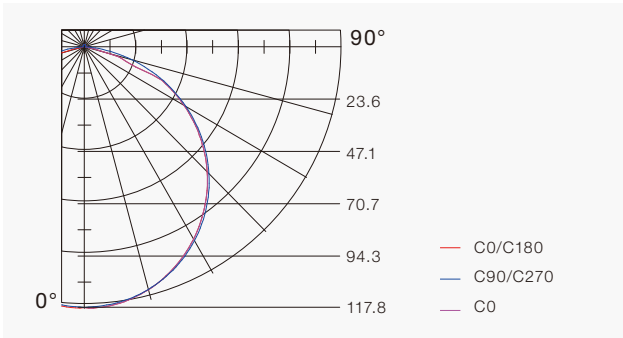


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm

POLAR CURVE

(The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0612-W21	2000-2200K	145	15m	246	10m
NS-S0612-W24	2300-2500K	173	15m	312	10m
NS-S0612-W27	2600-2800K	178	15m	353	10m
NS-S0612-W30	2900-3100K	154	15m	299	10m
NS-S0612-W35	3400-3700K	169	15m	327	10m
NS-S0612-W40	3800-4300K	186	15m	360	10m
NS-S0612-W50	4800-5300K	187	15m	360	10m
NS-S0612-W60	5900-6400K	190	15m	359	10m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0612-TW	2000-2300K	58	5m	126	5m
NS-S0612-TW	5000-5500K	88	5m	177	5m
NS-S0612-TW	3400-3700K	158	5m	269	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0612-R	620-625nm	82.0	20m	160.0	13m
NS-S0612-G	515-525nm	240.0	15m	398.0	10m
NS-S0612-B	460-465nm	29.7	15m	51.6	10m
NS-S0612-Y	585-595nm	61.4	20m	125.0	13m
NS-S0612-P	-	78.0	15m	144.6	10m
NS-S0612-RGB	15000-30000K	73.0	5m	126.6	5m

ACCESSORY

Mounting accessories

Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

Endcap

Standard end cap

Curved Stainless Steel mounting profile

8.8mm
13mm
12.1mm
7.3mm

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

2PIN connector (Single color)

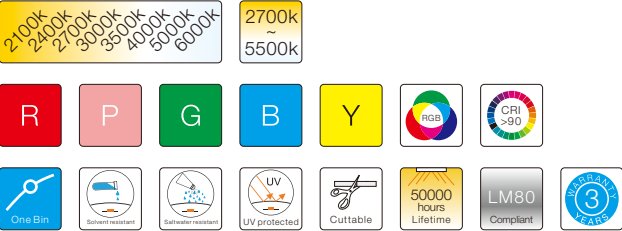
3PIN connector (Tunable White)

4PIN connector (RGB color)

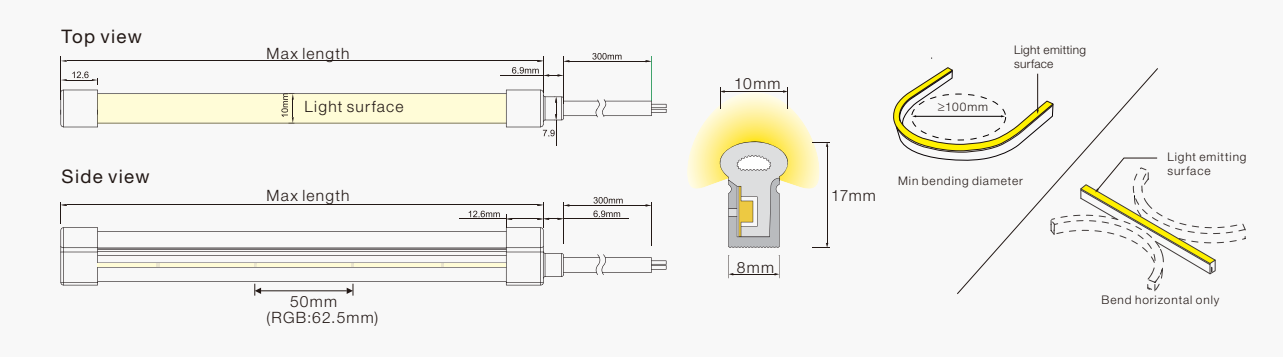
SIDE / HORIZONTAL BEND

S0817 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

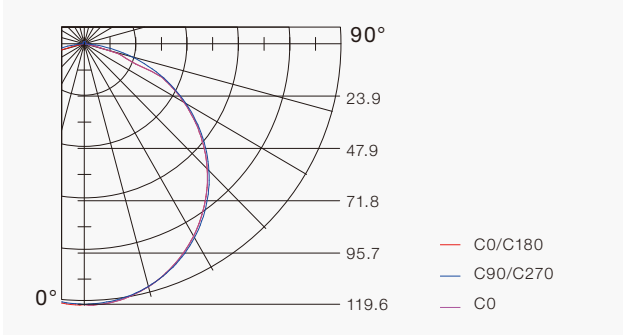


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE

(The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0817-W21	2000~2200K	142	19m	271	13m
NS-S0817-W24	2300~2500K	148	19m	285	13m
NS-S0817-W27	2600~2800K	159	19m	310	13m
NS-S0817-W30	2900~3100K	154	19m	311	13m
NS-S0817-W35	3400~3700K	160	19m	323	13m
NS-S0817-W40	3800~4300K	174	19m	340	13m
NS-S0817-W50	4800~5300K	175	19m	344	13m
NS-S0817-W60	5900~6300K	166	19m	319	13m

TUNABLE COLOR PARAMETERS

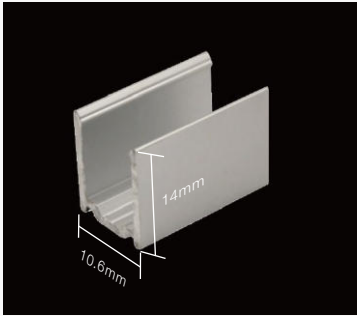
Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0817-TW	2500-2900K	81	5m	169	5m
NS-S0817-TW	5000-5800K	83	5m	173	5m
NS-S0817-TW	3500-4200K	161	5m	332	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S0817-R	Red(620-625nm)	67.7	25m	192.2	17m
NS-S0817-G	Green(515-525nm)	195.0	19m	466.0	13m
NS-S0817-B	Blue(460-465nm)	34.7	19m	92.7	17m
NS-S0817-Y	Yellow(585-595nm)	14.6	25m	37.4	13m
NS-S0817-P	Pink	74.3	19m	195.8	17m
NS-S0817-RGB	RGB	77.4	5m	108.0	5m

ACCESSORY

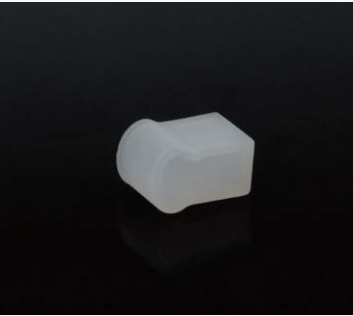
Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

Standard end cap

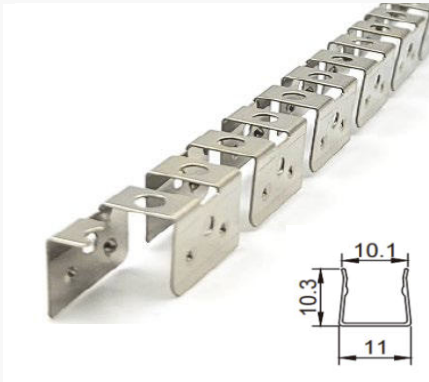


Endcap without hole



Outlet from the end

Curved Stainless Steel mounting profile



Wire cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)



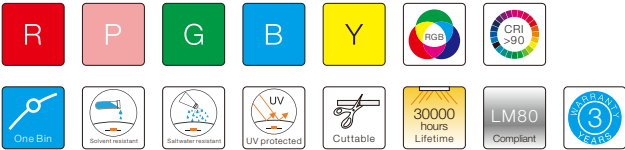
3PIN connector
(Tunable White)



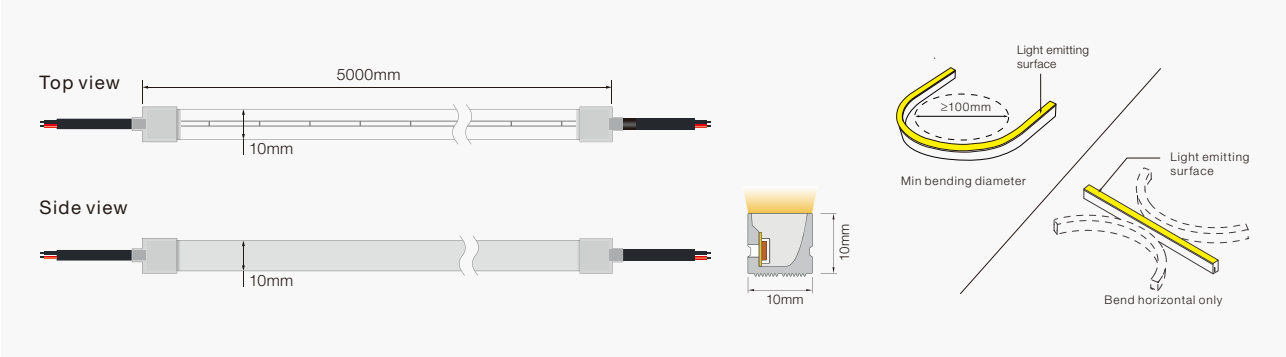
4PIN connector
(RGB color)

SIDE / HORIZONTAL BEND S1010 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6000K



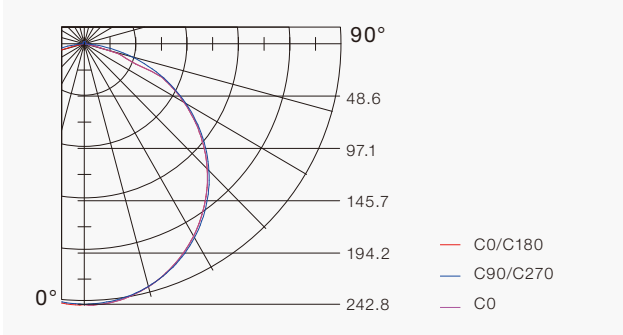
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S1010-W21	2000~2200K	279	5m	533	5m
NS-S1010-W24	2300~2500K	292	5m	564	5m
NS-S1010-W27	2600~2800K	298	5m	571	5m
NS-S1010-W30	2900~3100K	322	5m	623	5m
NS-S1010-W35	3400~3700K	306	5m	593	5m
NS-S1010-W40	3800~4300K	340	5m	660	5m
NS-S1010-W50	4800~5300K	346	5m	677	5m
NS-S1010-W60	5900~6400K	356	5m	690	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-S1010-R	Red(620-625nm)	140	5m	275	5m
NS-S1010-G	Green(515-525nm)	276	5m	540	5m
NS-S1010-B	Blue(460-465nm)	71	5m	131	5m
NS-S1010-Y	Yellow(585-595nm)	127	5m	246	5m
NS-S1010-P	Pink	232	5m	452	5m

ACCESSORY

Mounting accessories

Stainless Steel Mounting Clips

Aluminium Profile

Curved Stainless Steel mounting profile

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

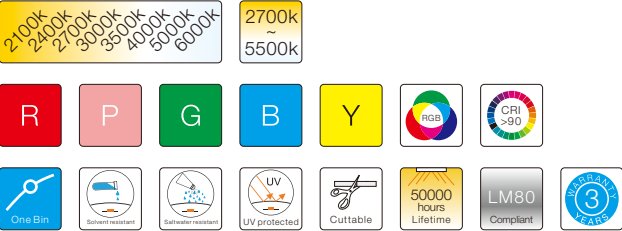
2PIN connector (Single color)

3PIN connector (Tunable White)

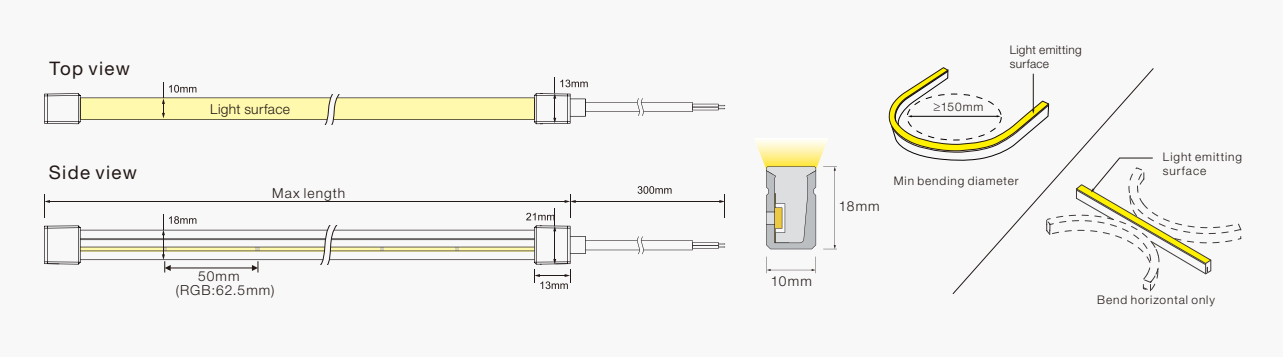
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1018 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 33 meters with one end power
- Eight CCT optional from 2100K to 6000K



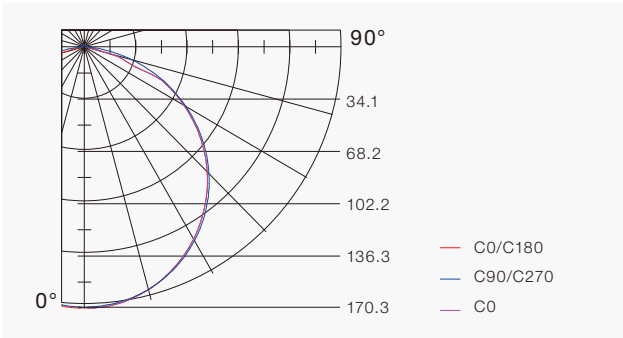
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1018-W21	2000~2200K	141.4	25m	276.4	17m	375.9	12m
NS-S1018-W24	2300~2500K	138.7	25m	273.3	17m	371.5	12m
NS-S1018-W27	2600~2800K	160.4	25m	312.6	17m	421.9	12m
NS-S1018-W30	2900~3100K	163.4	25m	328.4	17m	441.3	12m
NS-S1018-W35	3400~3700K	170.3	25m	327.0	17m	452.6	12m
NS-S1018-W40	3800~4300K	178.3	25m	356.0	17m	484.1	12m
NS-S1018-W50	4800~5300K	180.3	25m	346.0	17m	483.9	12m
NS-S1018-W60	5900~6300K	177.2	25m	353.9	17m	468.5	12m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1018-TW	2500-2900K	77.2	5m	163.2	5m	219.0	5m
NS-S1018-TW	5000-5800K	83.0	5m	173.5	5m	231.5	5m
NS-S1018-TW	3500-4200K	160.8	5m	337.0	5m	451.8	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1018-R	Red(620-625nm)	70	33m	150	22m	192.2	17m
NS-S1018-G	Green(515-525nm)	190	25m	356	17m	466.0	12m
NS-S1018-B	Blue(460-465nm)	38	25m	71	17m	92.7	12m
NS-S1018-Y	Yellow(585-595nm)	59	33m	116	22m	37.4	17m
NS-S1018-P	Pink	74	25m	148	17m	195.8	12m
NS-S1018-RGB	RGB	82	5m	144	5m	108.0	5m

ACCESSORY

Mounting accessories

Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

Standard end cap

Curved Stainless Steel mounting profile

11.4
13.3
10.9

Wire cable

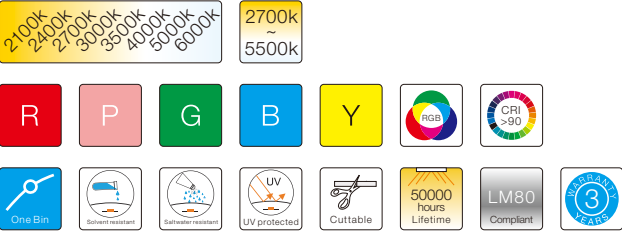
2PIN cable
3PIN cable
4PIN cable

Connector

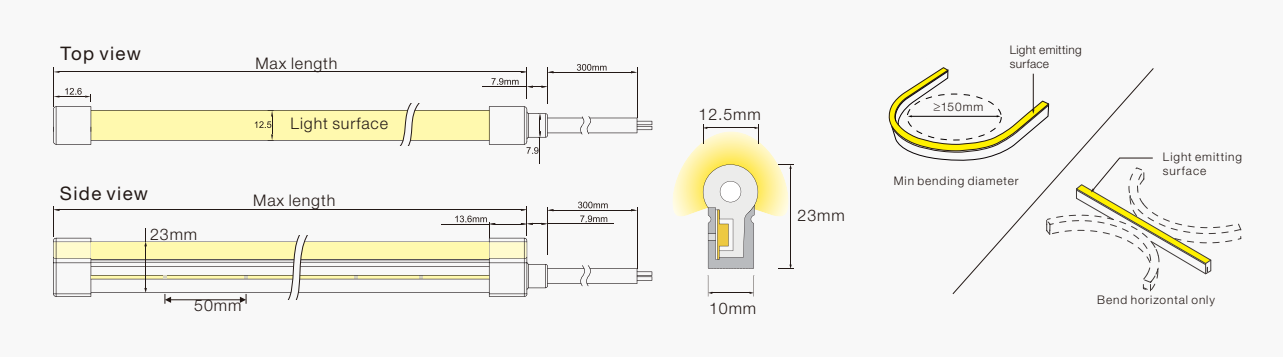
2PIN connector (Single color)
3PIN connector (Tunable White)
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1023 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 33 meters with one end power
- Eight CCT optional from 2100K to 6000K



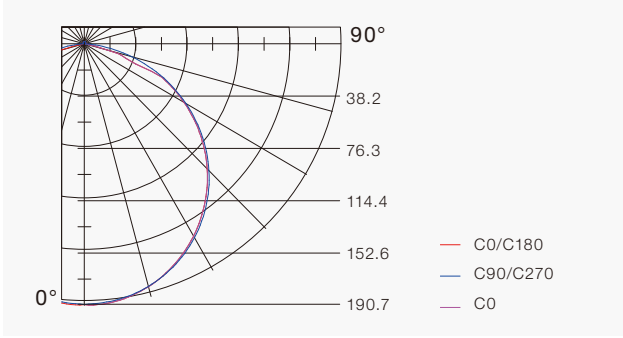
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1023-W21	2000~2200K	160	25m	310	17m	433	13m
NS-S1023-W24	2300~2500K	167	25m	322	17m	454	13m
NS-S1023-W27	2600~2800K	179	25m	349	17m	491	13m
NS-S1023-W30	2900~3100K	175	25m	345	17m	478	13m
NS-S1023-W35	3400~3700K	194	25m	381	17m	534	13m
NS-S1023-W40	3800~4300K	197	25m	387	17m	542	13m
NS-S1023-W50	4800~5300K	191	25m	376	17m	531	13m
NS-S1023-W60	5900~6300K	179	25m	350	17m	500	13m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium powerr(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1023-TW	2500-2900K	85	5m	180	5m	251	5m
NS-S1023-TW	5000-5800K	89	5m	190	5m	262	5m
NS-S1023-TW	3500-4200K	175	5m	362	5m	509	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1023-R	Red(620-625nm)	69	33m	148	22m	197	17m
NS-S1023-G	Green(515-525nm)	213	25m	404	17m	513	13m
NS-S1023-B	Blue(460-465nm)	40	25m	74	17m	103	13m
NS-S1023-Y	Yellow(585-595nm)	63	33m	125	22m	156	17m
NS-S1023-P	Pink	81	25m	162	17m	218	13m
NS-S1023-RGB	RGB	78	5m	145	5m	181	5m

ACCESSORY

Mounting accessories

Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

Standard end cap

Endcap without hole

Outlet from the end

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

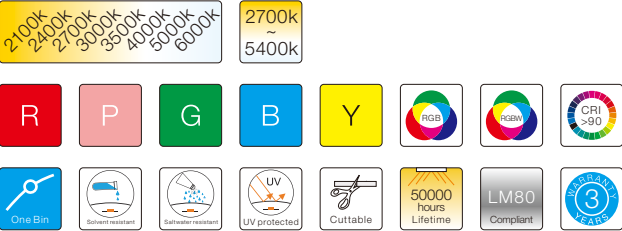
2PIN connector (Single color)

3PIN connector (Tunable White)

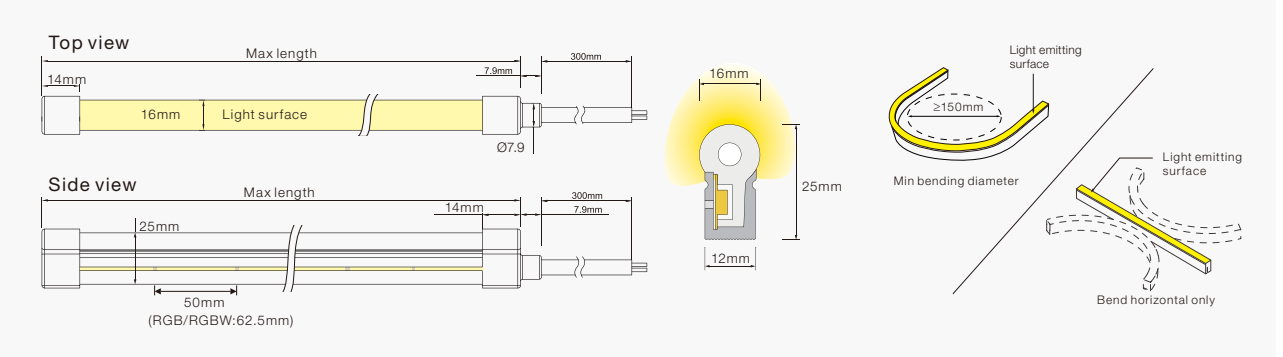
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1225 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Eight CCT optional from 2100K to 6000K



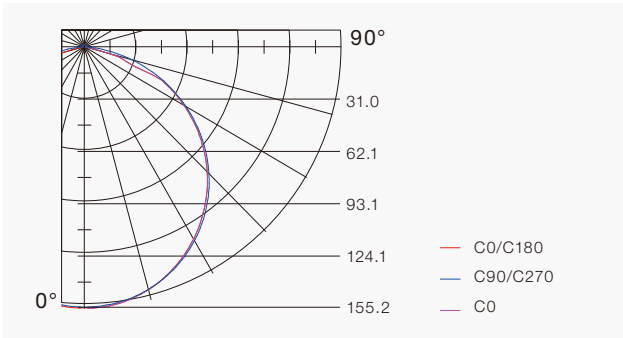
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1225-W21	2000~2200K	124	27m	237	17m	332	14m
NS-S1225-W24	2300~2500K	139	27m	270	17m	382	14m
NS-S1225-W27	2600~2800K	146	27m	286	17m	400	14m
NS-S1225-W30	2900~3100K	144	27m	286	17m	395	14m
NS-S1225-W35	3400~3700K	153	27m	304	17m	428	14m
NS-S1225-W40	3800~4300K	160	27m	318	17m	441	14m
NS-S1225-W50	4800~5300K	153	27m	301	17m	423	14m
NS-S1225-W60	5900~6300K	159	27m	313	17m	436	14m

TUNABLE COLOR PARAMETERS

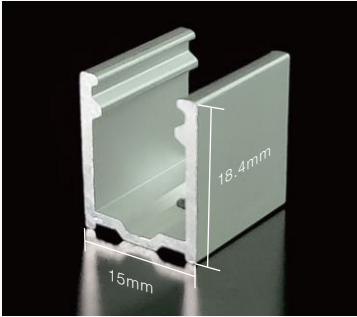
Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1225-TW	2500-2900K	73	5m	150	5m	207	5m
NS-S1225-TW	5000-5800K	75	5m	156	5m	216	5m
NS-S1225-TW	3400-4000K	142	5m	291	5m	403	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1225-R	Red(620-625nm)	55.6	35m	123	23m	172	18m
NS-S1225-G	Green(515-525nm)	181	27m	340.7	17m	426	14m
NS-S1225-B	Blue(460-465nm)	32	27m	61.4	17m	85.7	14m
NS-S1225-Y	Yellow(585-595nm)	49.6	35m	102.5	23m	126.7	18m
NS-S1225-P	Pink	65.6	27m	131.7	17m	175.8	14m
NS-S1225-RGB	RGB	70.4	5m	131.6	5m	161.2	5m
NS-S1225-RGBW50	RGB+5000K	91.7	5m	180.8	5m	254.7	5m

ACCESSORY

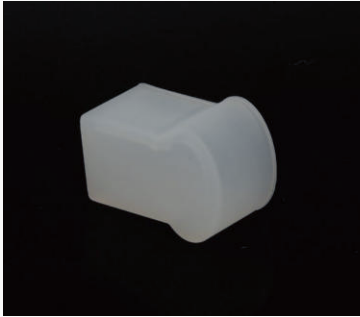
Mounting accessories



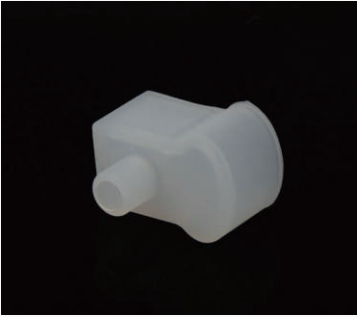
Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

Standard end cap



Endcap without hole



Outlet from the end

Wire cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



4PIN connector
(RGB color)



5PIN connector
(RGB+White color)

SIDE / HORIZONTAL BEND

S1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 25 meters with one end power
- Integrated extrusion molding processr
- Eight CCT optional from 2100K to 6000K

2100k
2400k
2700k
3000k
3500k
4000k
5000k
6000k

2700k
~
5400k

R

P

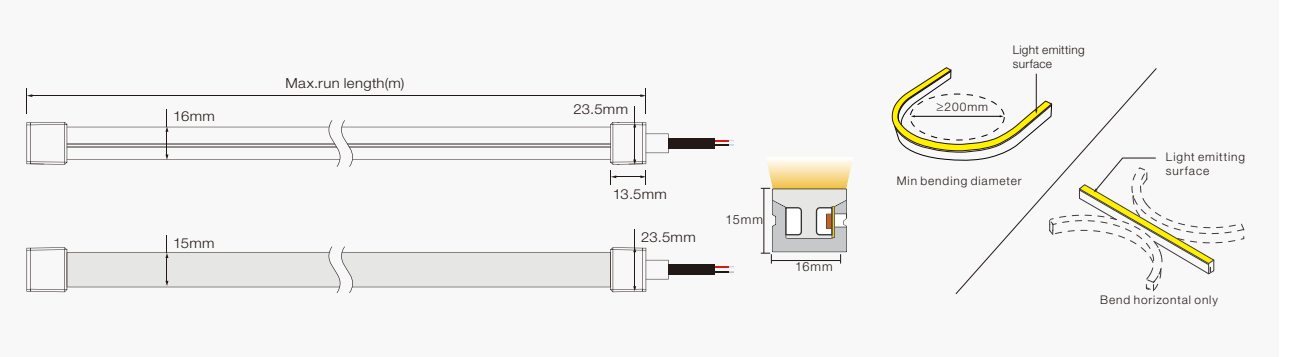
G

B

Y



DIMENSIONS & WATERPROOF

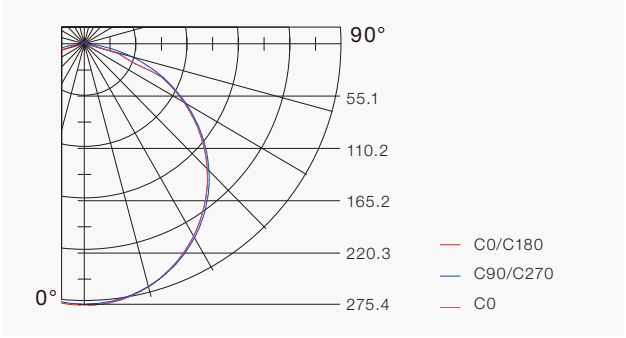


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE

(The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1615-W21	2000-2200K	315	25m	590	17m	840	13m
NS-S1615-W24	2300-2500K	345	25m	640	17m	915	13m
NS-S1615-W27	2600-2800K	340	25m	640	17m	915	13m
NS-S1615-W30	2900-3100K	350	25m	670	17m	960	13m
NS-S1615-W35	3400-3700K	345	25m	650	17m	930	13m
NS-S1615-W40	3800-4300K	380	25m	730	17m	1050	13m
NS-S1615-W50	4800-5300K	390	25m	750	17m	1080	13m
NS-S1615-W60	5900-6400K	385	25m	730	17m	1050	13m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1615-TW	WW:2600-2800K	180	5m	188	5m	370	5m
NS-S1615-TW	CW:5100-5700K	350	5m	365	5m	710	5m
NS-S1615-TW	WW+CW:3500-4200K	510	5m	533	5m	1035	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1615-R	Red(620-625nm)	160	25m	310	17m	435	13m
NS-S1615-G	Green(515-525nm)	300	25m	580	17m	825	13m
NS-S1615-B	Blue(460-465nm)	75	25m	140	17m	180	13m
NS-S1615-Y	Yellow(585-595nm)	160	25m	310	17m	450	13m
NS-S1615-P	Pink	260	25m	500	17m	720	13m
NS-S1615-RGB	R	43	5m	80	5m	110	5m
NS-S1615-RGB	G	107	5m	207	5m	300	5m
NS-S1615-RGB	B	23	5m	40	5m	50	5m
NS-S1615-RGB	RGB	185	5m	330	5m	450	5m

ACCESSORY

Mounting accessories

Stainless Steel Mounting clips

Aluminium Mounting clips

Aluminium Profile

Transparent plastic groove

Curved Stainless Steel mounting profile

16
17.5

Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

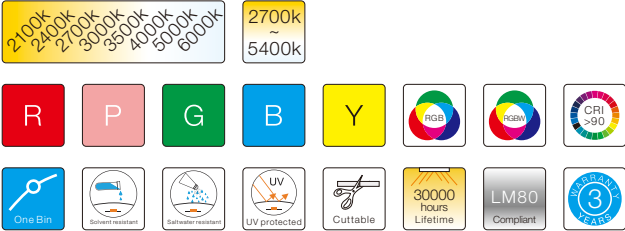
5PIN connector
(RGB+White color)

Neon Flex Series

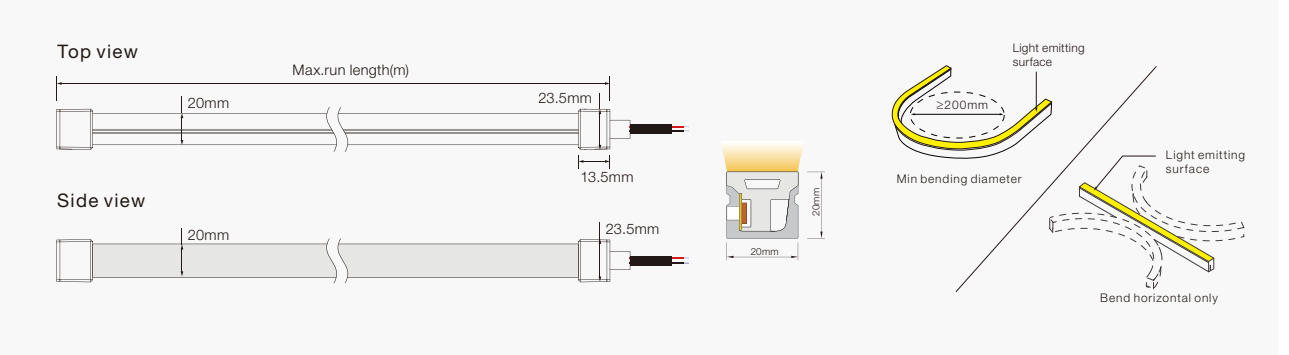
SIDE / HORIZONTAL BEND

S2020 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 27 meters with one end powe
- Integrated extrusion molding processr
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

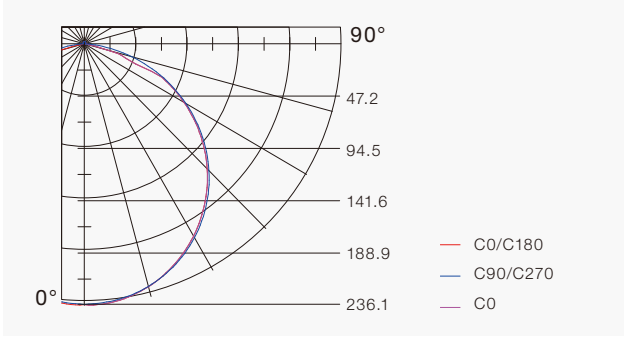


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE

(The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S2020-W21	2000~2200K	198	27m	382	17m	546	14m
NS-S2020-W24	2300~2500K	235	27m	453	17m	650	14m
NS-S2020-W27	2600~2800K	239	27m	461	17m	662	14m
NS-S2020-W30	2900~3100K	225	27m	432	17m	617	14m
NS-S2020-W35	3400~3700K	248	27m	480	17m	687	14m
NS-S2020-W40	3800~4300K	242	27m	467	17m	635	14m
NS-S2020-W50	4800~5300K	241	27m	466	17m	665	14m
NS-S2020-W60	5900~6300K	240	27m	464	17m	671	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S2020-TW	2600-2800K	131	5m	250	5m	360	5m
NS-S2020-TW	5100-5700K	133	5m	256	5m	368	5m
NS-S2020-TW	3800-4300K	251	5m	489	5m	693	5m

RGB & RGBW COLOR PARAMETERS

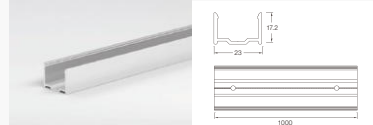
Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S2020-R	Red(620-625nm)	120	27m	220	17m	300	14m
NS-S2020-G	Green(515-525nm)	185	27m	350	17m	495	41m
NS-S2020-B	Blue(460-465nm)	53	27m	95	17m	128	14m
NS-S2020-Y	Yellow(585-595nm)	110	27m	205	17m	293	14m
NS-S2020-P	Pink	180	27m	340	17m	480	14m
NS-S2020-RGB	RGB	112	5m	209	5m	284	5m
NS-S2020-RGBW50	RGB+5000K	153	5m	285	5m	396	5m

ACCESSORY

Mounting accessories



Aluminium Mounting clips



Aluminium Profile

Wire cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector (Single color)



3PIN connector (Tunable White)



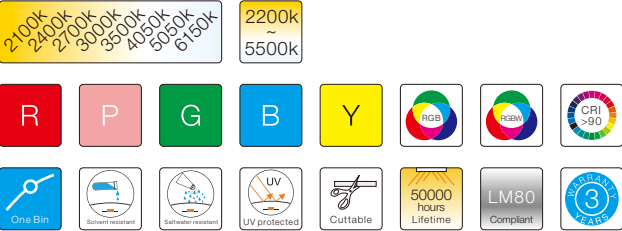
4PIN connector (RGB color)



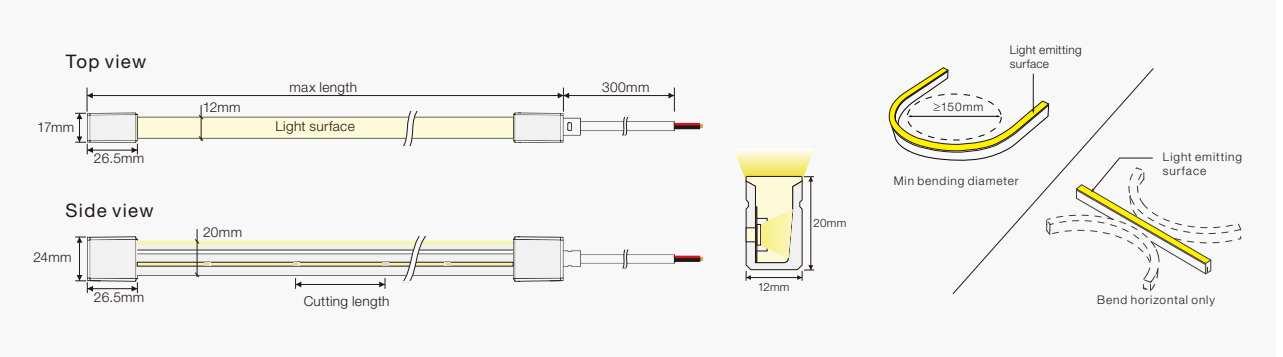
5PIN connector (RGB+White color)

SIDE / HORIZONTAL BEND S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K



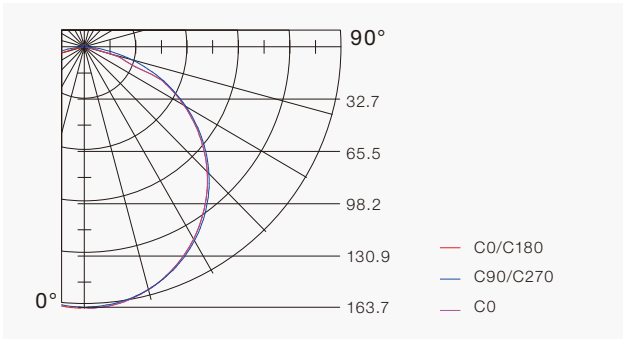
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220-W21	2000~2200K	131.7	27m	258.7	17m	360.9	14m
NS-S1220-W24	2300~2500K	150.4	27m	293.0	17m	410.1	14m
NS-S1220-W27	2600~2800K	152.7	27m	303.2	17m	431.7	14m
NS-S1220-W30	2900~3100K	156.7	27m	307.2	17m	432.3	14m
NS-S1220-W35	3400~3700K	176.9	27m	345.1	17m	475.4	14m
NS-S1220-W40	3800~4300K	170.1	27m	335.6	17m	470.1	14m
NS-S1220-W50	4800~5300K	170.0	27m	329.4	17m	461.8	14m
NS-S1220-W60	5900~6400K	168.2	27m	328.3	17m	465.1	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220-TW	2500-2900K	80.2	5m	171.3	5m	229.0	5m
NS-S1220-TW	5000-5800K	85.6	5m	186.0	5m	244.3	5m
NS-S1220-TW	3500-4200K	167.4	5m	353.5	5m	476.3	5m

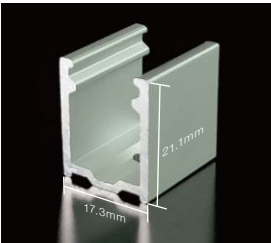
RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220-R	Red(620-625nm)	73.8	35m	155.4	23m	204.7	18m
NS-S1220-G	Green(515-525nm)	198.2	27m	372.6	17m	473.2	14m
NS-S1220-B	Blue(460-465nm)	35.2	27m	69.8	17m	93.3	14m
NS-S1220-Y	Yellow(585-595nm)	15.5	35m	30.4	23m	40.8	18m
NS-S1220-P	Pink	74.6	27m	148.2	17m	199	14m
NS-S1220-RGB	RGB	86.1	5m	160.2	5m	200.3	5m
NS-S1220-RGBW	RGBW	110.7	5m	211.2	5m	301.8	5m

Note: RGB Constant Current version for option, Max length 13meters with one end power, power is 11w/m, lumen (lm/m) is R:41 G:140 B:23 RGB:200

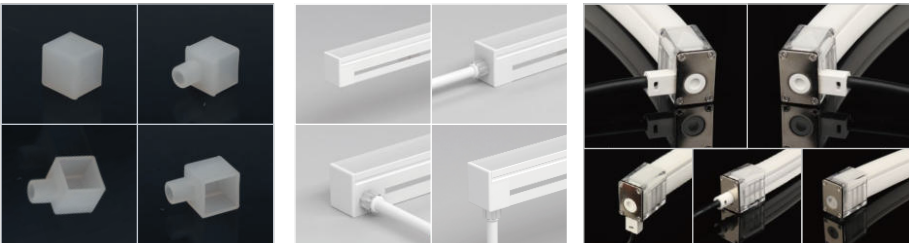
ACCESSORY

Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

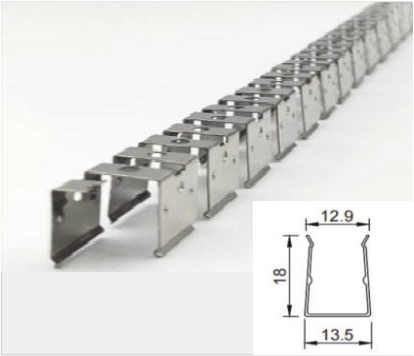


Standard end cap
Standard end cap
Standard end cap
Anti syphon metal ring
(Used with seamless end cap for outdoor)

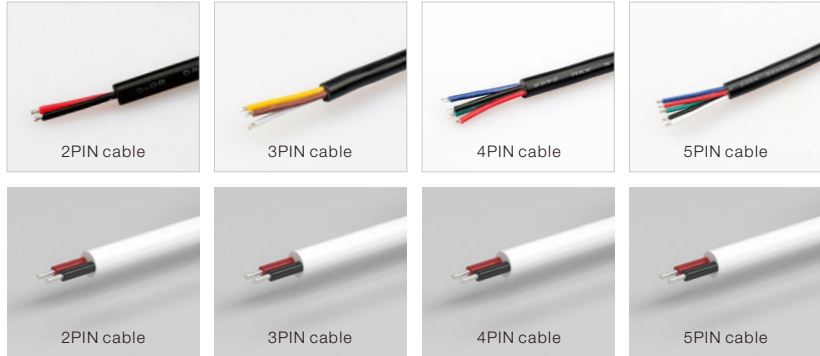
Connector



Curved Stainless Steel mounting profile



Wire cable



SIDE / HORIZONTAL BEND S3032 NEON 24V

- Using Dow Chemical brand silicone rubber
 - Eco-friendly silicone with integrated extrusion process
 - Unique optical design for even, shadow-free illumination
 - IP67 with resistance to salts, acids, alkalis, and UV
 - Matt finished surface, dust-resistant
- 2700K3000K4000K6500K

2700k~6500k

R

P

G

B

Y

RGB

CRI>90

One-Step

Solvent resistant

Saltwater resistant

UV protected

Cuttable

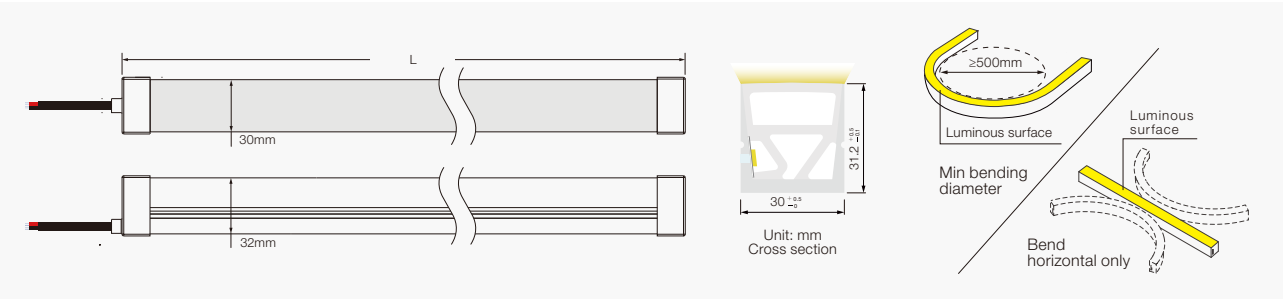
30000 hours Lifetime

LM80 Compliant

3 YEARS



DIMENSIONS & WATERPROOF



Electrical Parameter

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

Specification

Power	15w/m
Efficacy@4000K	49.5lm/w
Max Ambient Temperature	45℃

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

Length Standard

Length Range (M)	Final Length	Tolerance
0M<Neon Strip(L)≤5M	L+8	±7
5M<Neon Strip(L)≤10M	L+8	±10

Length Range (M)	Final Length	Tolerance
10M<Neon Strip(L)≤15M	L+8	±13

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
2700±150	≥90	DC24V	15	645	43	50	12 (CC)	CC/CV
3000±150	≥90	DC24V	15	660	44	50	12 (CC)	CC/CV
4000±300	≥90	DC24V	15	743	49.5	50	12 (CC)	CC/CV
6500±500	≥90	DC24V	15	666	44.4	50	12 (CC)	CC/CV
Red	--	DC24V	15	284	18.9	50	12 (CC)	CC/CV
Green	--	DC24V	15	632	42.1	50	12 (CC)	CC/CV
Blue	--	DC24V	15	149	9.9	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	195	13	50	12 (CC)	CC/CV
Orange	--	DC24V	15	273	18.2	50	12 (CC)	CC/CV
Pink	--	DC24V	15	581	38.7	50	12 (CC)	CC/CV

CCT Tunable (Lm/m)

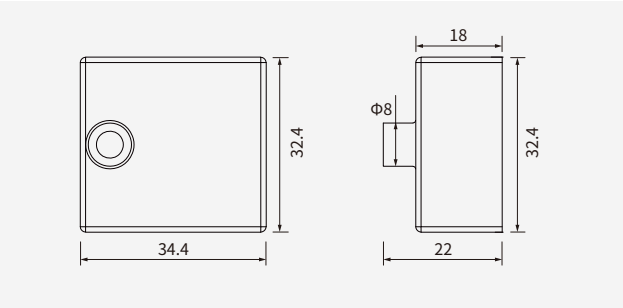
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
(2700K±150)WW	≥90	DC24V	7.5	314	41.9	62.5	5	CV
(6000K±500)W	≥90	DC24V	7.5	341	45.4	62.5	5	CV
(4000K±300)WW+W	≥90	DC24V	15	650	43.3	62.5	5	CV

RGB (Lm/m)

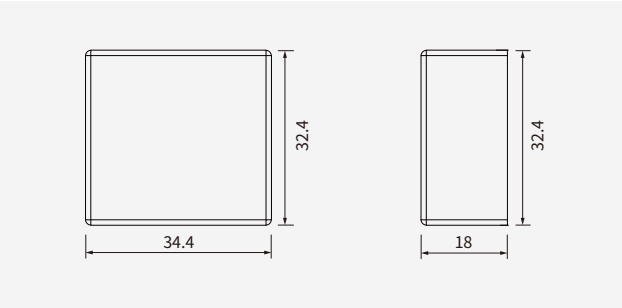
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	75	14.9	83.3	5	CV
G	--	DC24V	5	275	54.9	83.3	5	CV
B	--	DC24V	5	48	9.6	83.3	5	CV
RGB	--	DC24V	15	375	25	83.3	5	CV

- 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%.
- All products can be dimmed; the dimmer' s voltage should conform to the rated voltage of the led light.
- 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.

Silicone end cap

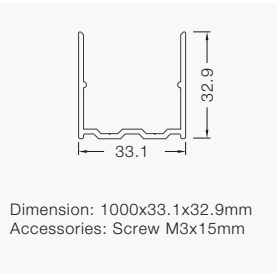
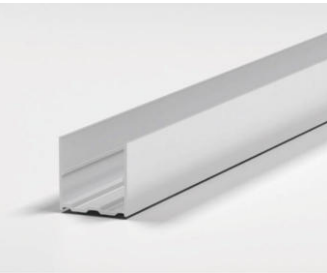
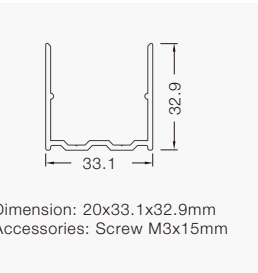


Front Cable Entry



closed end cap

Mounting Way





TOP / VERTICAL BEND SERIES

This series of LED neon lights can be bent either on the top or vertically.

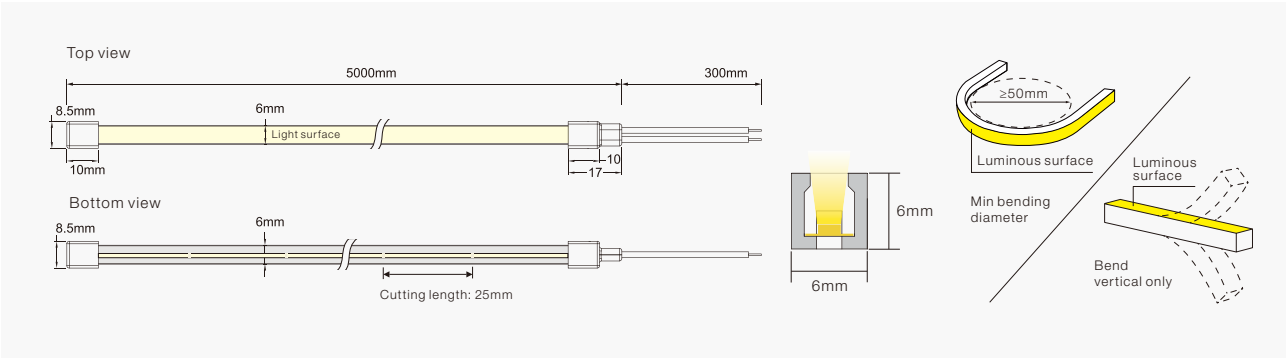
TOP / VERTICAL BEND

T0606 NEON 24V

- Regular power 6W/m
- Max length 5 meters with one end power
- Nine CCT optional from 1700K to 5600K



DIMENSIONS & WATERPROOF

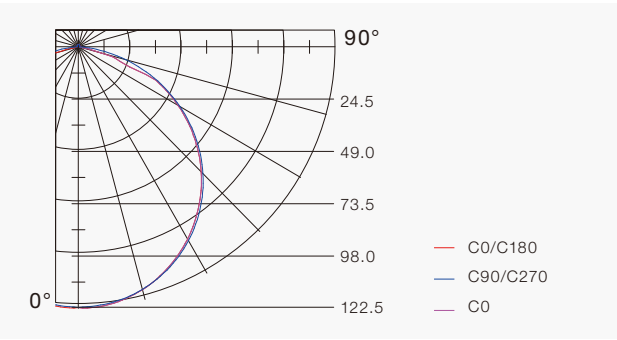


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
T0606	
Power(W/m)	6
Efficacy(lm/W)@3000K	58
Max Length(m)	5

POLAR CURVE

(The data base on 6W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Efficacy(lm/w)	Lumen(lm/m)
NS-T0606-W17	1600-1900K	39.2	235
NS-T0606-W22	2100-2400K	54.2	325
NS-T0606-W24	2200-2600K	55.0	330
NS-T0606-W26	2400-2800K	56.2	337
NS-T0606-W28	2600-3000K	57.5	345
NS-T0606-W32	3000-3500K	58.0	348
NS-T0606-W38	3500-4200K	59.7	358
NS-T0606-W44	4000-4800K	58.8	353
NS-T0606-W56	5300-6000K	63.2	379

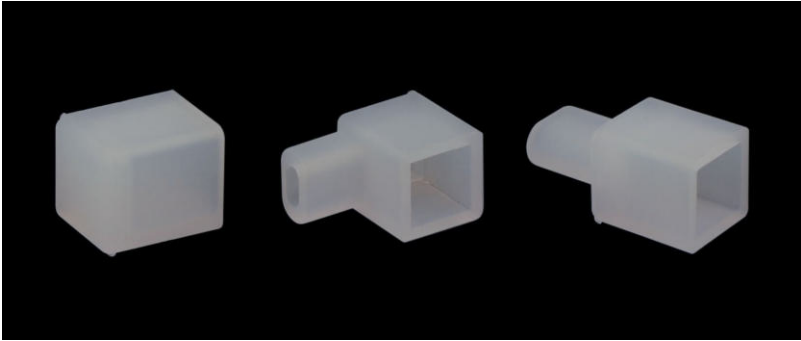
ACCESSORY

Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap



Standard end cap

Wire cable



2PIN cable

Connector

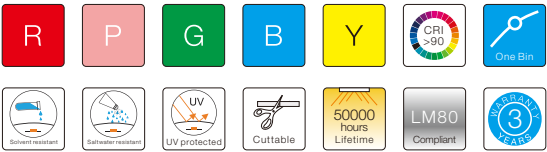


2PIN connector (Single color)

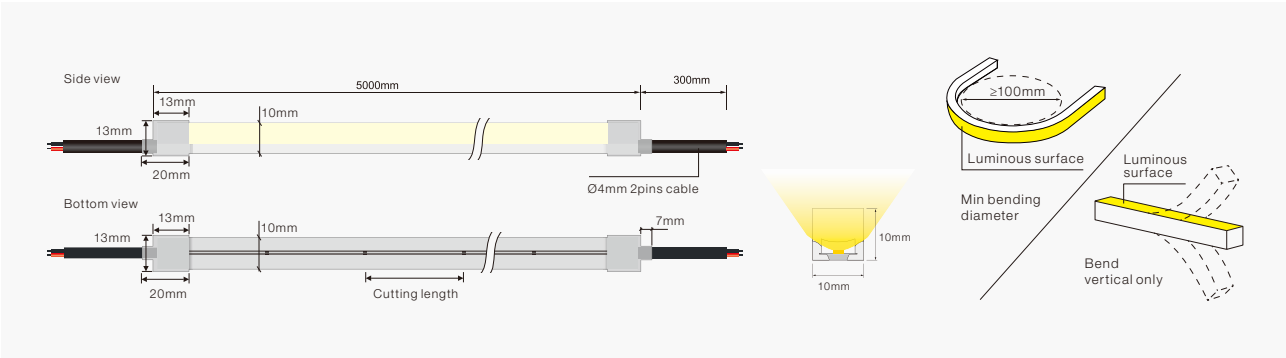
TOP / VERTICAL BEND

T1010 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

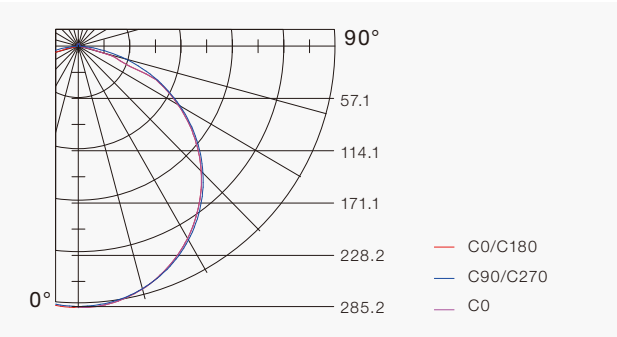


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	35.7mm

POLAR CURVE

(The data base on 10W 6000K)

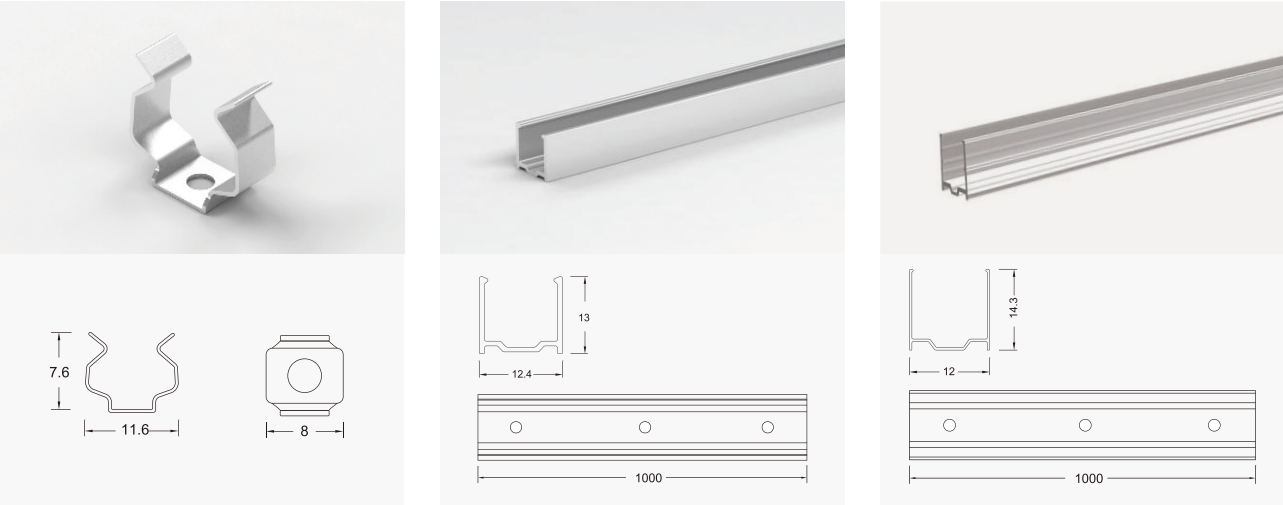


PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-T1010-W21	2000-2200K	332.5	5m	644.1	5m
NS-T1010-W24	2300-2500K	354.8	5m	684.7	5m
NS-T1010-W27	2600-2800K	380.2	5m	737.9	5m
NS-T1010-W30	2900-3100K	401.6	5m	785.9	5m
NS-T1010-W35	3400-3700K	371.3	5m	718.7	5m
NS-T1010-W40	3800-4300K	429.6	5m	828.8	5m
NS-T1010-W50	4800-5300K	427.6	5m	827.7	5m
NS-T1010-W60	5900-6400K	419.0	5m	810.6	5m
NS-T1010-R	RED	153.7	5m	331.6	5m
NS-T1010-G	GREEN	512.7	5m	920.8	5m
NS-T1010-B	BLUE	93.96	5m	173.6	5m
NS-T1010-Y	YELLOW	127.4	5m	268.1	5m
NS-T1010-P	PINK	179.0	5m	347.5	5m

ACCESSORY

Mounting accessories



Stainless Steel Mounting Clips

Aluminium Profile

transparent plastic groove

Endcap



Standard end cap

Wire cable



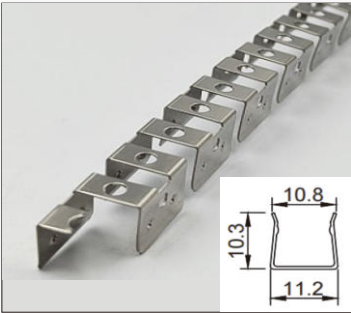
2PIN cable

Connector



2PIN connector (Single color)

Curved Stainless Steel mounting profile



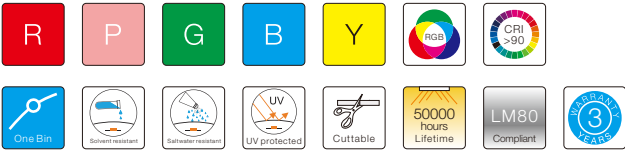
TOP / VERTICAL BEND

T1212 NEON 24V

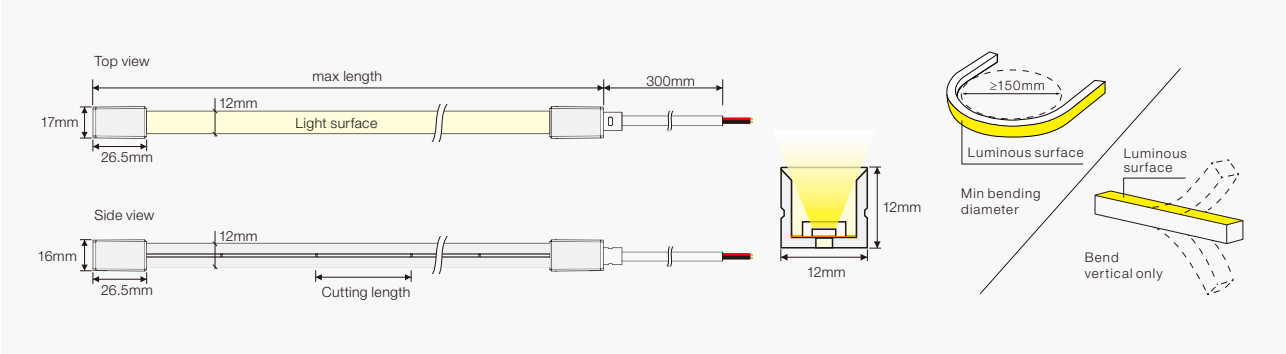
- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K

2100k
2400k
2700k
3000k
3500k
4050k
5050k
6150k

2500k
~
5700k



DIMENSIONS & WATERPROOF

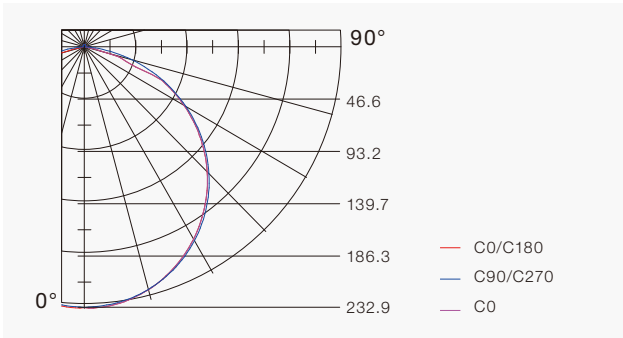


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE

(The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-T1212-W21	2000-2200K	290.8	19m	559.8	13m
NS-T1212-W24	2300-2500K	289.6	19m	562.4	13m
NS-T1212-W27	2600-2800K	349.5	19m	668.3	13m
NS-T1212-W30	2900-3100K	329.7	19m	638.8	13m
NS-T1212-W35	3400-3700K	354.1	19m	661.7	13m
NS-T1212-W40	3800-4300K	347.1	19m	677.4	13m
NS-T1212-W50	4800-5300K	346.7	19m	681.9	13m
NS-T1212-W60	5900-6400K	336.2	19m	661.8	13m

TUNABLE COLOR PARAMETERS

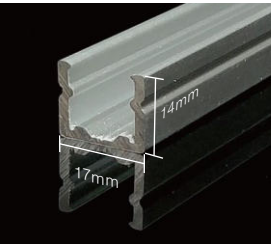
Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-T1212-TW	2500-2900K	151.2	5m	314.5	5m
NS-T1212-TW	5000-5700K	161.2	5m	336.6	5m
NS-T1212-TW	3600-4200K	316.0	5m	646.1	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-T1212-R	Red(620-625nm)	132.0	25m	276.7	17m
NS-T1212-G	Green(515-525nm)	374.0	19m	703.0	13m
NS-T1212-B	Blue(460-465nm)	70.0	19m	129.0	17m
NS-T1212-Y	Yellow(585-595nm)	27.9	25m	50.7	13m
NS-T1212-P	Pink	143.0	19m	278.0	17m
NS-T1212-RGB	RGB	174.0	5m	288.0	5m

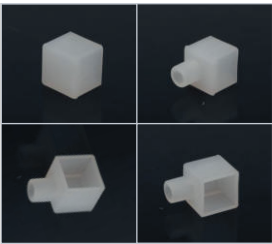
ACCESSORY

Mounting accessories

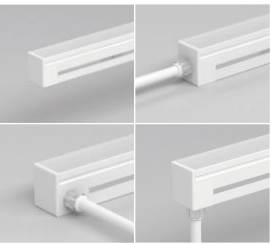


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

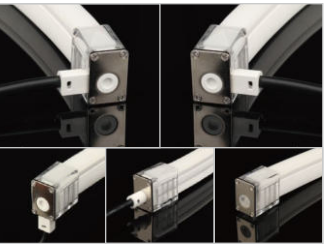
Endcap



Standard end cap



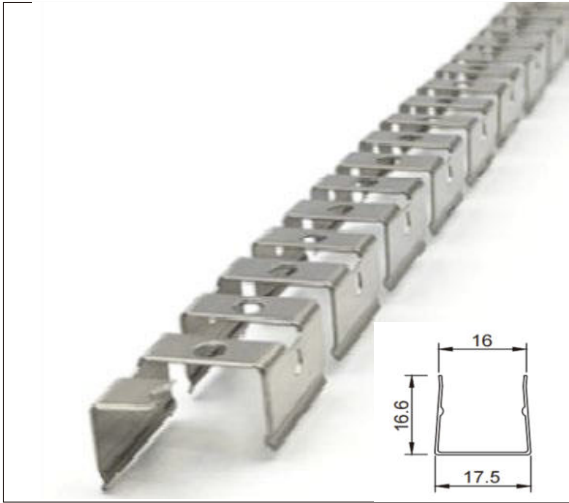
Standard end cap



Standard end cap

Anti syphon metal ring
(Used with seamless end cap for outdoor)

Curved Stainless Steel mounting profile



Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)

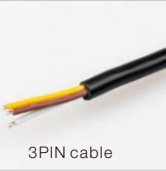


4PIN connector
(RGB color)

Wire cable



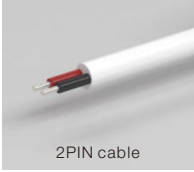
2PIN cable



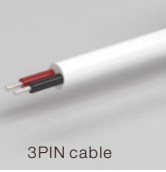
3PIN cable



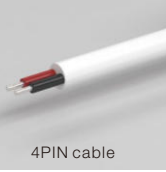
4PIN cable



2PIN cable



3PIN cable



4PIN cable

TOP / VERTICAL BEND T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K

2100k
2400k
2700k
3000k
3500k
4050k
5050k
6150k

2500k
5800k

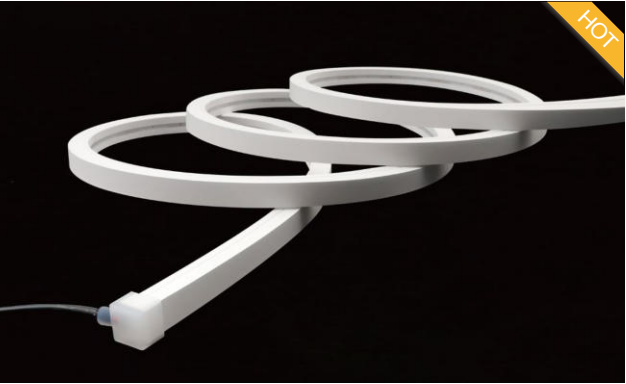
R

P

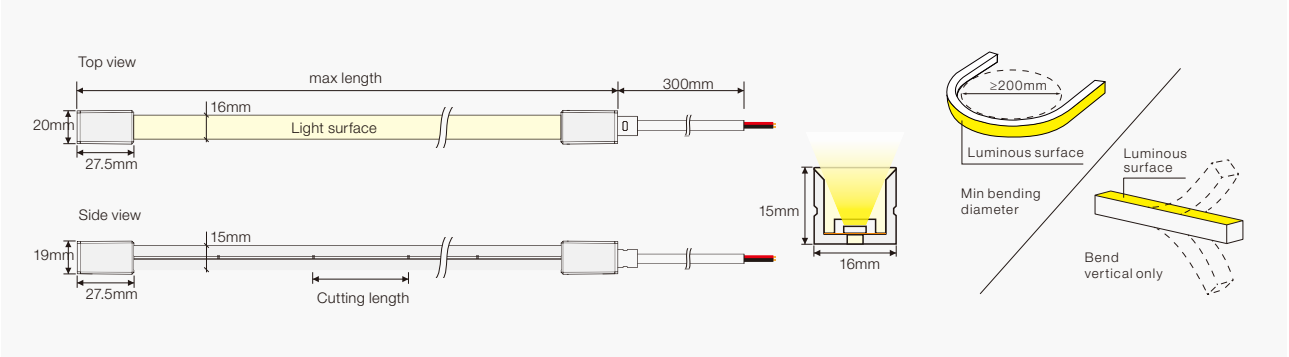
G

B

Y



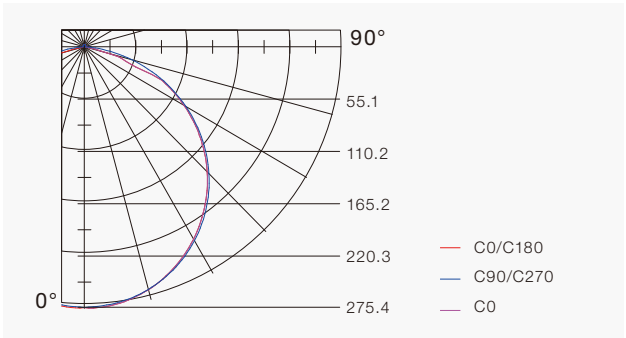
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615-W21	2000-2200K	240.3	27m	459.9	17m	627.5	14m
NS-T1615-W24	2300-2500K	242.0	27m	468.1	17m	659.7	14m
NS-T1615-W27	2600-2800K	285.8	27m	552.7	17m	771.5	14m
NS-T1615-W30	2900-3100K	286.3	27m	539.3	17m	766.9	14m
NS-T1615-W35	3400-3700K	300.7	27m	583.9	17m	815.8	14m
NS-T1615-W40	3800-4300K	294.1	27m	573.4	17m	807.0	14m
NS-T1615-W50	4800-5300K	297.8	27m	570.3	17m	793.9	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Mediumpower(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615-TW	2500-2900K	133.0	5m	274.0	5m	363.7	5m
NS-T1615-TW	5000-5800K	143.9	5m	295.1	5m	387.2	5m
NS-T1615-TW	3500-4200K	279.5	5m	569.6	5m	766.2	5m

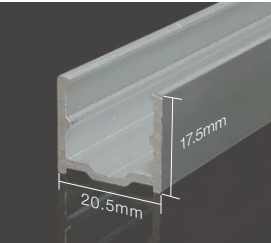
RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Mediumpower(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615-R	Red(620-625nm)	111.6	35m	237.5	23m	323.2	18m
NS-T1615-G	Green(515-525nm)	308.0	27m	548.2	17m	697.4	14m
NS-T1615-B	Blue(460-465nm)	57.0	27m	106.9	17m	148.6	14m
NS-T1615-Y	Yellow(585-595nm)	25.6	35m	44.4	23m	61.0	18m
NS-T1615-P	Pink	116.7	27m	224.5	17m	302.2	14m
NS-T1615-RGB	RGB	147.8	5m	267.8	5m	323.5	5m
NS-T1615-RGBW	RGBW	189.5	5m	366.0	5m	496.4	5m

Note: RGB Constant Current version for option, Max length 13meters with one end power, power is 11w/m, lumen (lm/m) is R:41 R:66 G:220 B:35 RGB:320

ACCESSORY

Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

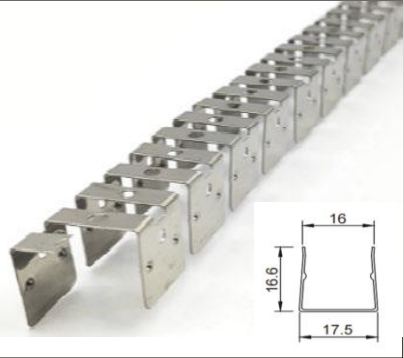


Standard end cap
Standard end cap
Standard end cap
Anti syphon metal ring
(Used with seamless end cap for outdoor)

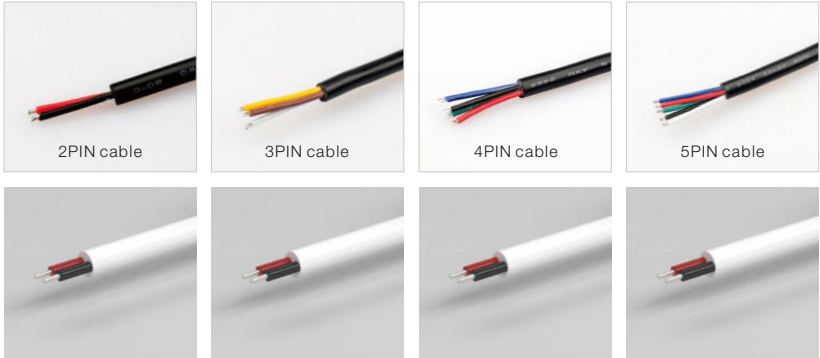
Connector



Curved Stainless Steel mounting profile

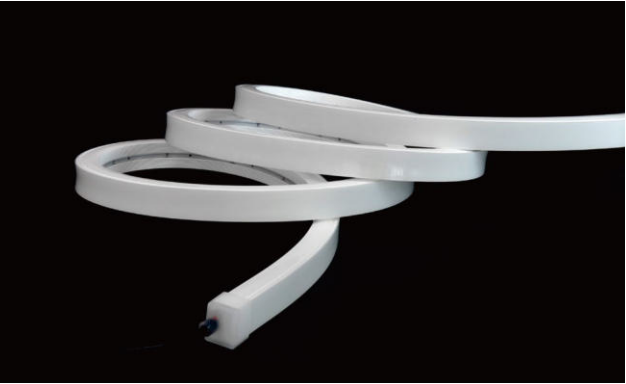
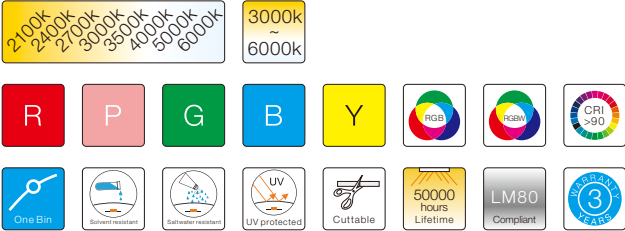


Wire cable

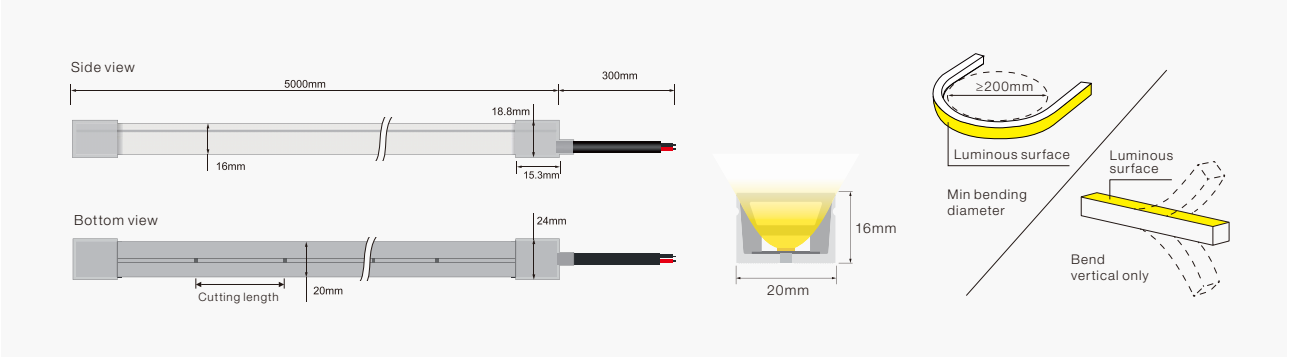


TOP / VERTICAL BEND T2016 NEON 24V

- Regular power 12W/m,16W/m and 20W/m for option
- Max length 17 meters with one end power
- Eight CCT optional from 2100K to 6000K



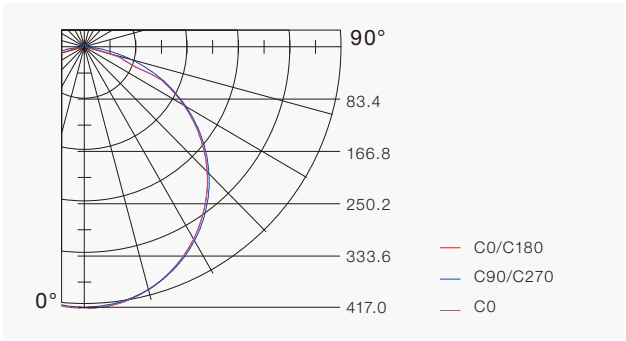
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 20W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(12W/m)		Medium power(16W/m)		High power(20W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T2016-W21	2000-2200K	608	17m	792	14m	942	12m
NS-T2016-W24	2300-2500K	651	17m	837	14m	1010	12m
NS-T2016-W27	2600-2800K	733	17m	945	14m	1136	12m
NS-T2016-W30	2900-3100K	724	17m	937	14m	1119	12m
NS-T2016-W35	3400-3700K	680	17m	886	14m	1058	12m
NS-T2016-W40	3800-4300K	783	17m	1009	14m	1220	12m
NS-T2016-W50	4800-5300K	773	17m	997	14m	1207	12m
NS-T2016-W60	5900-6400K	767	17m	999	14m	1185	12m

TUNABLE COLOR PARAMETERS

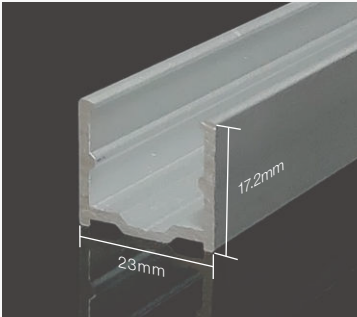
Part Number	CCT(K)	Low power(12W/m)		Mediumpower(16W/m)		High power(20W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T2016-TW	2500-2900K	384	5m	498	5m	617	5m
NS-T2016-TW	5000-5800K	395	5m	524	5m	642	5m
NS-T2016-TW	3500-4200K	785	5m	1013	5m	1258	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(12W/m)		Mediumpower(16W/m)		High power(20W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T2016-R	Red(620-625nm)	335	25m	458	21m	524	18m
NS-T2016-G	Green(515-525nm)	788	17m	973	14m	1134	12m
NS-T2016-B	Blue(460-465nm)	169	17m	214	14m	262	12m
NS-T2016-Y	Yellow(585-595nm)	270	25m	335	21m	344	18m
NS-T2016-P	Pink	325	17m	412	14m	502	12m
NS-T2016-RGB	RGB	360.2	5m	449.4	5m	518.4	5m
NS-T2016-RGBW	RGBW	479.6	5m	635.1	5m	739.6	5m

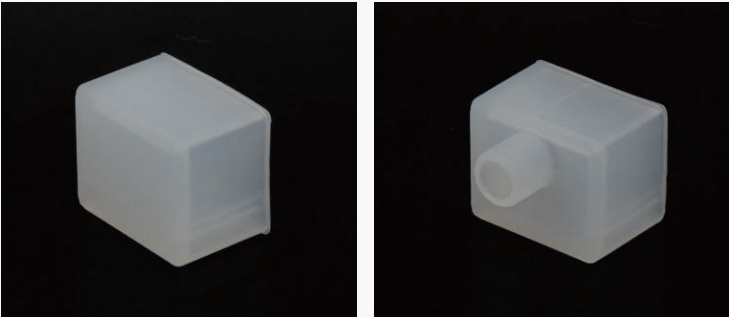
ACCESSORY

Mounting accessories



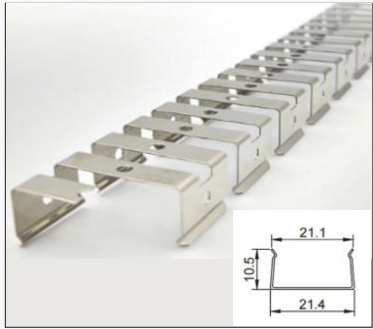
Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap

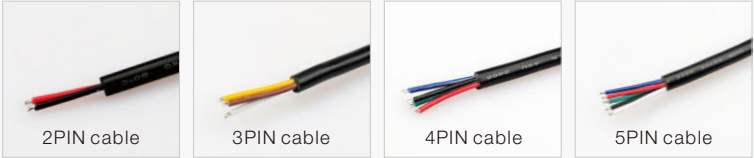


Endcap without hole
Outlet from the end

Curved Stainless Steel mounting profile



Wire cable



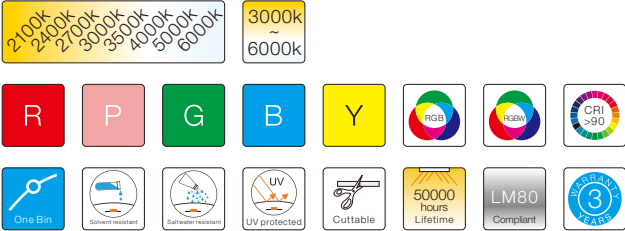
Connector



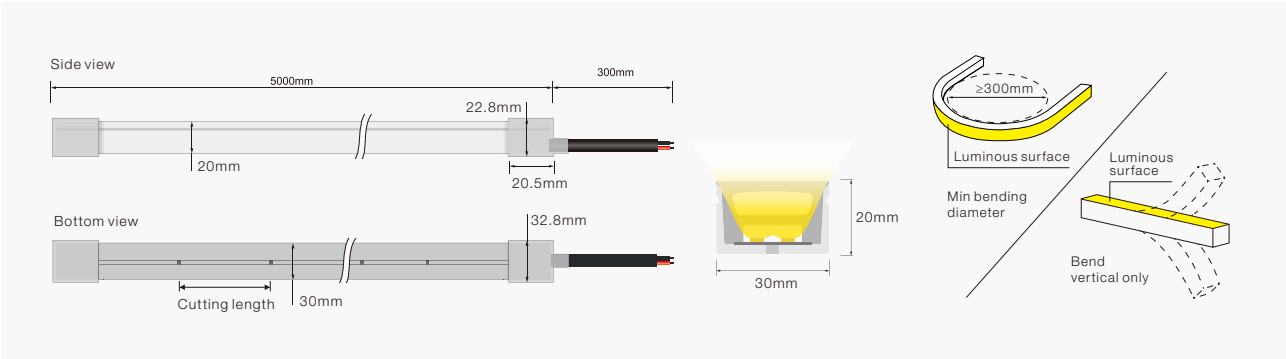
TOP / VERTICAL BEND

T3020 NEON 24V

- Regular power 16W/m,20W/m and 24W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

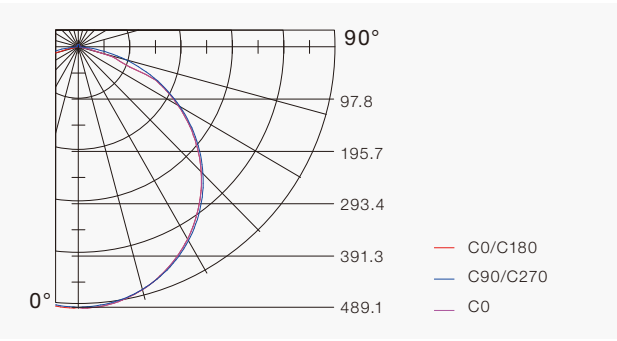


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	41.66mm
RGB color	41.66mm
RGBW color	41.66mm

POLAR CURVE

(The data base on 20W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(16W/m)		Medium power(20W/m)		High power(24W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T3020-W21	2000-2200K	836.9	18m	1017	16m	1196	14m
NS-T3020-W24	2300-2500K	855.5	18m	1040.6	16m	1226	14m
NS-T3020-W27	2600-2800K	991	18m	1209.6	16m	1426	14m
NS-T3020-W30	2900-3100K	1001	18m	1222	16m	1439	14m
NS-T3020-W35	3400-3700K	925.7	18m	1129.4	16m	1333	14m
NS-T3020-W40	3800-4300K	1050	18m	1280	16m	1511	14m
NS-T3020-W50	4800-5300K	1067	18m	1298	16m	1534	14m
NS-T3020-W60	5900-6400K	962.6	18m	1176	16m	1390	14m

TUNABLE COLOR PARAMETERS

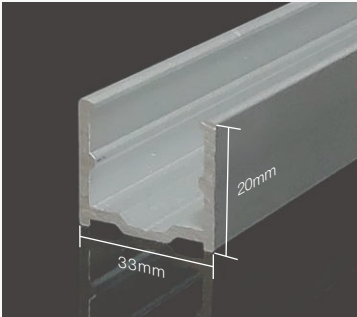
Part Number	CCT(K)	Low power(16W/m)		Mediumpower(20W/m)		High power(24W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T3020-TW	2700-3000K	500.5	5m	609.7	5m	722.2	5m
NS-T3020-TW	5600-6300K	528.5	5m	651.1	5m	769.5	5m
NS-T3020-TW	3800-4300K	1008	5m	1232.8	5m	1457	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(16W/m)		Mediumpower(20W/m)		High power(24W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T3020-R	Red(620-625nm)	435.4	25m	530	22m	617.5	19m
NS-T3020-G	Green(515-525nm)	1071	18m	1243	16m	1445	14m
NS-T3020-B	Blue(460-465nm)	221.7	18m	268.2	16m	314.3	14m
NS-T3020-Y	Amber	352.8	25m	338	22m	367.8	19m
NS-T3020-P	Pink	431.3	18m	518.8	16m	613.2	14m
NS-T3020-RGB	RGB	461.3	5m	536	5m	614	5m
NS-T3020-RGBW	RGBW	591.3	5m	719.8	5m	840.7	5m

ACCESSORY

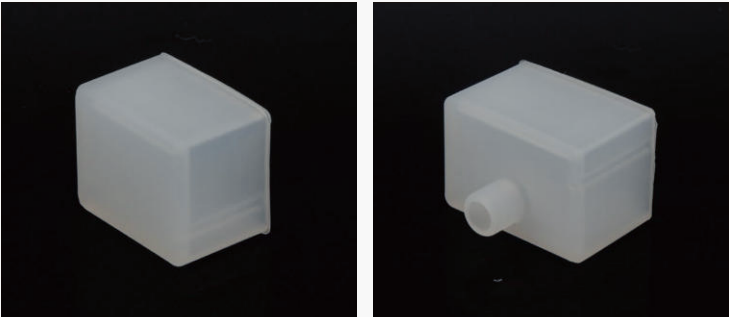
Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap

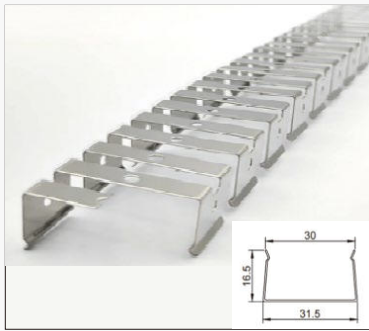
Standard end cap



Endcap without hole

Outlet from the end

Curved Stainless Steel mounting profile



Wire cable



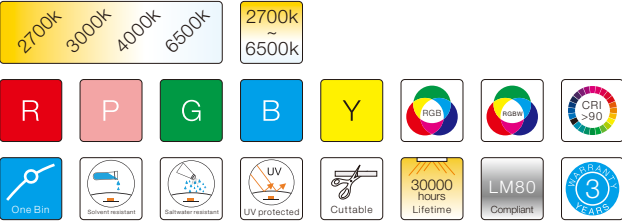
Connector



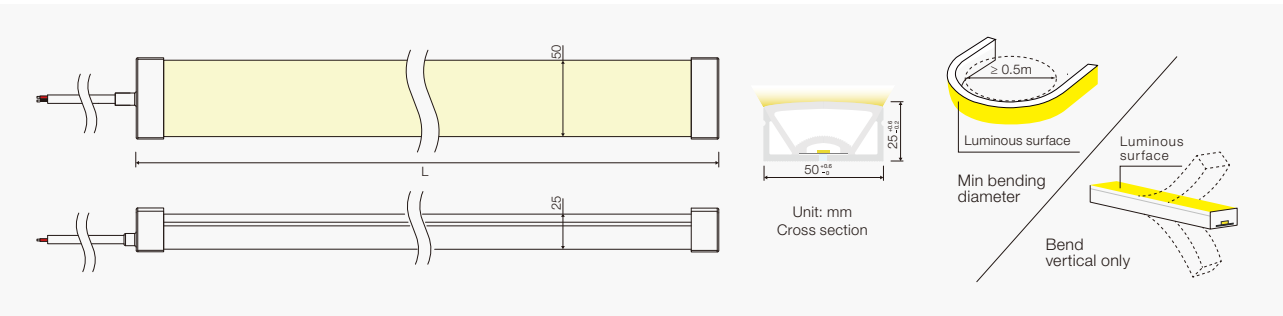
TOP / VERTICAL BEND

T5025NEON 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Unique optical design for even, shadow-free illumination
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

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

SPECIFICATION

Power	15 w/m
Efficacy@4000K	57.9lm/w
Max Ambient Temperature	45°C

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

LENGTH STANDARD

Length Range (M)	Final Length	Tolerance
0M<Neon Strip(L)≤5M	L+8	±7
5M<Neon Strip(L)≤10M	L+8	±10

Length Range (M)	Final Length	Tolerance
10M<Neon Strip(L)≤15M	L+8	±13
15M<Neon Strip(L)≤20M	L+8	±16

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
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 (LM/M)

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

RGB (LM/M)

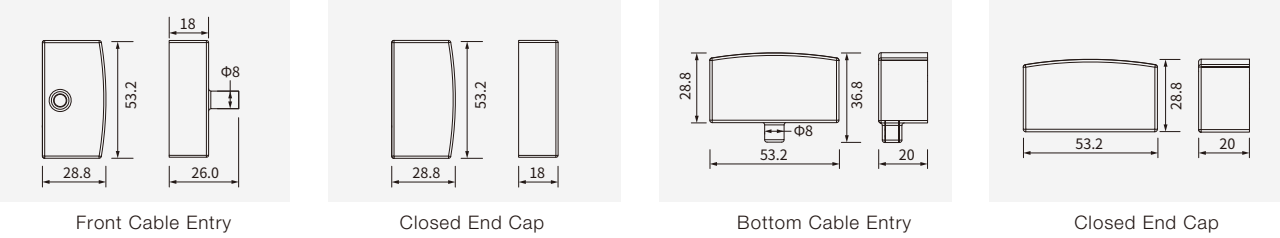
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	85	17.1	41.7	5	CV
G	--	DC24V	5	330	66.0	41.7	5	CV
B	--	DC24V	5	61	12.2	41.7	5	CV
RGB	--	DC24V	15	516	34.4	41.7	5	CV

RGBW (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	3.75	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
2700±150	>80	DC24V	3.75	205	54.7	41.7	5	CV
RGBW	--	DC24V	15	512	34.1	41.7	5	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
3000 ⁺³⁰⁰ ₋₀	>80	DC24V	3.75	199	52.9	41.7	5	CV
RGBW	--	DC24V	15	506	33.7	41.7	5	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
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

- 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%.
- All products can be dimmed; the dimmer' s voltage should conform to the rated voltage of the led light.
- 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.

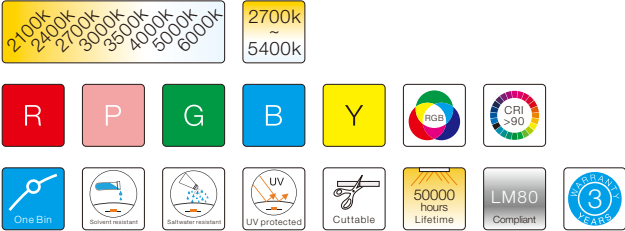
SILICONE END CAP



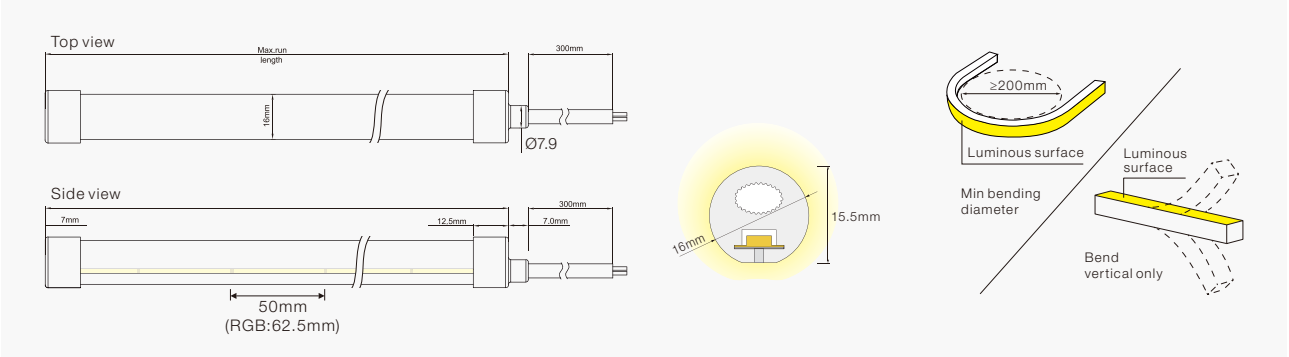
TOP / VERTICAL BEND

D16 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

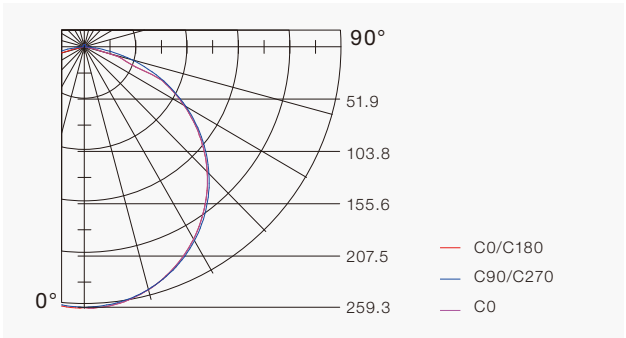


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE

(The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-D16-W21	2000-2200K	284	19m	558	13m
NS-D16-W24	2300-2500K	306	19m	591	13m
NS-D16-W27	2600-2800K	340	19m	663	13m
NS-D16-W30	2900-3100K	338	19m	653	13m
NS-D16-W35	3400-3700K	324	19m	626	13m
NS-D16-W40	3800-4300K	365	19m	707	13m
NS-D16-W50	4800-5300K	374	19m	734	13m
NS-D16-W60	5900-6300K	378	19m	735	13m

TUNABLE COLOR PARAMETERS

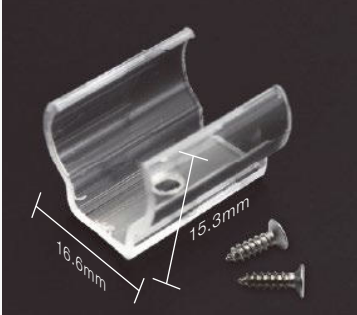
Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-D16-TW	2600-2900K	172	5m	366	5m
NS-D16-TW	5800-6300K	179	5m	377	5m
NS-D16-TW	3800-4200K	352	5m	726	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-D16-R	Red(620-625nm)	139	25m	305	17m
NS-D16-G	Green(515-525nm)	408	19m	778	13m
NS-D16-B	Blue(460-465nm)	85	19m	155	17m
NS-D16-Y	Yellow(585-595nm)	112	25m	235	13m
NS-D16-P	Pink	156	19m	328	17m
NS-D16-RGB	RGB	199	5m	344	5m

ACCESSORY

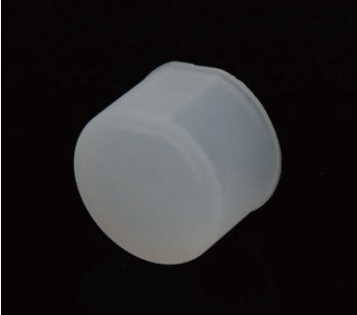
Mounting accessories



Mounting clip
(Size: 15.3*16.6*20mm/1000mm)

Endcap

Standard end cap



Endcap without hole



Outlet from the end

Wire cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



4PIN connector
(RGB color)

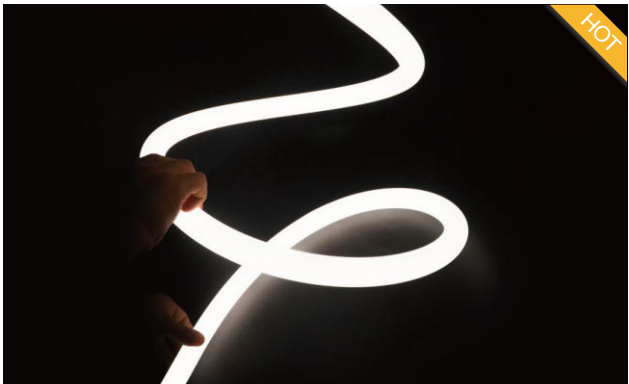
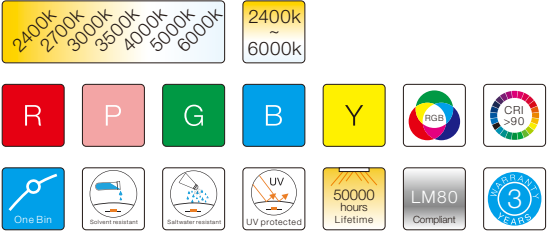


5PIN connector
(RGB+White color)

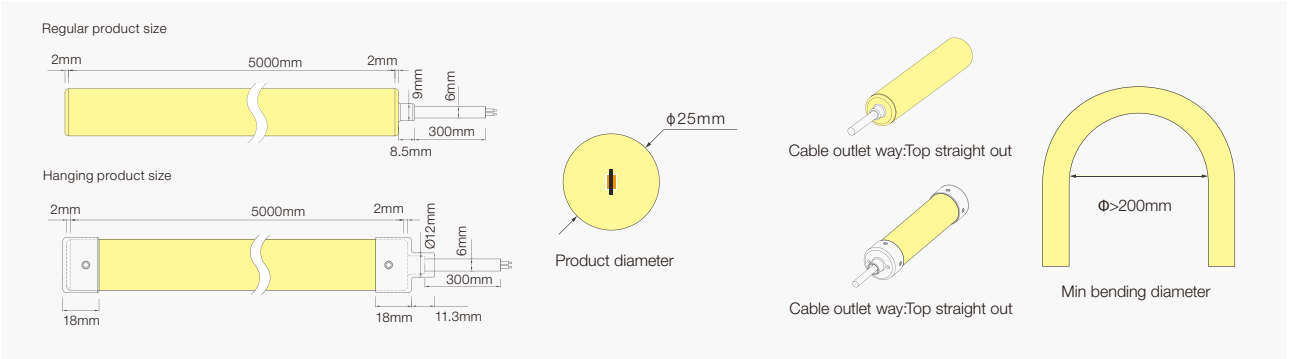
360° SILICONE NEON

ND25 NEON 24V

- Regular power 5W/m and 10W/m for option
- 360° uniform round-glowing design
- Eight CCT optional from 2400K to 6000K
- Max length 5 meters with one end power



DIMENSIONS & WATERPROOF



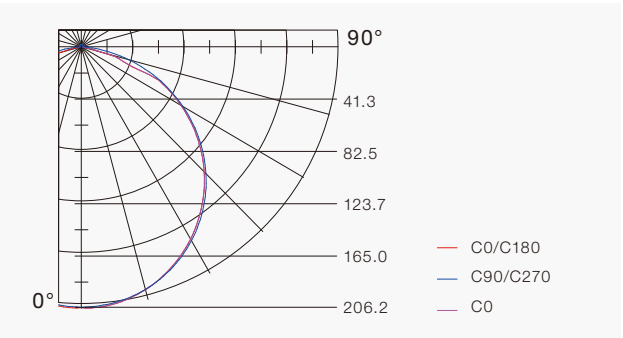
PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm

Note: Only support factory-customized length, not on-site cutting!

POLAR CURVE

(The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25-W24	2300-2500K	272	5m	525	5m
NS-ND25-W27	2600-2800K	276	5m	517	5m
NS-ND25-W30	2900-3100K	284	5m	529	5m
NS-ND25-W35	3300-3700K	306	5m	600	5m
NS-ND25-W40	3700-4300K	298	5m	556	5m
NS-ND25-W50	4700-5300K	309	5m	604	5m
NS-ND25-W60	5700-6300K	302	5m	586	5m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25-TW	2700 (ww)	124	5m	258	5m
NS-ND25-TW	5000 (w)	127	5m	262	5m
NS-ND25-TW	3500(WW+W)	250	5m	517	5m

PRODUCT PHOTOMETRICS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25-R	Red(620-625nm)	114	5m	246	5m
NS-ND25-G	Green(515-525nm)	289	5m	502	5m
NS-ND25-B	Blue(460-465nm)	61	5m	114	5m
NS-ND25-Y	Yellow(585-595nm)	97	5m	209	5m
NS-ND25-P	Pink	210	5m	409	5m
NS-ND25-RGB	RGB	145	5m	308	5m
		(16w/m)		CRI(Ra)	
NS-ND25-RGBW	RGBW	518	5m	90	

White color CCT: 2200±100/2700±100/3000±100/4000±200/4500±200

PRODUCT ACCESSORIES INFORMATION

(The data base on IP20 RGB)



Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips, Tapping screws, Expandable rubber plugs



Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Name: ND25 - "—" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws



Name: ND25 - "—" type hanging mounting with PC profile
Model: ND25-IA04
Attachment: Transparent PC mounting profile, Kit of hanging rope, Screws



Name: ND25 - "I" type hanging mounting
Model: ND25-IA05
Attachment: Kit of "I" type hanging mounting, Tapping screws, Expandable rubber plugs



Name: ND25 - "U" type hanging mounting
Model: ND25-IA06
Attachment: Kit of "U" type hanging mounting, Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION



Name: ND25 - "I" type hanging mounting with rope
Model: ND25 - IA07
Attachment: Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet
Tapping screws



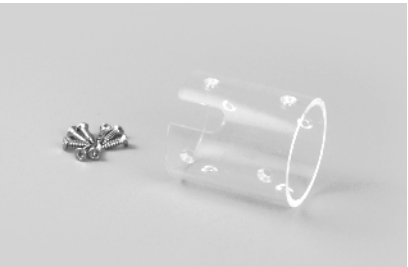
Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws



Name: ND25 - "—" type adjustable hanging mounting with closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Name : ND25 - "—" type adjustable hanging mounting with concealed PC clips
Model : ND25-IA17
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector



Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Name : ND25 - "—" type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Name: R25 - Surface mounting with concealed PC clips
Model: R25-IA12
Attachment: Transparent PC pedestals with two holes, Transparent PC pedestals with five holes, Tapping screws, Tapping screws, Expandable rubber plugs



Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector



Name: ND25 transparent connector
Mode: ND25-IA20
Attachment: Screws , PMMA transparent connector



Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent connector



Name: ND25 - "—" type hanging mounting with concealed PC clips
Model: ND25-IA13
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Name: ND25 - "—" type adjustable hanging mounting with open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Name : ND25 - "—" type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod



Name: ND25-Horizontal hanging circular tube 1M
Model: ND25-IA22
Attachnent: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent circular tube

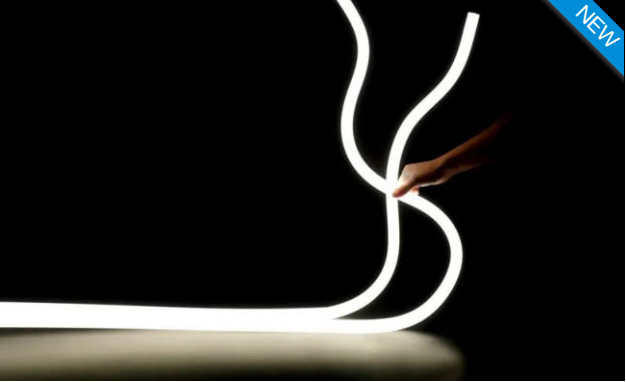
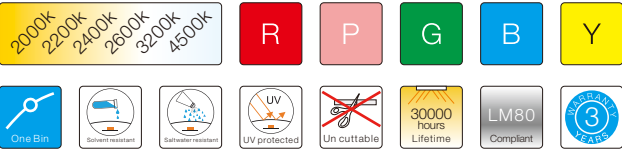


Name: ND25-Horizontal hanging circular tube 2M
Model: ND25-IA23
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs , Tapping screws, PMMA transparent circular tube ;

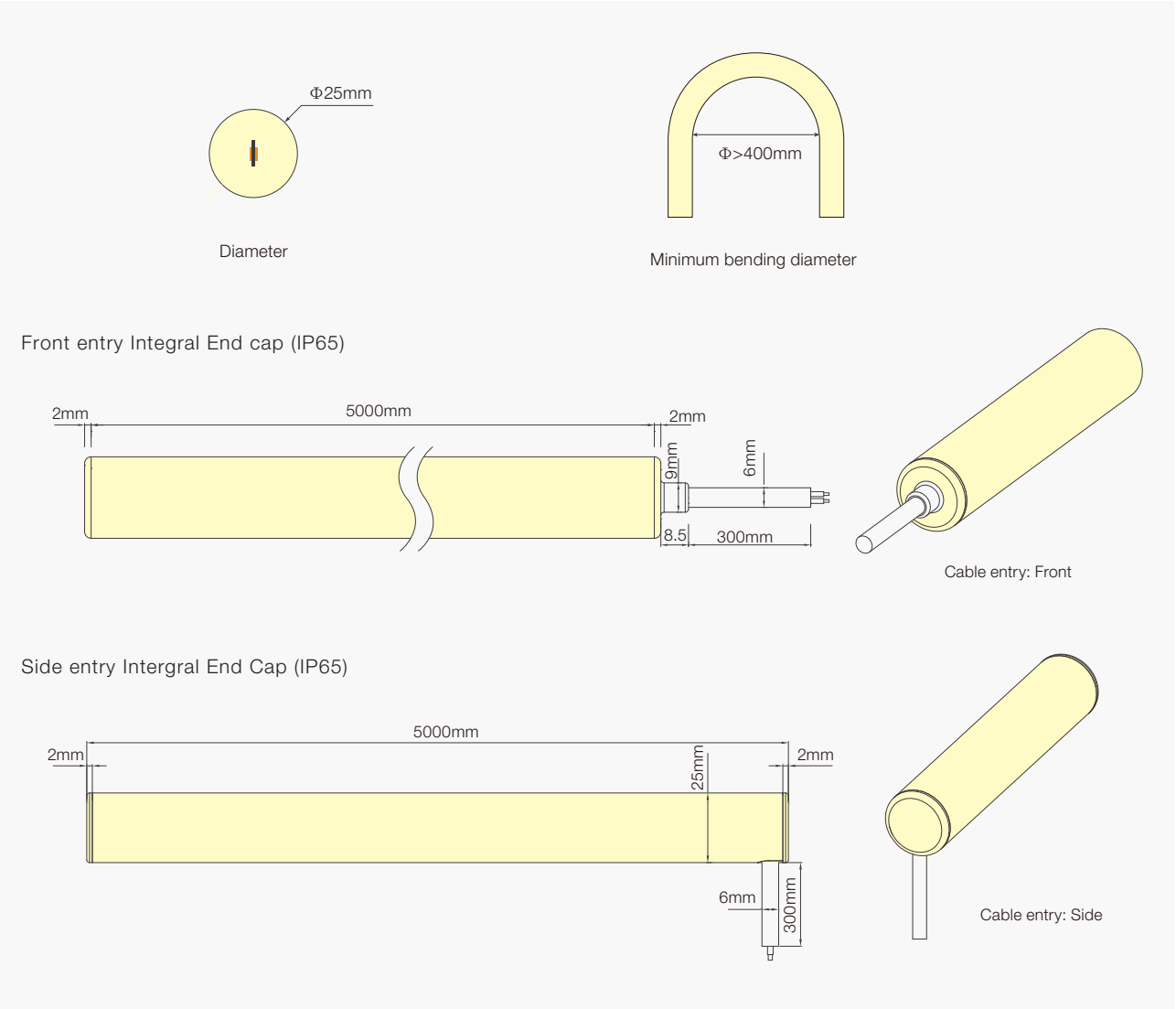
POSEABLE 360°SILICONE NEON

ND25P NEON 24V

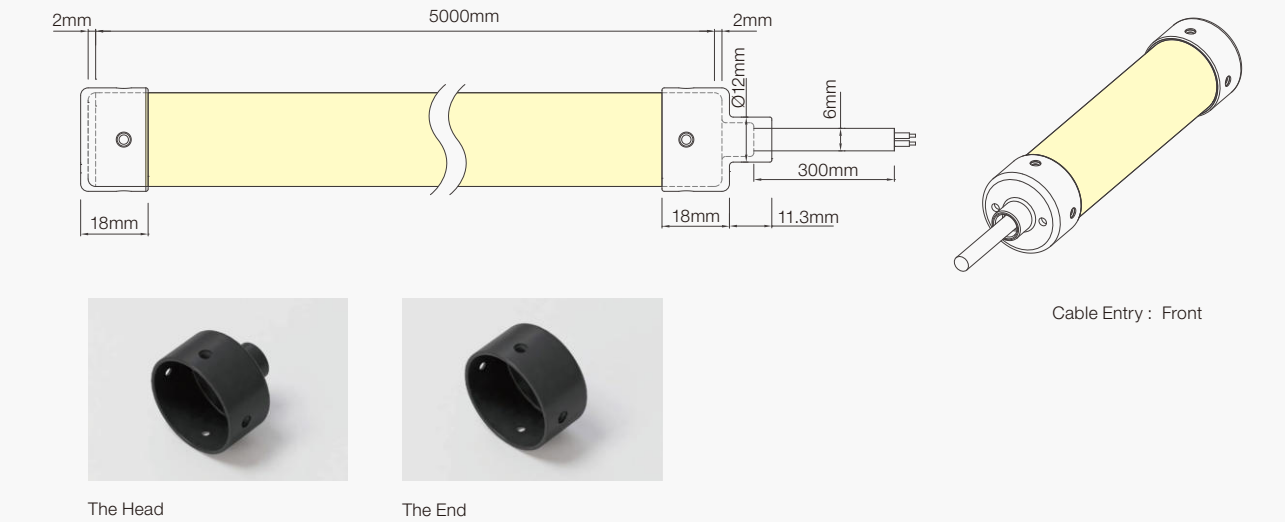
- Light source: Premium COB LED strip, certified by LM80 test.
 - Design flexibility: Rigid or flexible with high plasticity.
 - Using Dow Chemical brand silicone rubber
 - Eco-friendly silicone with integrated extrusion process
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



Silicone End Cap(IP65)

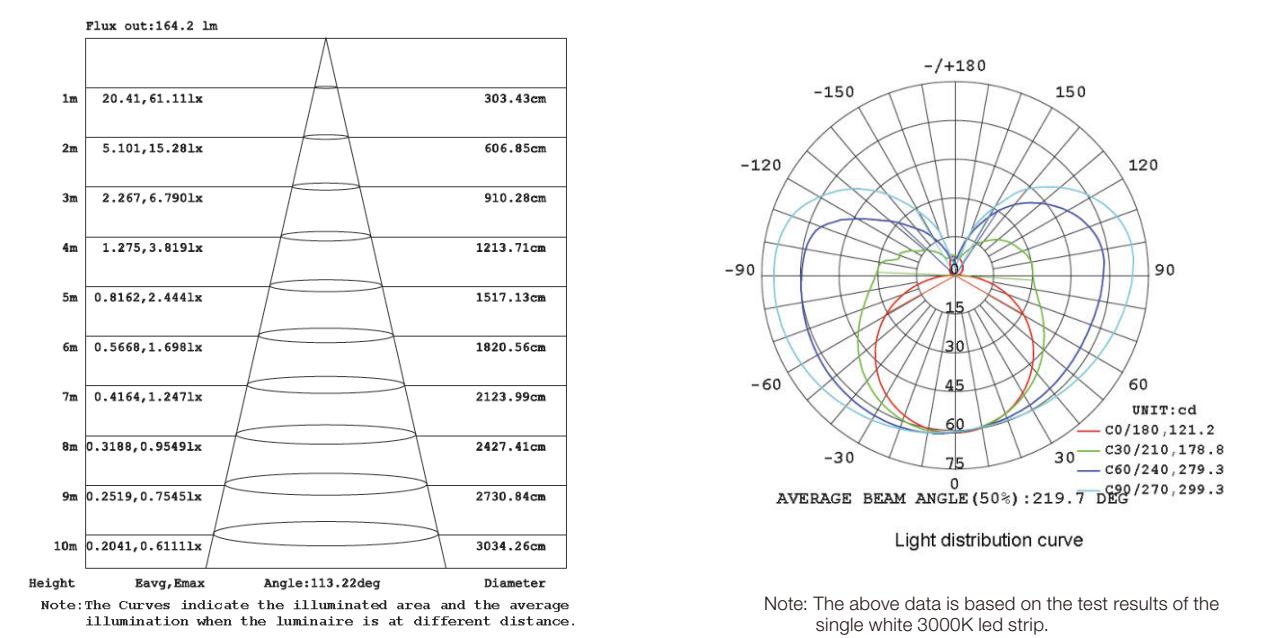


SINGLE COLOR (LM/M)

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

- 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%.
- All products can be dimmed; the dimmer's voltage should conform to the rated voltage of the led light. 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.

LIGHT DISTRIBUTION CURVE



PRODUCT ACCESSORIES INFORMATION (The data base on IP20 RGB)



Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips,Tapping screws,Expandable rubber plugs



Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Name: ND25 -"—" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws



Name: ND25 -"—" type hanging mounting with PC profile
Model: ND25-IA04
Attachment: Transparent PC mounting profile, Kit of hanging rope , Screws



Name: ND25 -"I" type hanging mounting
Model: ND25-IA05
Attachment: Kit of "I" type hanging mounting, Tapping screws,Expandable rubber plugs



Name: ND25 -"U" type hanging mounting
Model: ND25-IA06
Attachment: Kit of "I" type hanging mounting Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION



Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet Tapping screws



Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws



Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment:"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Name : ND25 -"—"type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Name: ND25 -"—"type adjustable hanging mountingwith open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Name : ND25 -"—"type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod



Name: ND25 -"—"type adjustable hanging mountingwith closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector



Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector



Name: ND25 transparent connector
Model: ND25-IA20
Attachment: Screws , PMMA transparent connector



Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent connector



ADDRESSABLE SERIES

Addressable LED Neon Flex offers the possibility to create complex lighting effects, and comes in both DMX512 and SPI addressable options.

DMX512 & SPI ADDRESSABLE NEON FLEX



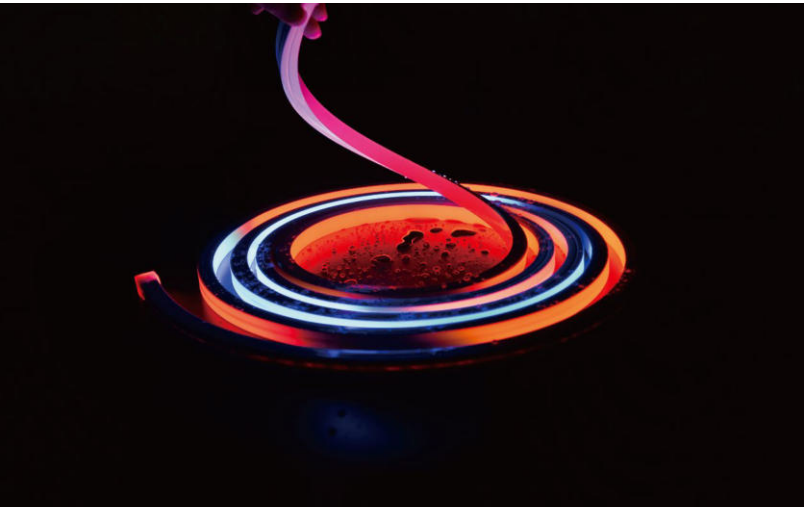
SPI (Single data cable)

Simple application, only need a single data cable can complete the transmission of data.



SPI (Dual data cable)

With dual data cable, the main data cable can be automatically switched to the standby data cable when the fault occurs, enhance thereliability of data transmission, which is also called breakpoint resume transmission.



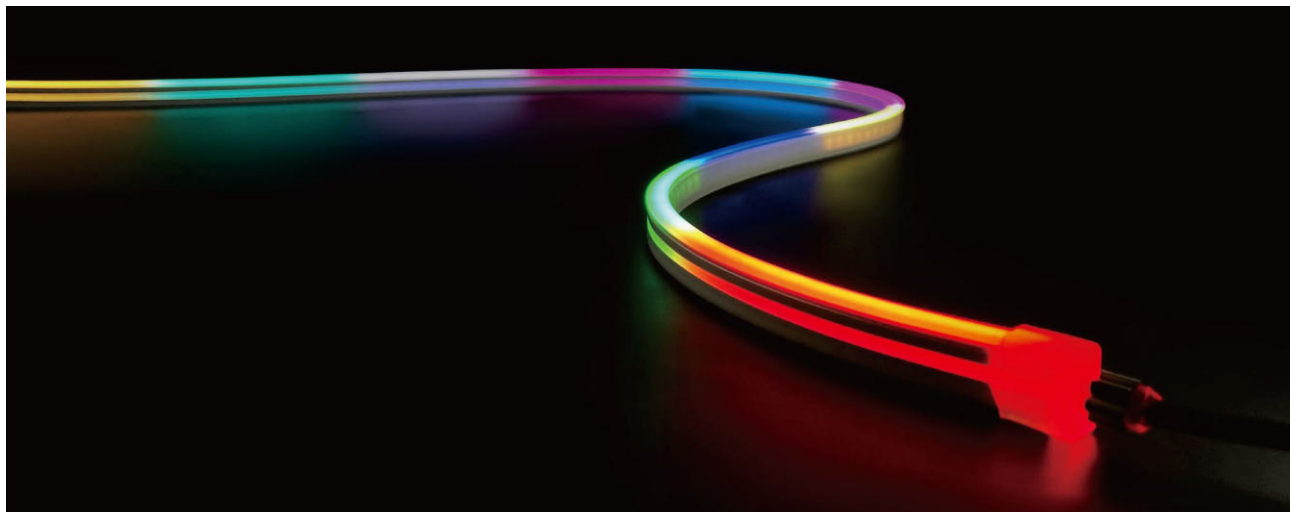
DMX512

Compatible with international standard protocol DMX512 (1990). Adopting signal differential transmission mode, to ensure stronger anti-interference ability and longer transmission distance.

Product List

Model	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	IC Model	Page
NS-T1615-RGB-WS2818	DC24V	12	262	21.8	8	125	UCS2603 WS2818	235
NS-T1615-RGBW-UCS2904	DC24V	14.5	342	23.6	8	125	UCS2904	
NS-T1615-RGB-DMX512	DC24V	12	266	22.2	8	125	UCS512C2L	
NS-T1615-RGBW-DMX512	DC24V	15	329	21.9	8	125	UCS512C2L	
NS-S1220-RGB-WS2818	DC24V	12	159	13.3	8	125	UCS2603 WS2818	229
NS-S1220-RGBW-UCS2904	DC24V	14.5	218	15.0	8	125	UCS2904	
NS-S1220-RGB-DMX512	DC24V	12	161	13.4	8	125	UCS512C2L	
NS-S1220-RGBW-DMX512	DC24V	15	211	14.1	8	125	UCS512C2L	
NS-S1225-RGB-WS2818	DC24V	12	145	12.1	8	125	UCS2603 WS2818	231
NS-S1225-RGBW-UCS2904	DC24V	14.5	200	13.8	8	125	UCS2904	
NS-S1225-RGB-DXM512	DC24V	12	148	12.3	8	125	UCS512C2L	
NS-S1225-RGBW-DXM512	DC24V	15	208	13.9	8	125	UCS512C2L	
NS-T1212-RGB-WS2811	DC24V	12.5	266	21.3	10	100	WS2811	234
NS-S0612-RGB-WS2811	DC24V	12.5	162	13.0	10	100	WS2811	227
NS-S0817-RGB-WS2811	DC24V	12.5	152	12.2	10	100	WS2811	228
NS-T1010-RGB-WS2811	DC24V	12.5	304	24.3	10	100	WS2811	233
NS-D16-RGB-WS2811	DC24V	12.5	294	23.5	10	100	WS2811	237
NS-S0612D-RGB-WS2811	DC24V	12.5	266	21.3	10	100	WS2811	239
NS-ND25-RGB-WS2811	DC24V	25	474	19	10	100	WS2811	238

ADDRESSABLE NEON FLEX NS-S0612

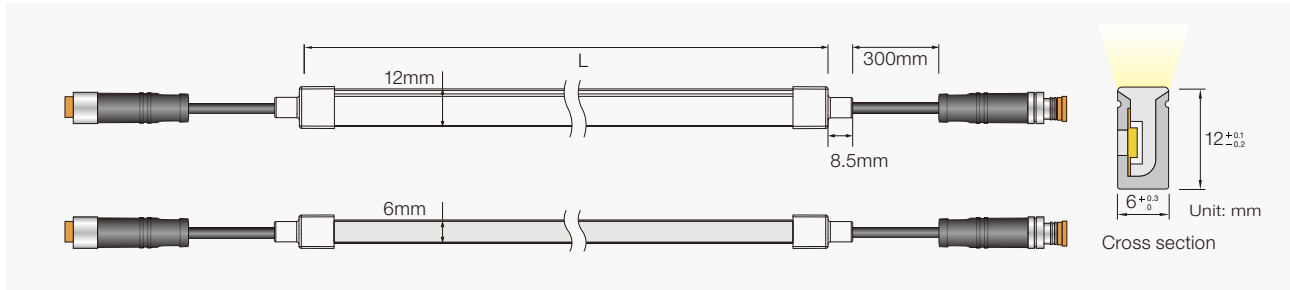


PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM 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, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



DIMENSION STRUCTURE



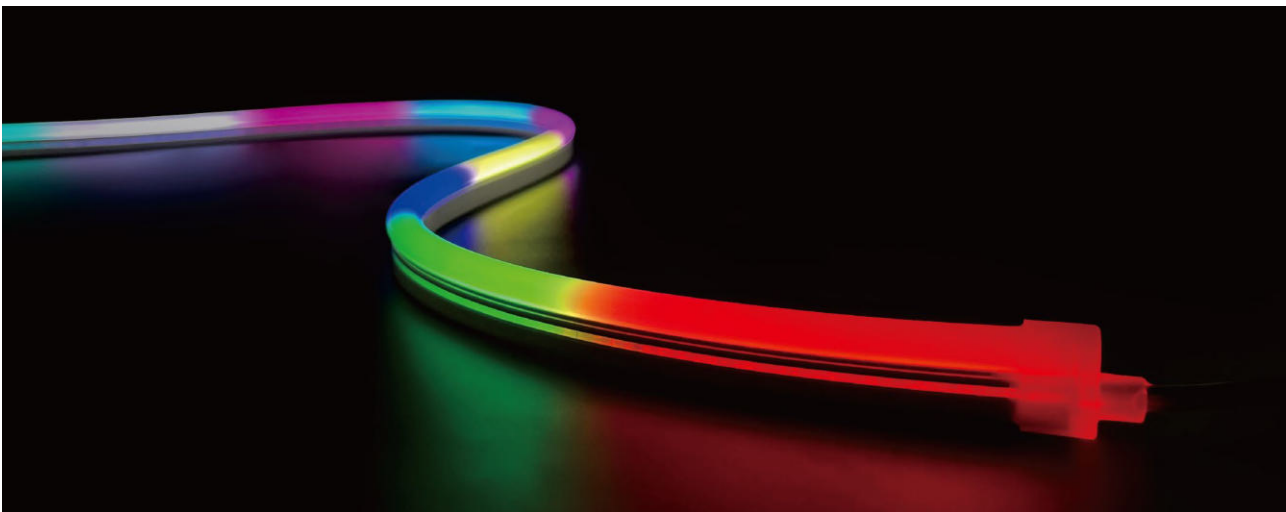
CABLE

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

RGB

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

ADDRESSABLE NEON FLEX NS-S0817

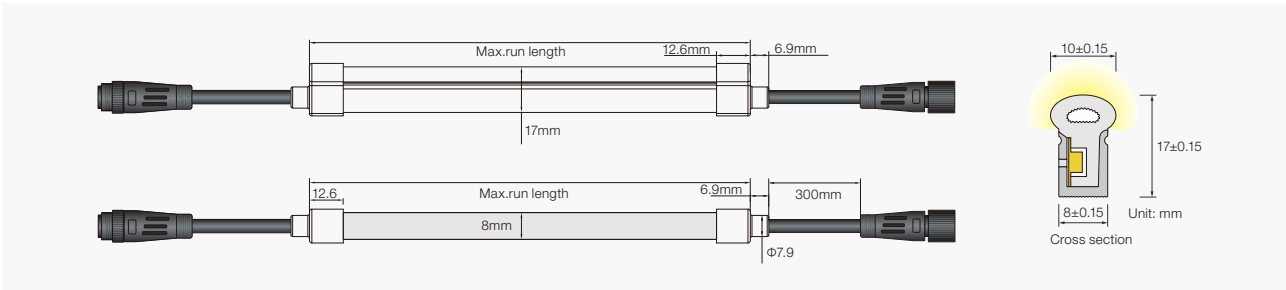


PRODUCT FEATURES

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DIMENSION STRUCTURE



CABLE

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

RGB

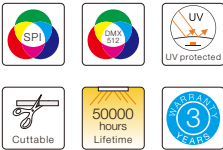
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	36	7.5	10	100	SPI (Single data cable)	WS2811
	4.8	G	114	23.8				
	4.8	B	19	4.0				
	12.5	RGB	152	12.2				

ADDRESSABLE NEON FLEX NS-S1220

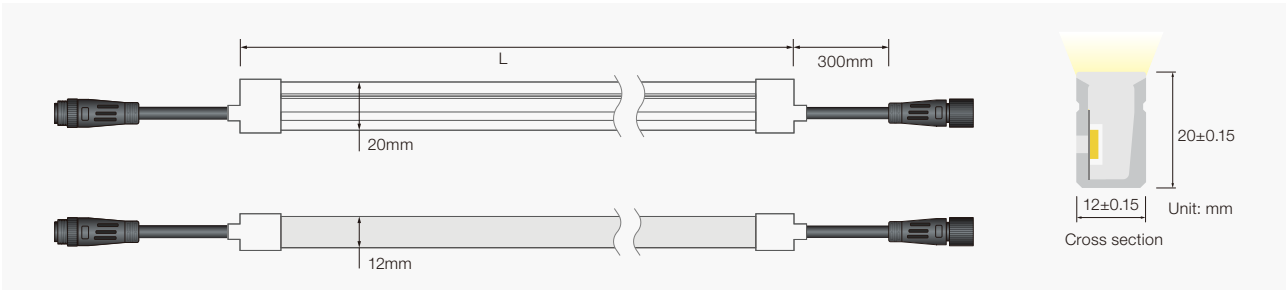


PRODUCT FEATURES

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DIMENSION STRUCTURE



CABLE

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	● ● ●	SPI (Single data cable): Red V+, Green DI/DO, Black V-
		OD: 5.5mm	● ● ● ●	SPI (Dual data cable) : Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm	● ● ● ● ●	DMX512 : Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 5.0mm	● ● ●	SPI : Red V+, Green DI/DO, Black V-
		OD: 6.0mm	● ● ● ●	Breakpoint Transmission : RedV+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.0mm	● ● ● ● ●	DMX512 : RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

RGB (NS-S1220-RGB-WS2818)

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

RGBW (NS-S1220-RGBW-UCS2904)

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

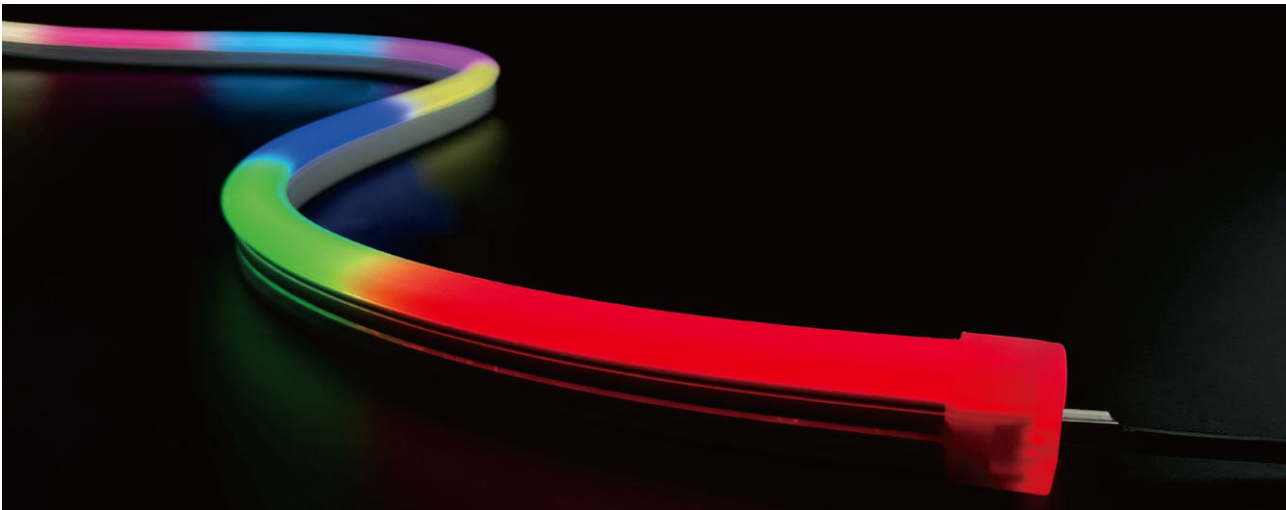
RGB (NS-S1220-RGB-DMX512)

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

RGBW (NS-S1220-RGBW-DMX512)

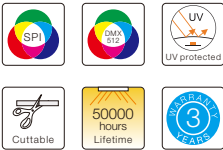
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	28	5.8	8	125	DMX512	UCS512C2L
	4.8	G	80	16.7				
	4.8	B	16	3.3				
	4.8	W(4000K)	96	20.0				
	15	RGBW	211	14.1				

ADDRESSABLE NEON FLEX NS-S1225

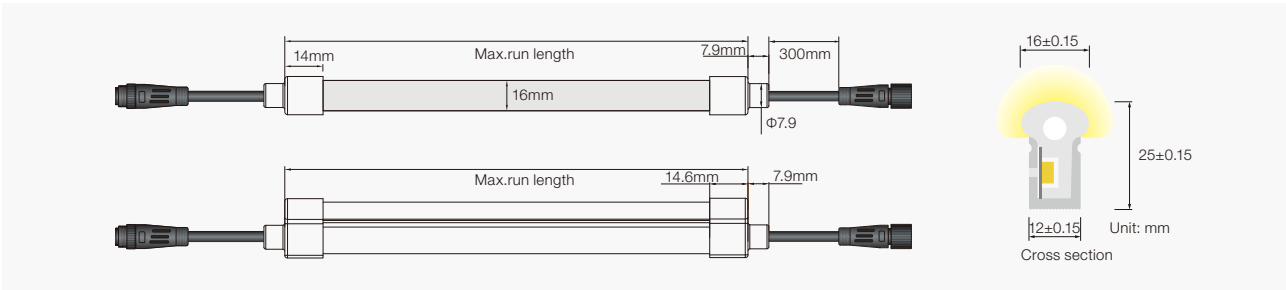


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DIMENSION STRUCTURE



CABLE

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	●●●●	SPI (Single data cable): Red V+, Green DI/DO, Black V-
		OD: 5.5mm	●●●●●	SPI (Dual data cable) : Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm	●●●●○●	DMX512 : Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 5.0mm	●●●●	SPI : Red V+, Green DI/DO, Black V-
		OD: 6.0mm	●●●●●	Breakpoint Transmission : RedV+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.0mm	●●●●○●	DMX512 : RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

RGB (NS-S1225-RGB-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	24	5.0	8	125	SPI (Single data cable)	UCS2603/WS2818
	5	G	102	20.4				
	5	B	19	3.8				
	12	RGB	145	12.1				

RGBW (NS-S1225-RGBW-UCS2904)

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

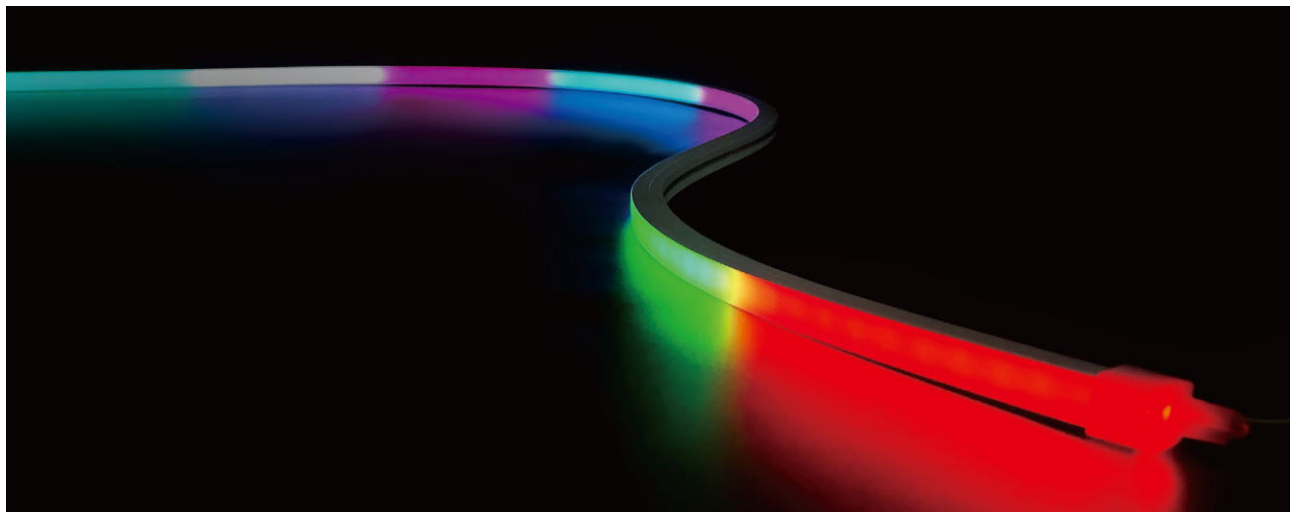
RGB (NS-S1225-RGB-DMX512)

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

RGBW (NS-S1225-RGBW-DMX512)

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

ADDRESSABLE NEON FLEX NS-T1010

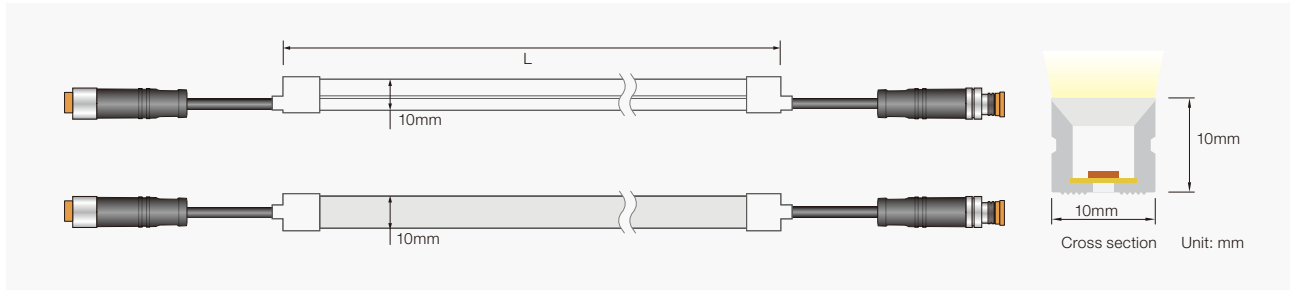


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DIMENSION STRUCTURE



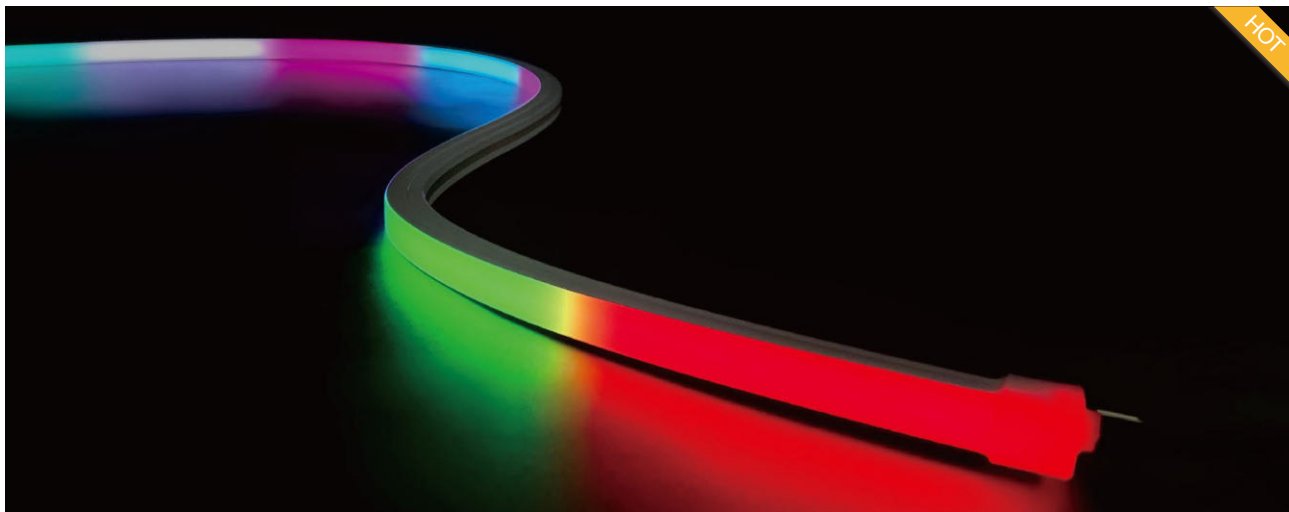
CABLE

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

RGB

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

ADDRESSABLE NEON FLEX NS-T1212

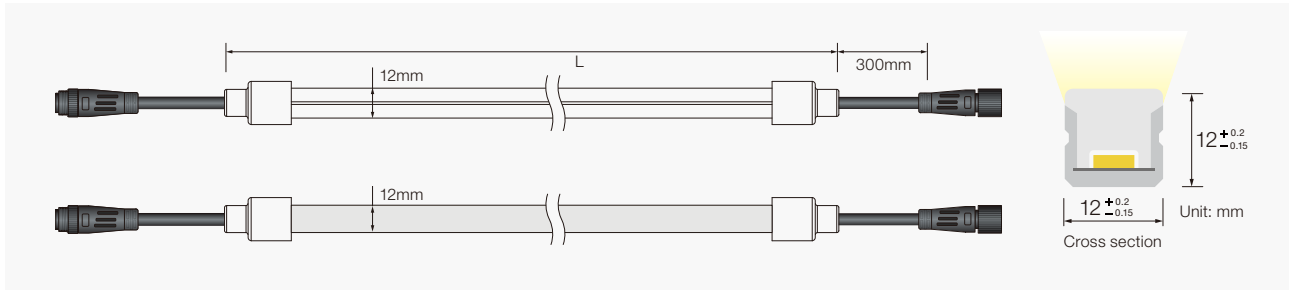


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DIMENSION STRUCTURE



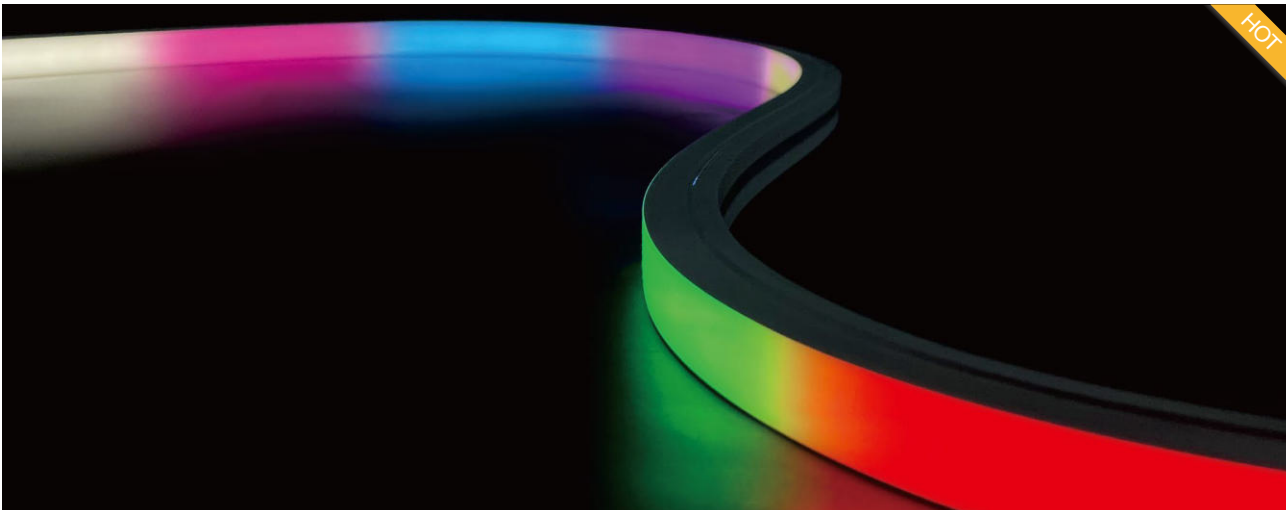
CABLE

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

RGB

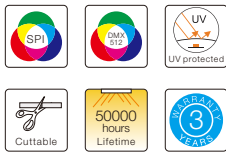
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	60	12.5	10	100	SPI (Single data cable)	WS2811
	4.8	G	194	40.4				
	4.8	B	33	6.9				
	12.5	RGB	266	21.3				

ADDRESSABLE NEON FLEX NS-T1615

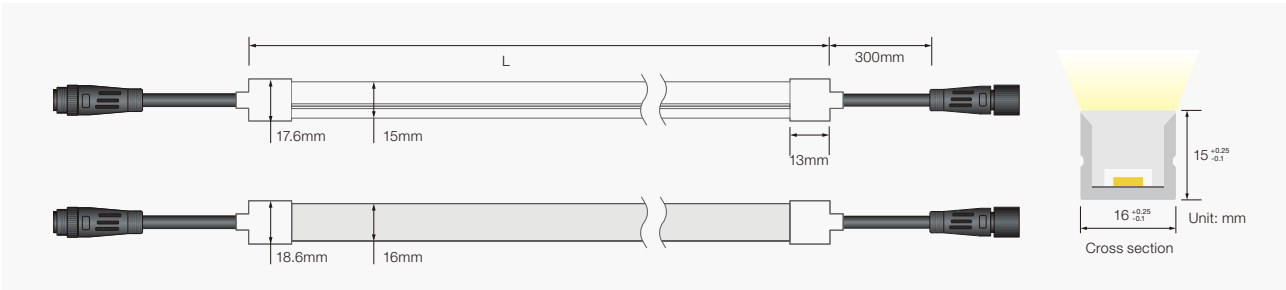


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DIMENSION STRUCTURE



CABLE

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	●●●	SPI (Single data cable): Red V+, Green DI/DO, Black V-
		OD: 5.5mm	●●●●	SPI (Dual data cable) : Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm	●●●○●	DMX512 : Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 5.0mm	●●●	SPI : Red V+, Green DI/DO, Black V-
		OD: 6.0mm	●●●●	Breakpoint Transmission : RedV+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.0mm	●●●○●	DMX512 : RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

RGB (NS-T1615-RGB-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	48	9.6	8	125	SPI (Single data cable)	UCS2603/WS2818
	5	G	148	36.8				
	5	B	32	6.5				
	12	RGB	262	21.8				

RGBW (NS-T1615-RGBW-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	42	8.8	8	125	SPI (Single data cable)	UCS2904
	4.8	G	117	24.4				
	4.8	B	36	7.5				
	4.8	W(4000K)	126	33.8				
	14.5	RGBW	342	23.6				

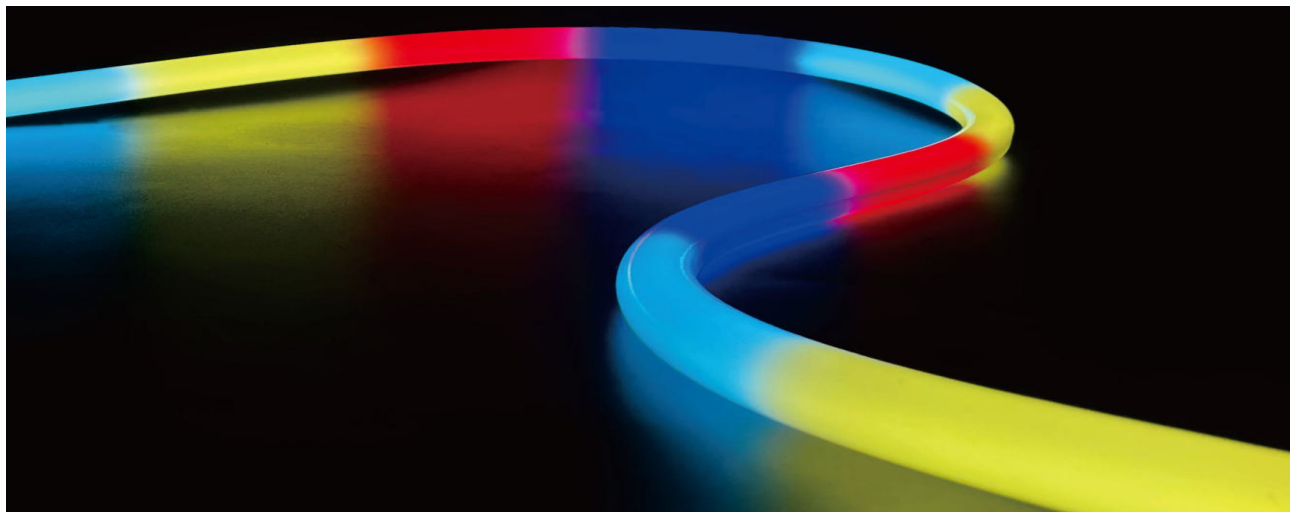
RGB (NS-T1615-RGB-DMX512)

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

RGBW (NS-T1615-RGBW-DMX512)

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

ADDRESSABLE NEON FLEX NS-D16

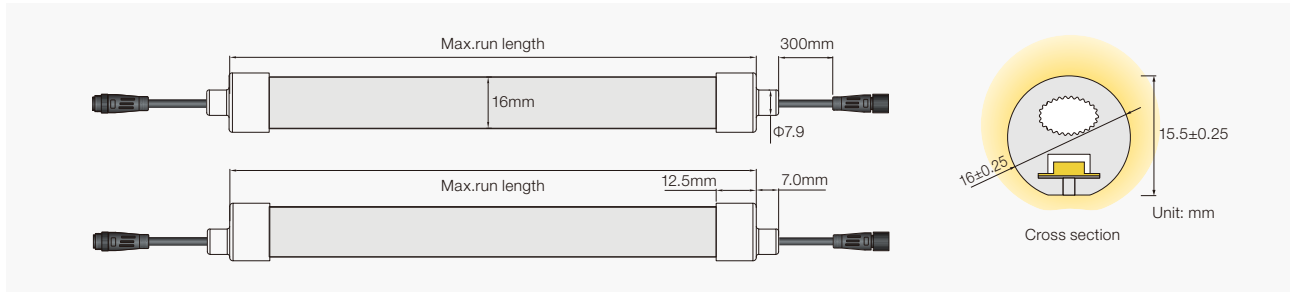


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DIMENSION STRUCTURE



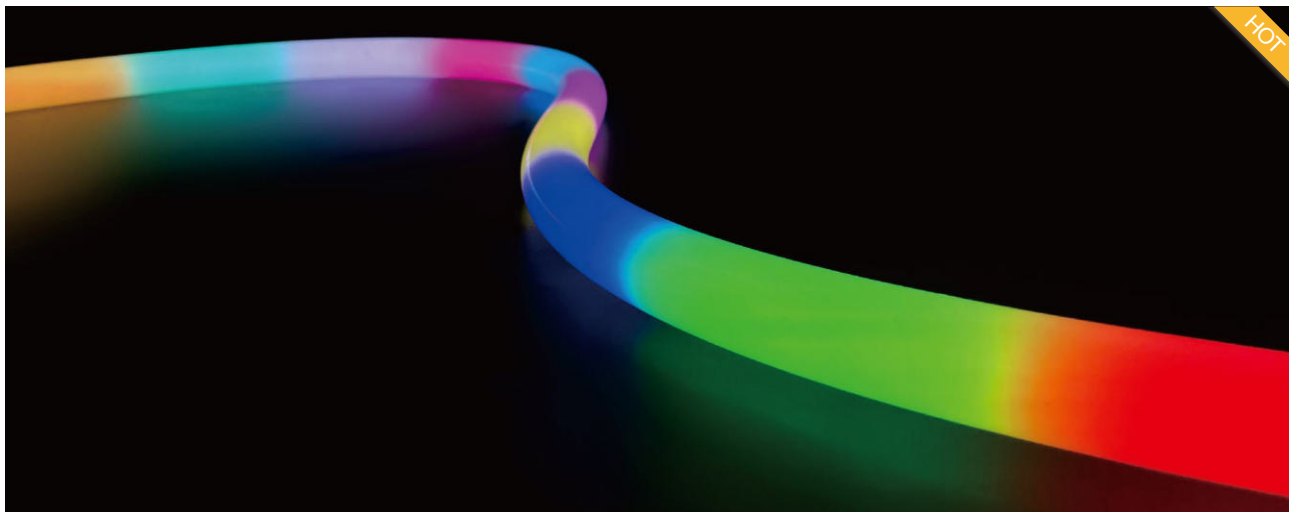
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	69	14.4	10	100	SPI (Single data cable)	WS2811
	4.8	G	219	45.6				
	4.8	B	40	8.5				
	12.5	RGB	294	23.5				

ADDRESSABLE NEON FLEX NS-ND25

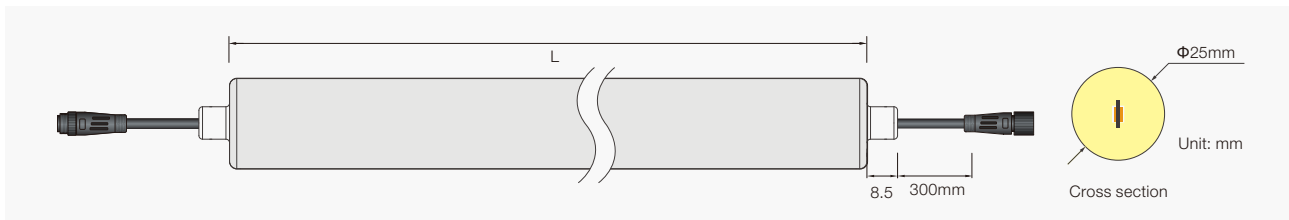


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DIMENSION STRUCTURE



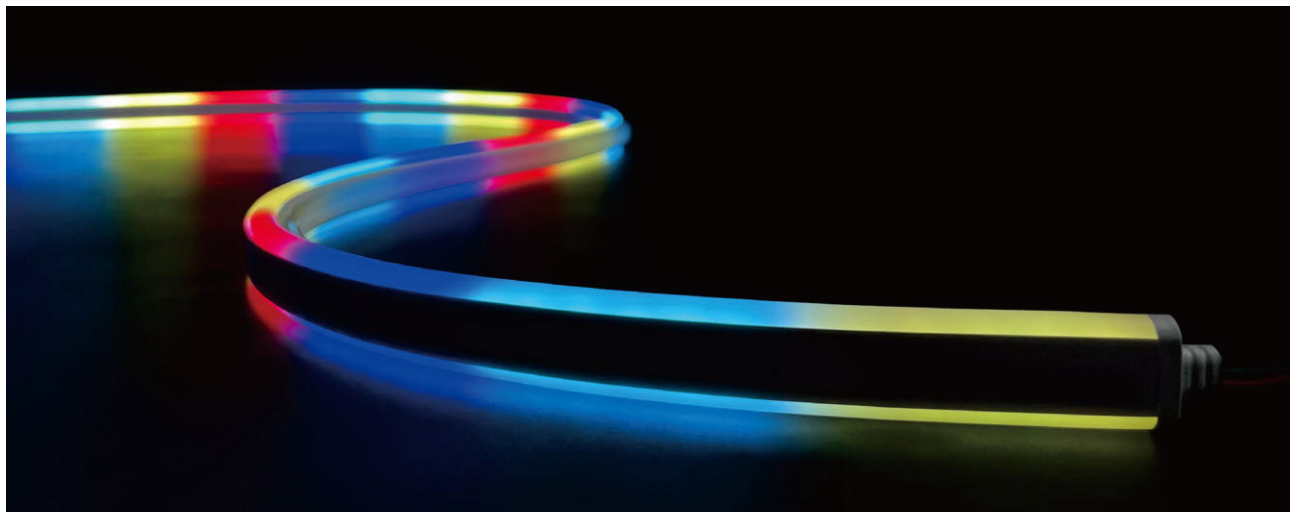
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	9.6	R	112	11.7	10	100	SPI (Single data cable)	WS2811
	9.6	G	350	36.5				
	9.6	B	54	5.6				
	25	RGB	74	19.0				

ADDRESSABLE NEON FLEX NS-S0612D

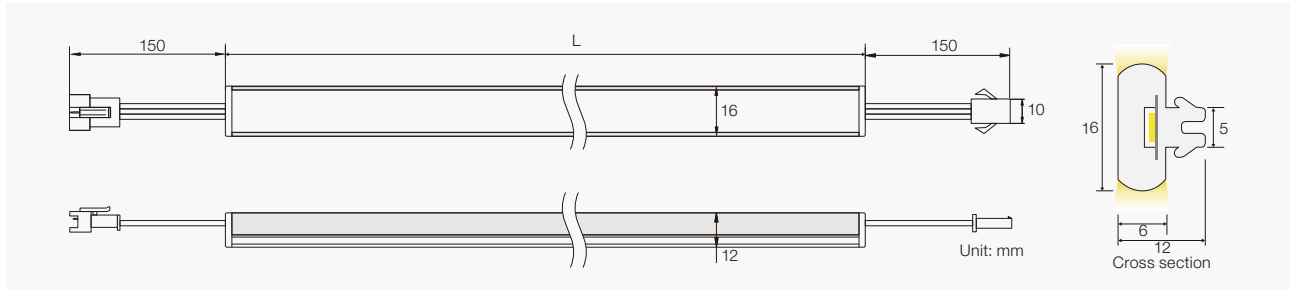


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DIMENSION STRUCTURE



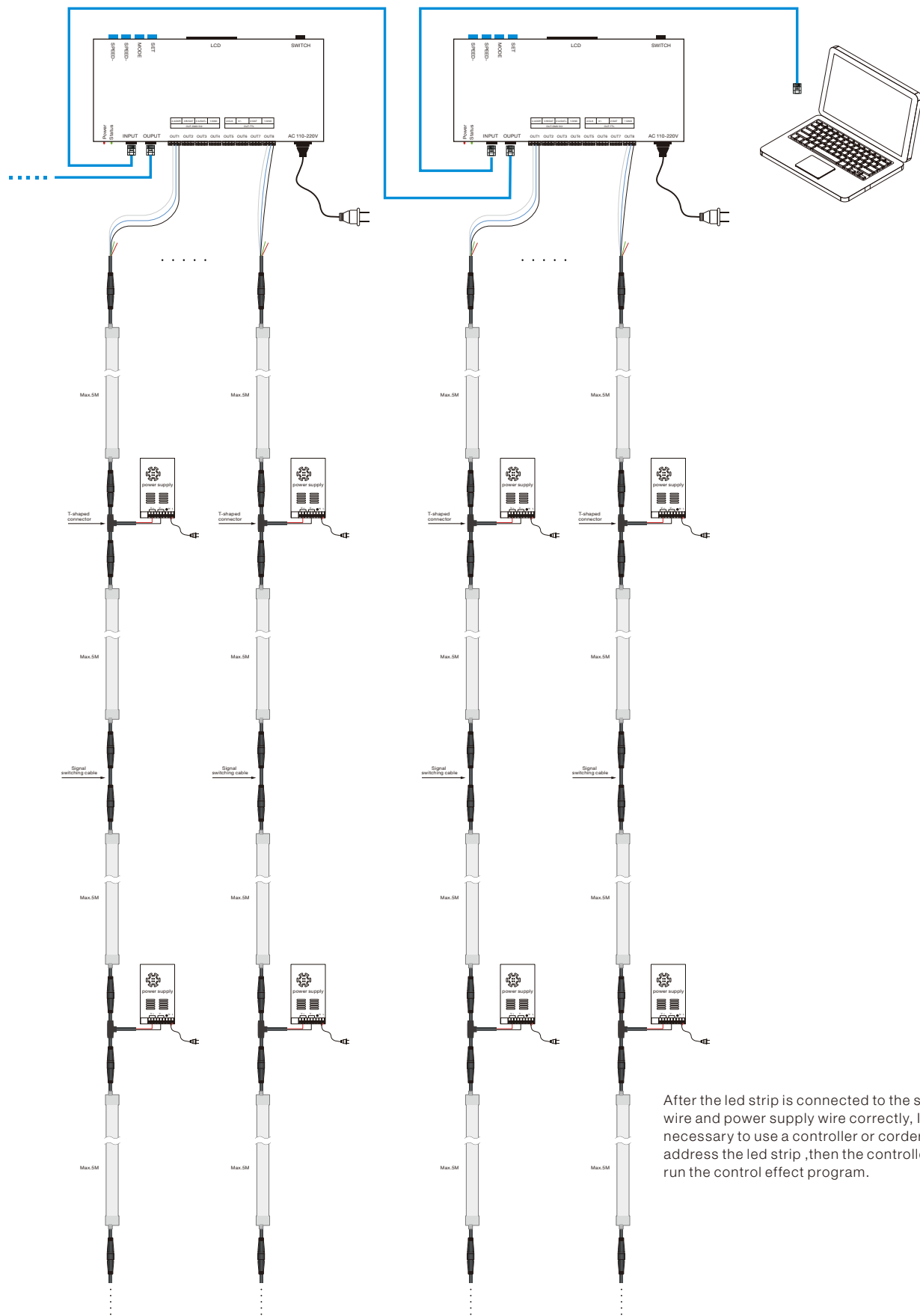
CABLE

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

RGB

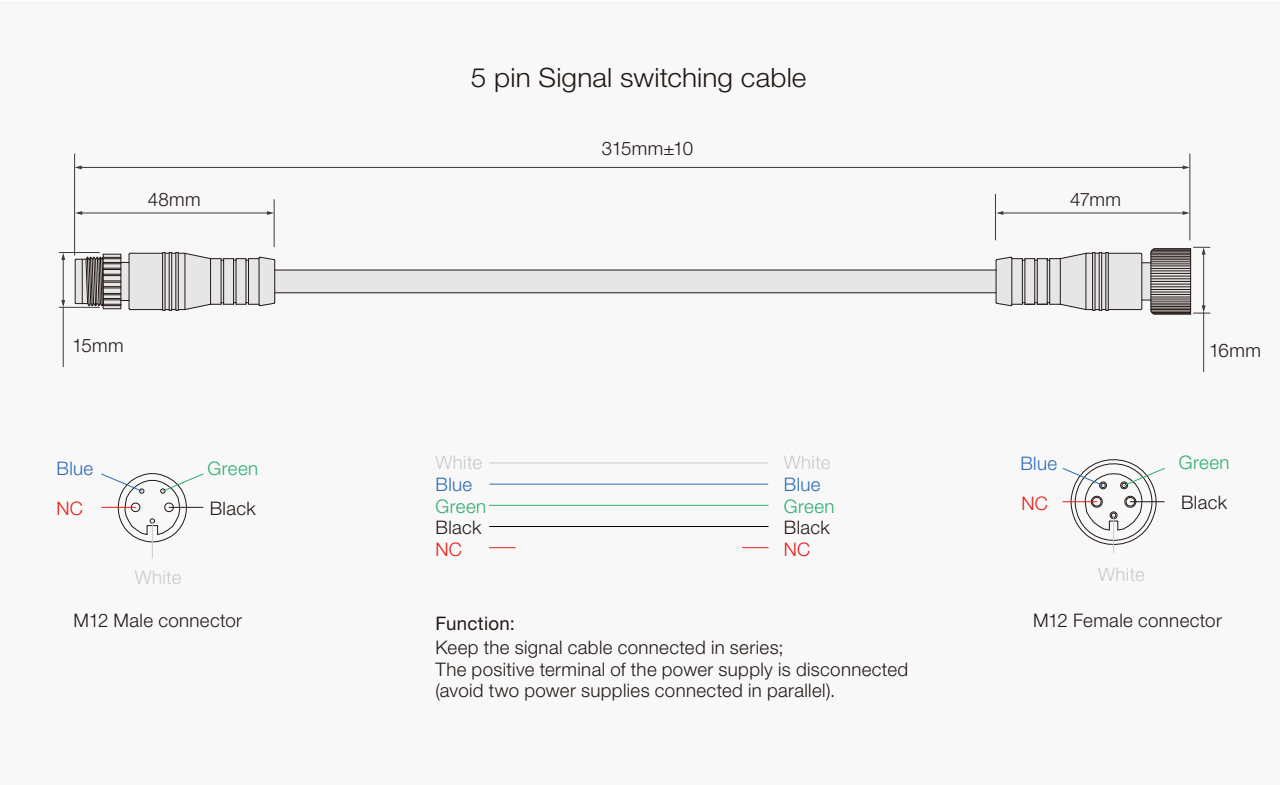
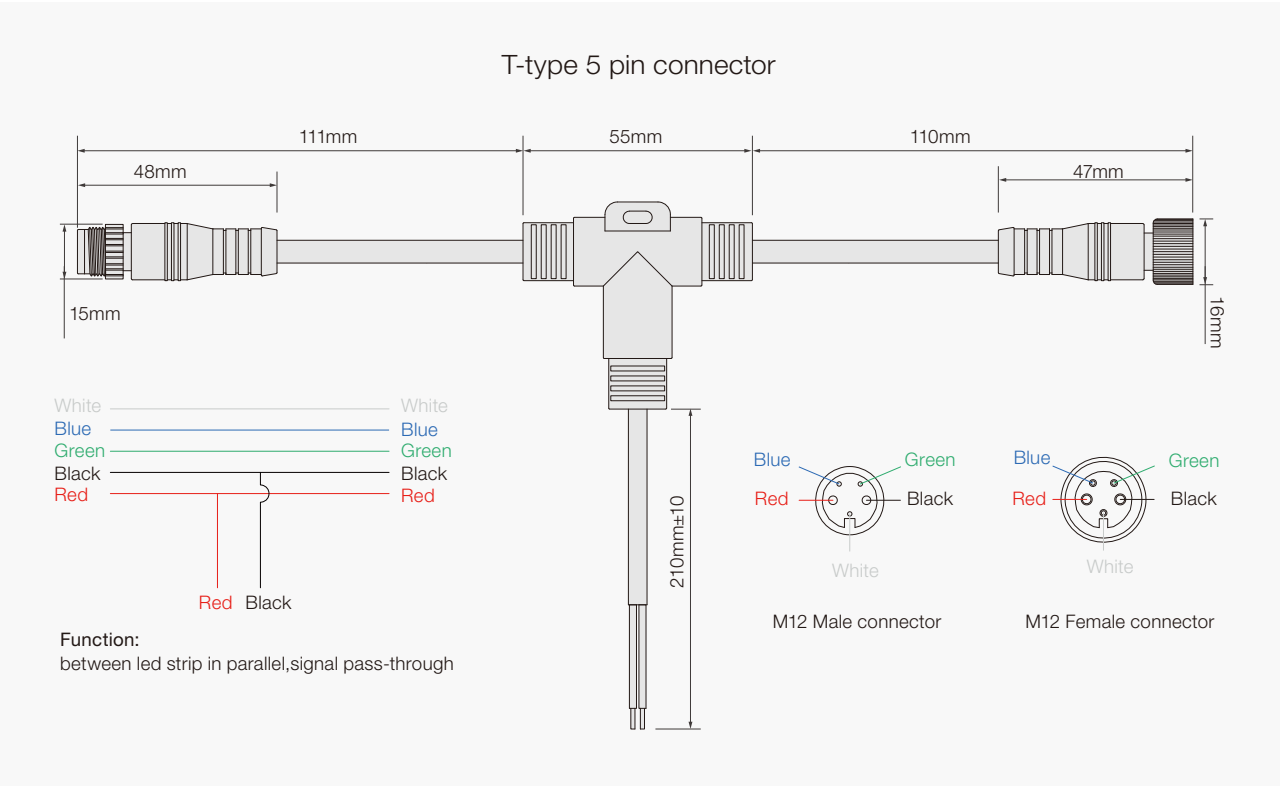
Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	64	13.3	10	100	SPI (Single data cable)	WS2811
	4.8	G	199	41.5				
	4.8	B	34	7.1				
	12.5	RGB	273	21.8				

CONTROL SYSTEM CONNECTION DIAGRAM-DMX512

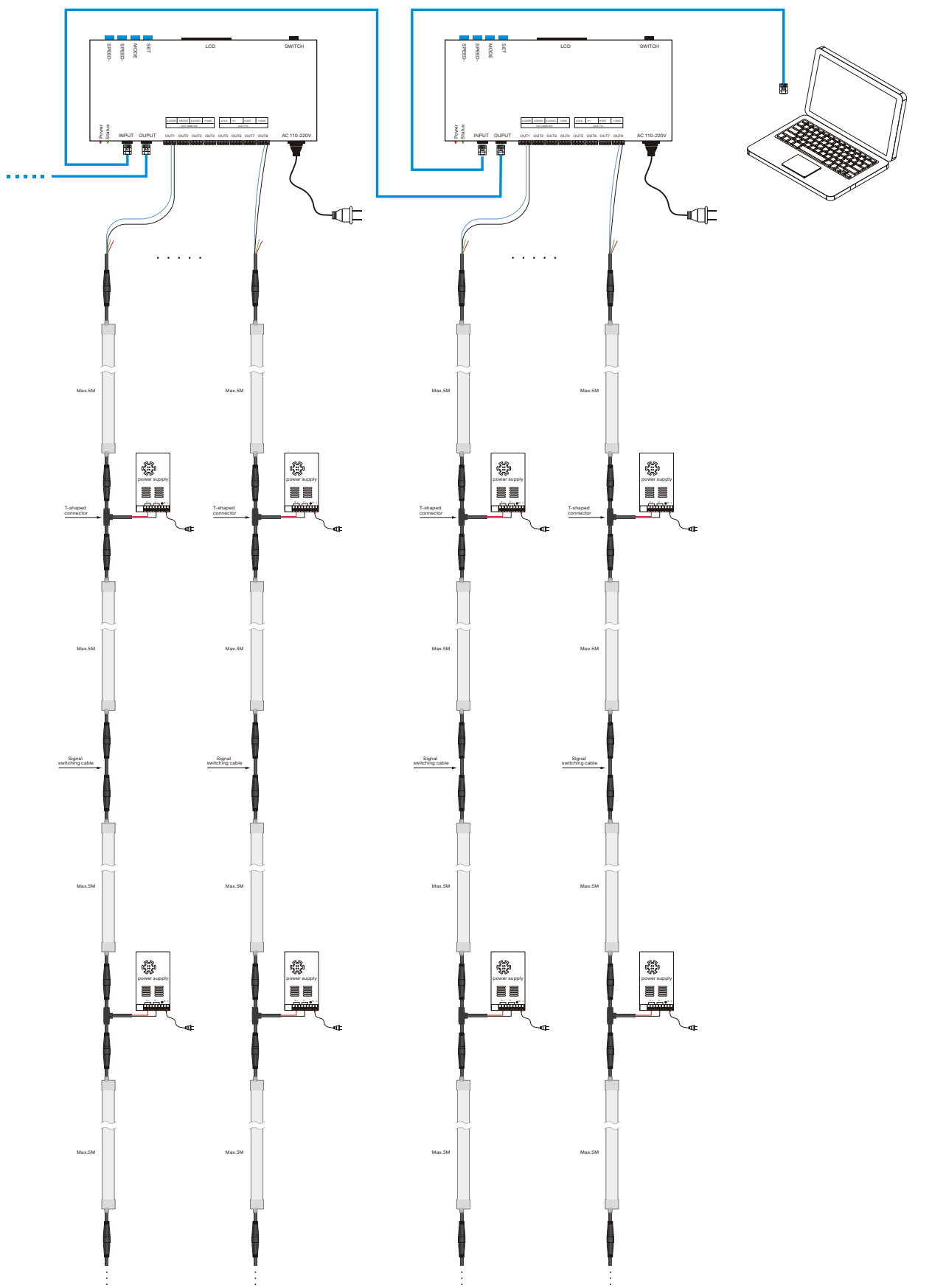


After the led strip is connected to the signal wire and power supply wire correctly, It is necessary to use a controller or corder to address the led strip ,then the controller can run the control effect program.

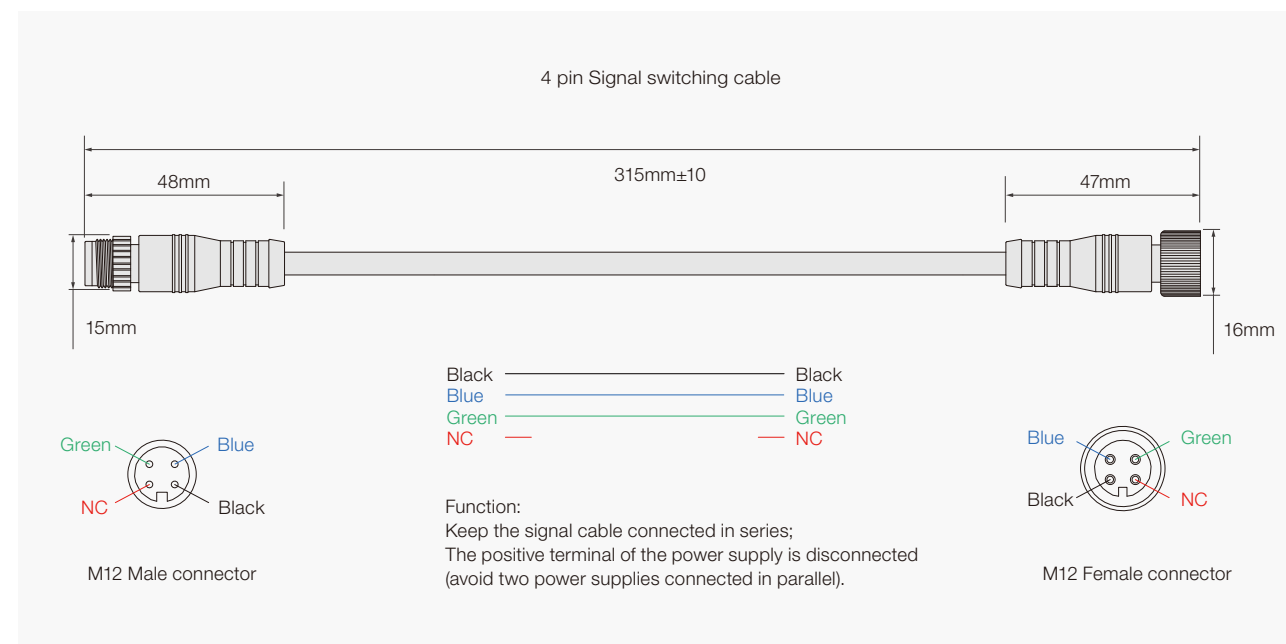
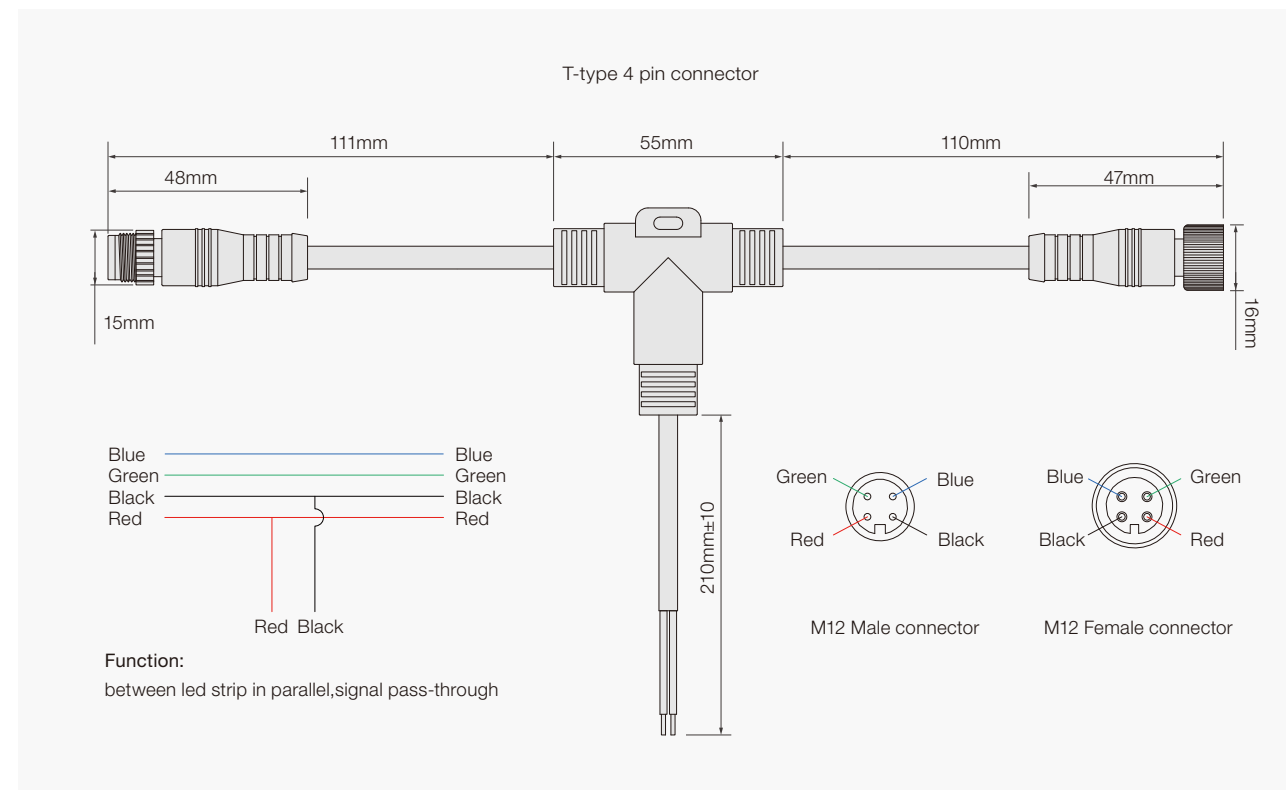
ACCESSORIES FOR DMX512 SERIES



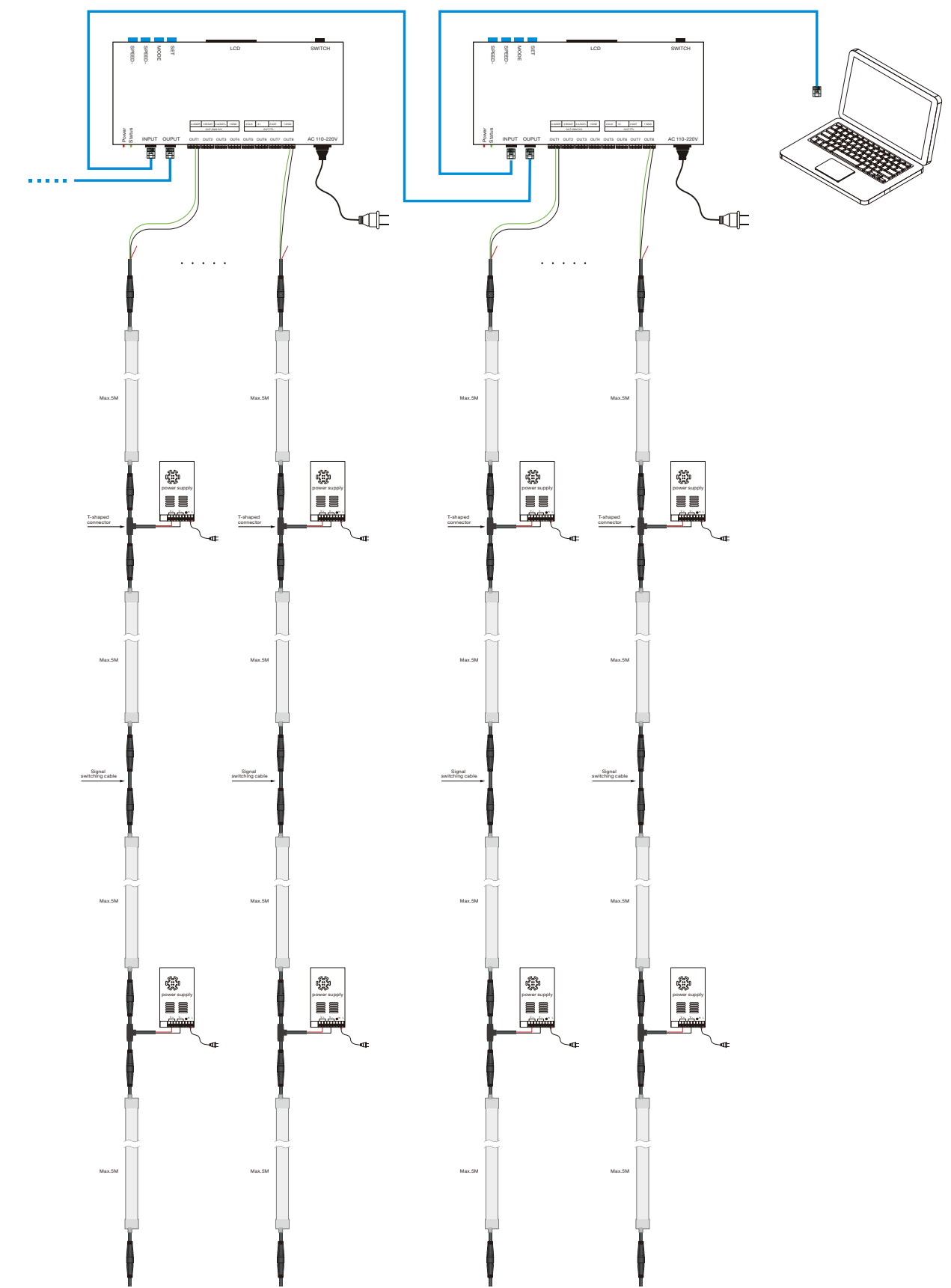
CONTROL SYSTEM CONNECTION DIAGRAM-SPI (DUAL DATA CABLE)



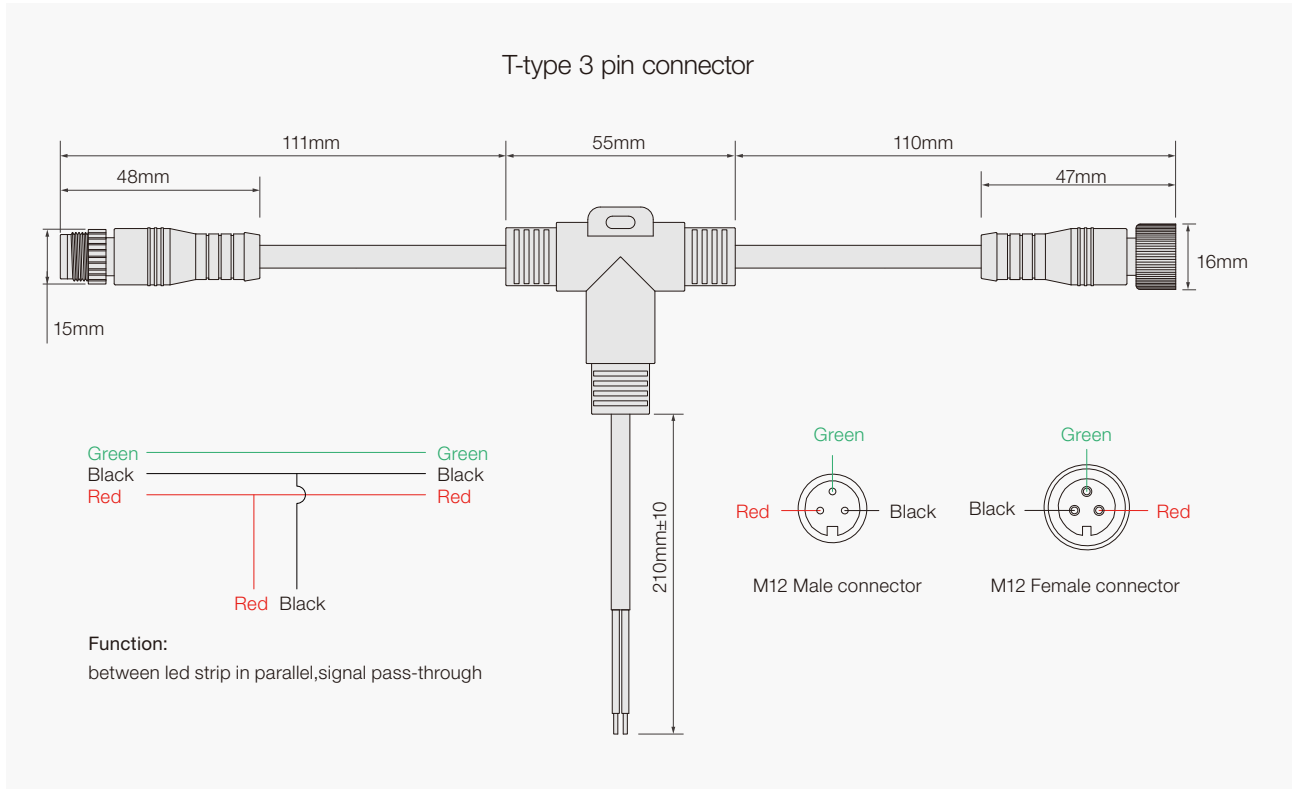
ACCESSORIES FOR SPI (DUAL DATA CABLE) SERIES



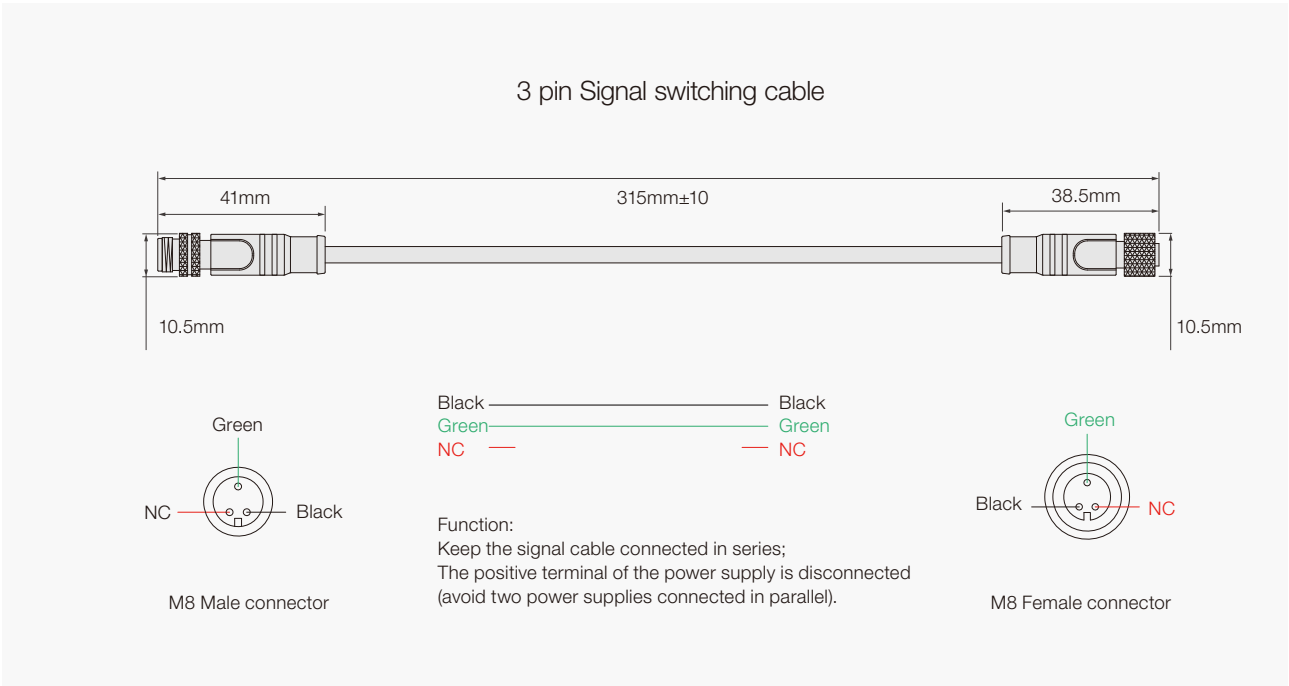
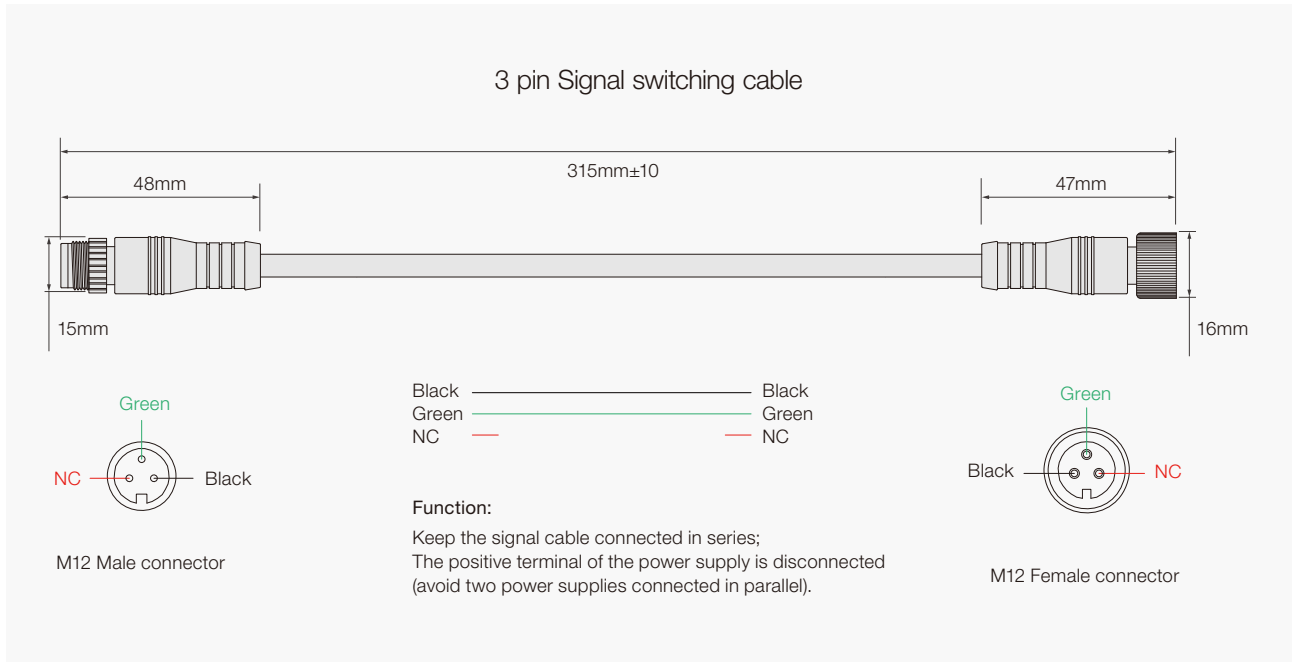
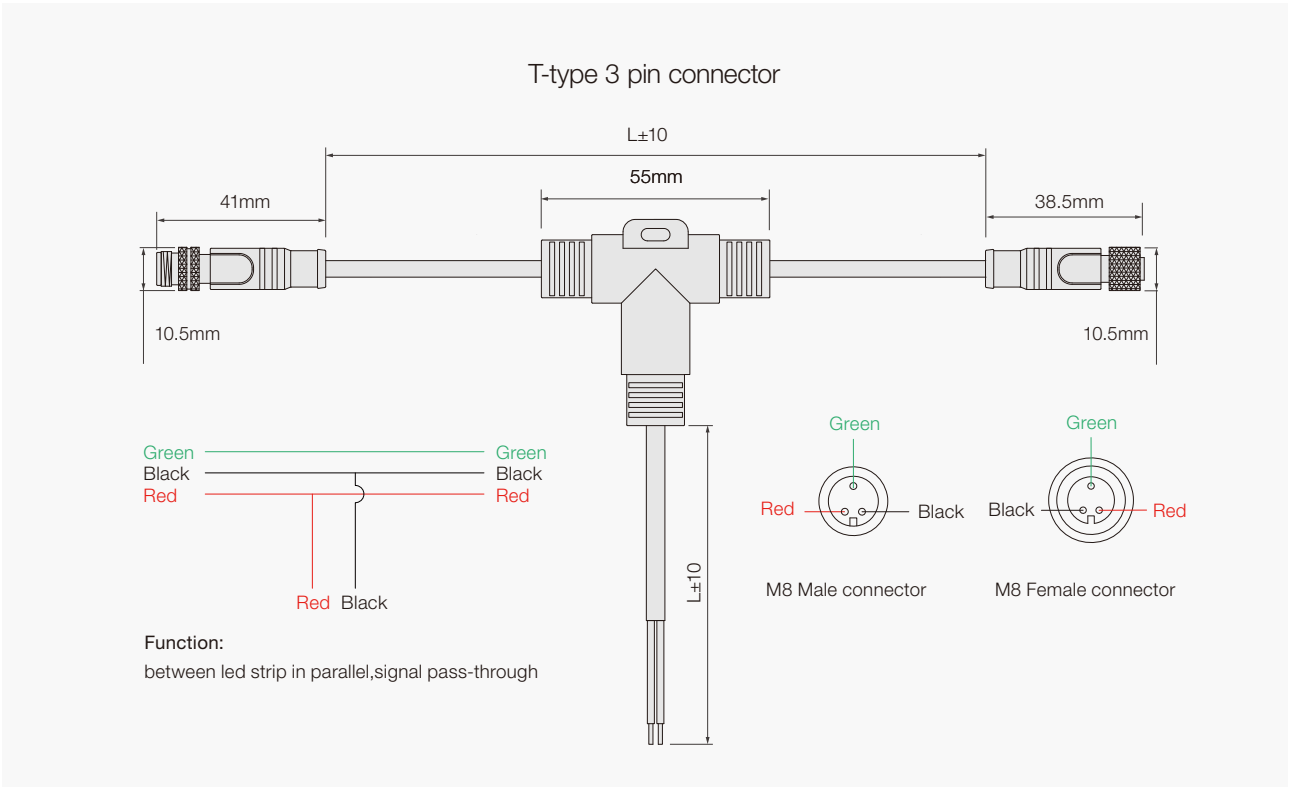
CONTROL SYSTEM CONNECTION DIAGRAM-SPI (SINGLE DATA CABLE)



ACCESSORIES FOR (SINGLE DATA CABLE) SERIES



ACCESSORIES FOR (SINGLE DATA CABLE) SERIES
(NS-S0612, NS-T1010)



MINI CUTTING SERIES

The Mini Cutting Neon Flex is a neon light that has been designed with an ultra-short cutting length to meet various length requirements. It's perfectly suitable for Signage lighting.



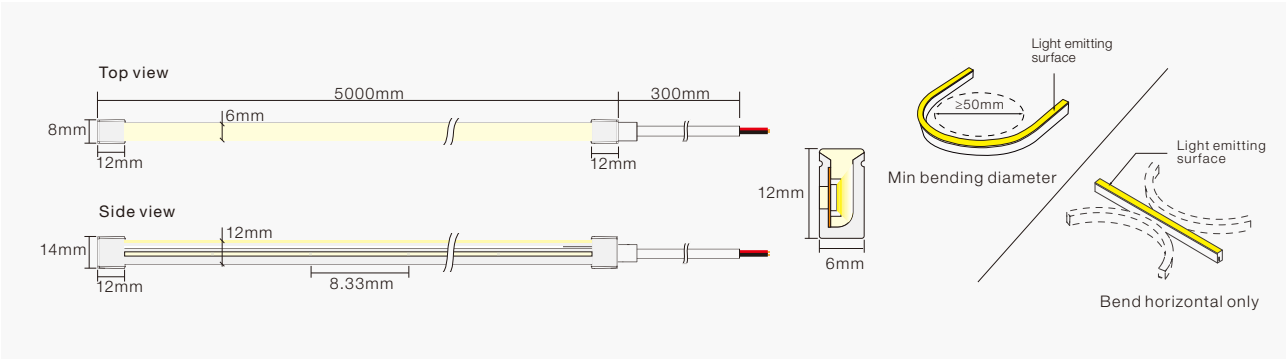
Better
Together

SIDE / MINI CUTTING S0612 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Silicone end cap
- Eight CCT optional from 2700K to 6000K



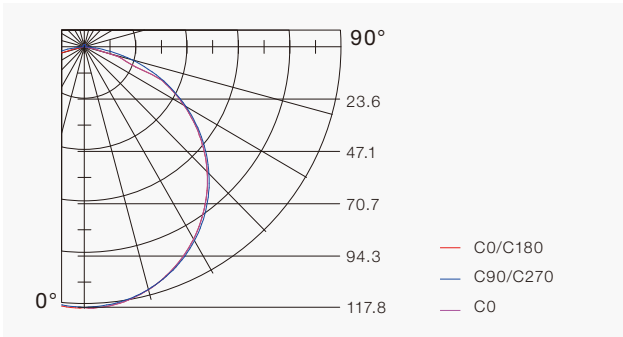
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

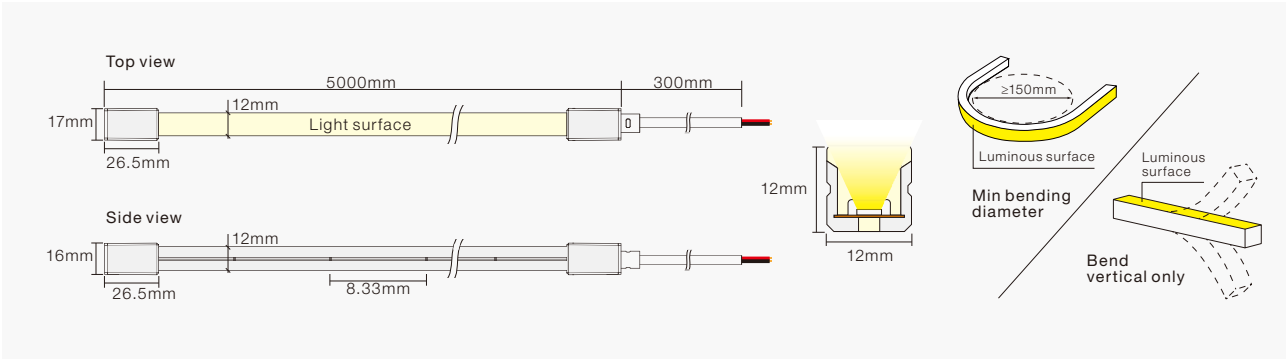
Part Number	CCT(K)	Low power(5w/m)(lm/m)	High power(10w/m)(lm/m)
NS-S0612-MC-W27	2600-2800K	173.25	346.50
NS-S0612-MC-W30	2900-3100K	173.25	346.50
NS-S0612-MC-W40	3750-4350K	181.50	363.00
NS-S0612-MC-W60	5800-6500K	181.50	363.00

TOP / MINI CUTTING T1212 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



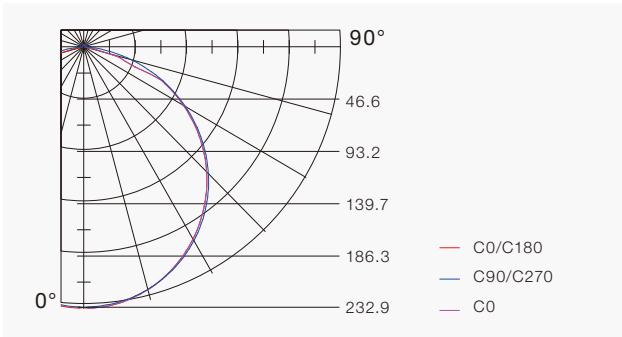
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

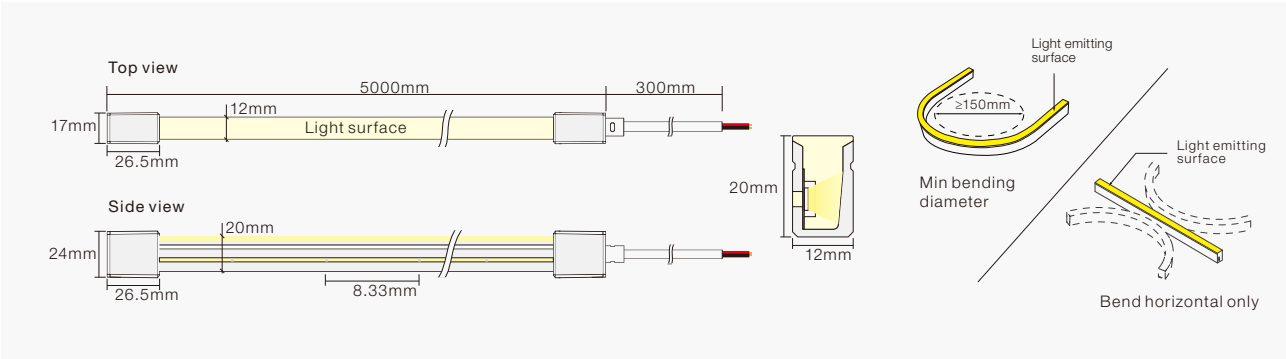
Part Number	CCT(K)	Low power(5w/m)(lm/m)	High power(10w/m)(lm/m)
NS-T1212-MC-W27	2600-2800K	299.25	598.50
NS-T1212-MC-W30	2900-3100K	299.25	598.50
NS-T1212-MC-W40	3750-4350K	313.50	627.00
NS-T1212-MC-W60	5800-6500K	313.50	627.00

SIDE / MINI CUTTING S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



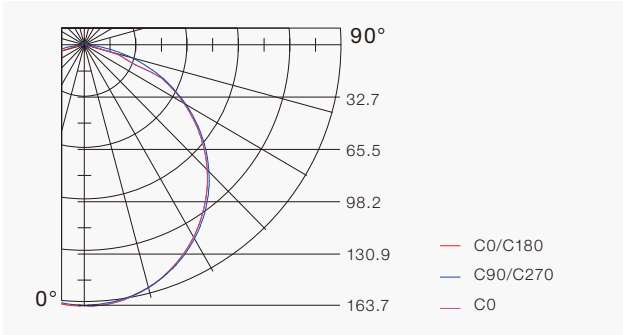
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 15W 6000K)



PRODUCT PHOTOMETRICS

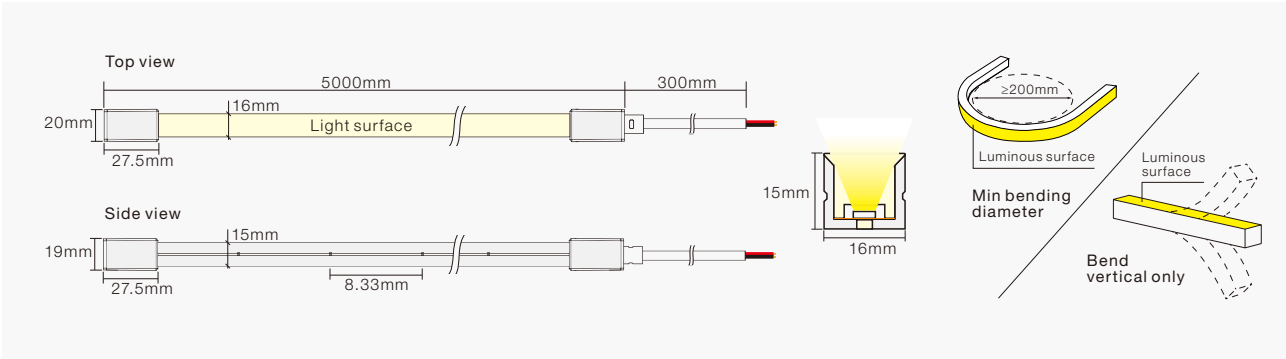
Part Number	CCT(K)	Low power(5w/m) (lm/m)	Medium power(10w/m) (lm/m)	High power(15w/m) (lm/m)
NS-S1220-MC-W27	2600-2800K	144.37	288.75	433.12
NS-S1220-MC-W30	2900-3100K	144.37	288.75	433.12
NS-S1220-MC-W40	3750-4350K	151.25	302.50	453.75
NS-S1220-MC-W60	5800-6500K	151.25	302.50	453.75

TOP / MINI CUTTING T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



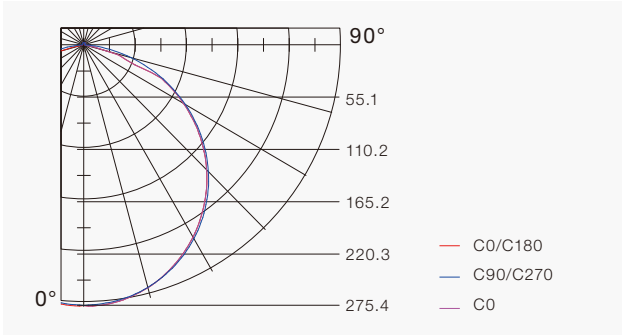
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 15W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m) (lm/m)	Medium power(10w/m) (lm/m)	High power(15w/m) (lm/m)
NS-T1615-MC-W27	2600-2800K	254.62	509.25	763.87
NS-T1615-MC-W30	2900-3100K	254.62	509.25	763.87
NS-T1615-MC-W40	3800-4300K	266.75	533.50	800.25
NS-T1615-MC-W60	5900-6400K	266.75	533.50	800.25

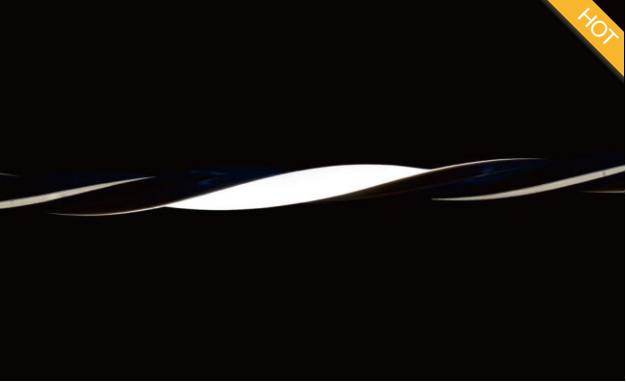
3D BEND SERIES

3D LED Neon Flex can be bent both horizontally and vertically, offering the versatility of a three-dimensional shape within the same product.

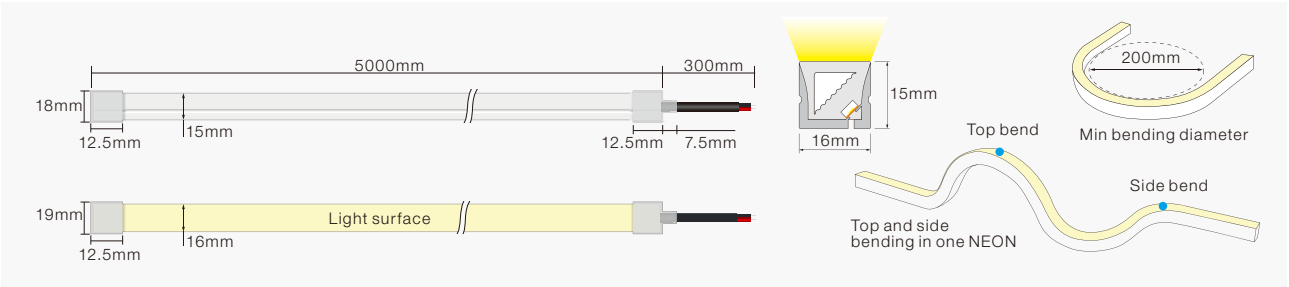


3D NEON 1615 LED NEON 24V

- Regular power 5W/m and10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6150K
- Top bending and side bending in one NEON



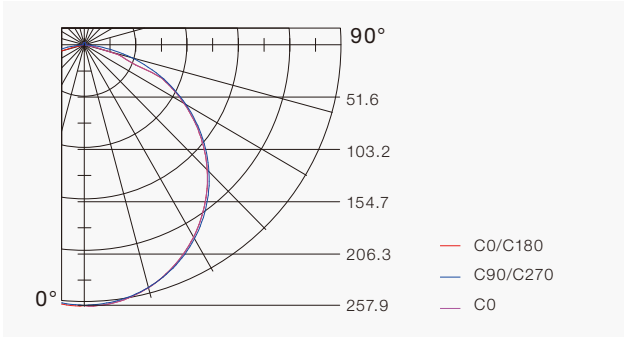
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm

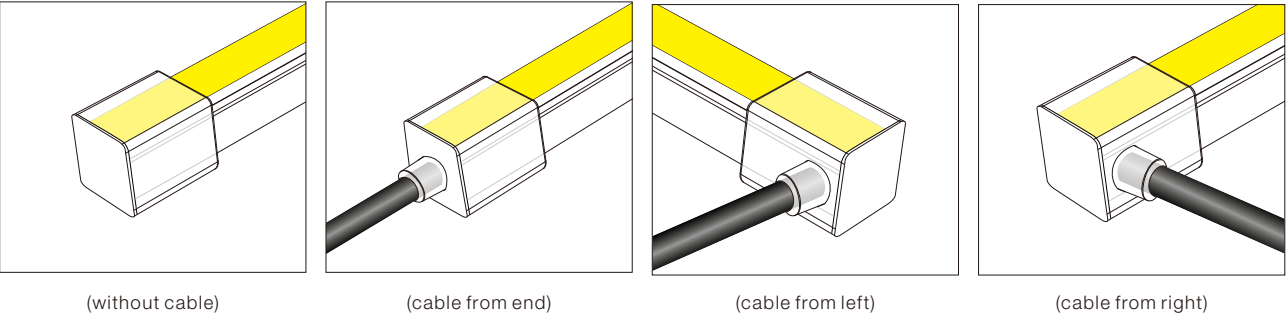
POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

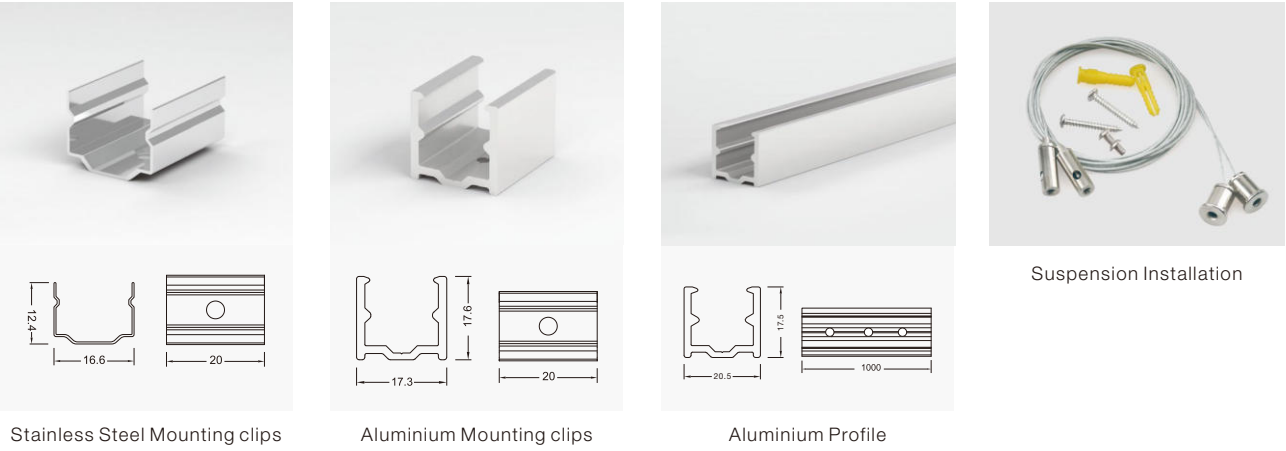
Part Number	CCT(K)	Low power(5w/m)		High power(10w/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-3D1615-W21	2000-2200K	316	5m	626	5m
NS-3D1615-W24	2300-2500K	330	5m	627	5m
NS-3D1615-W27	2600-2800K	357	5m	675	5m
NS-3D1615-W30	2900-3100K	372	5m	701	5m
NS-3D1615-W35	3400-3700K	384	5m	726	5m
NS-3D1615-W40	3800-4300K	385	5m	728	5m
NS-3D1615-W50	4800-5300K	391	5m	745	5m
NS-3D1615-W60	5900-6400K	387	5m	733	5m
NS-3D1615-R	Red(620-625nm)	151	5m	307	5m
NS-3D1615-G	Green(515-525nm)	320	5m	533	5m
NS-3D1615-B	Blue(460-465nm)	77	5m	144	5m
NS-3D1615-Y	Yellow(585-595nm)	128	5m	260	5m
NS-3D1615-P	Pink	255	5m	481	5m

CABLE OUTLET



ACCESSORY

Mounting accessories



Wire cable



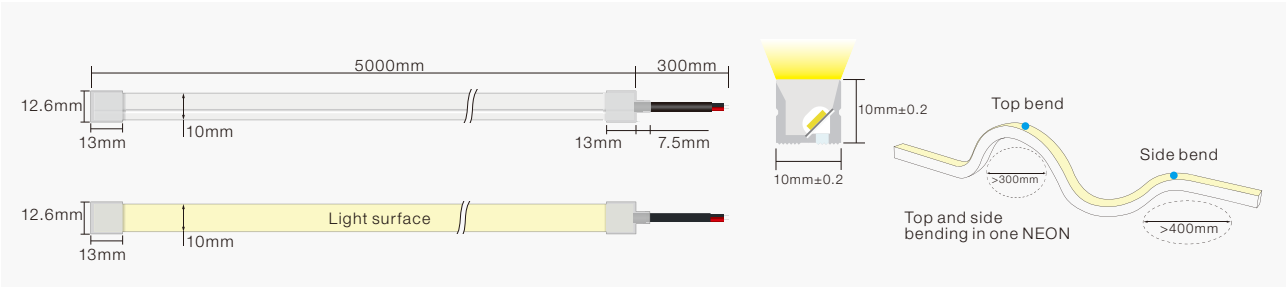
2PIN cable

3D NEON 1010 LED NEON 24V

- Regular power 5W/m, 10W/m
- Max length 5 meters with one end power
- Six CCT optional from 2700K to 6500K
- Top bending and side bending in one NEON



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C
CRI	>90

SPECIFICATION

Power	Min:5W/M;Max:10W/M
Efficacy@4000K	50.6lm/w
Max Ambient Temperature	45°C

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

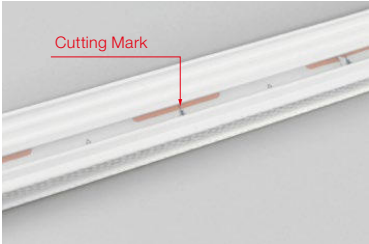
LENGTH STANDARD

Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
0M<Neon Strip≤5M	L+6	L+8	±7

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT(K)	Low power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-3D1010-W27	2700K±150	232	46.4	464	46.4	35.7	5(CV)	CC/CV
NS-3D1010-W30	3000K±150	243	48.6	486	48.6	35.7	5(CV)	CC/CV
NS-3D1010-W35	3500K±200	245.5	49.1	491	49.1	35.7	5(CV)	CC/CV
NS-3D1010-W40	4000K±300	253	50.6	506	50.6	35.7	5(CV)	CC/CV
NS-3D1010-W50	5000K±400	253	50.6	506	50.6	35.7	5(CV)	CC/CV
NS-3D1010-W65	6500K±500	246.5	49.3	493	49.3	35.7	5(CV)	CC/CV
NS-3D1010-R	Red	84	16.8	168	16.8	35.7	5(CV)	CC/CV
NS-3D1010-G	Green	222.5	44.5	445	44.5	35.7	5(CV)	CC/CV
NS-3D1010-B	Blue	47.5	9.5	95	9.5	35.7	5(CV)	CC/CV
NS-3D1010-Y	Yellow	55	11.0	110	11.0	35.7	5(CV)	CC/CV
NS-3D1010-O	Orange	73.5	14.7	147	14.7	35.7	5(CV)	CC/CV
NS-S0612T-P	Pink	185.5	37.1	371	37.1	35.7	5(CV)	CC/CV

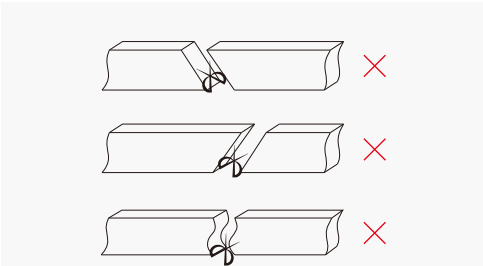
CUTTING



Remark:
The bottom of the led strip has transparent window,the black marker is the cutting position

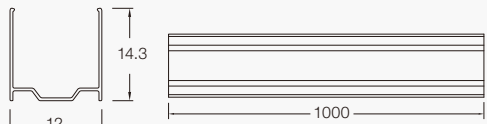
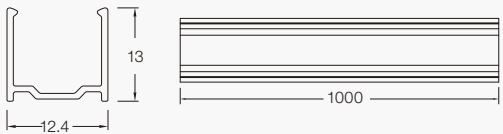


Use professional scissors to cut vertically at the cutting mark

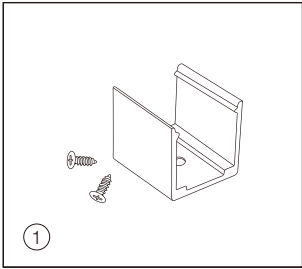


Please don't be feel free to cut and cut into an oblique angle or cambered section.

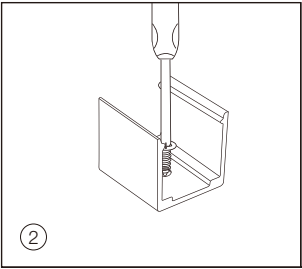
INSTALLATION ACCESSORY



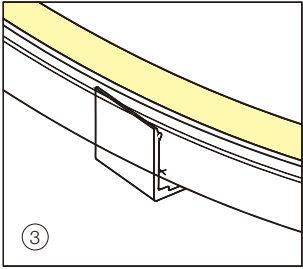
INSTALLATION



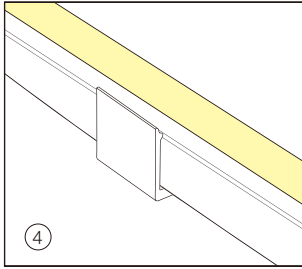
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.



Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



Fix NEON strip completely into the fixed clip.

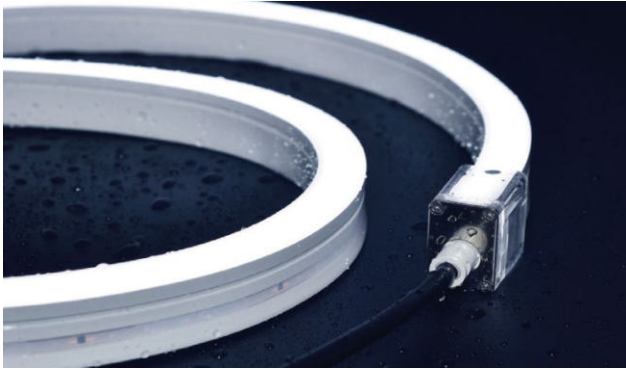
HIGH EFFICIENCY SERIES

This series leverages specialized optical structures and high efficiency light sources to attain unmatched luminous efficiency, delivering a powerful and efficient lighting solution.

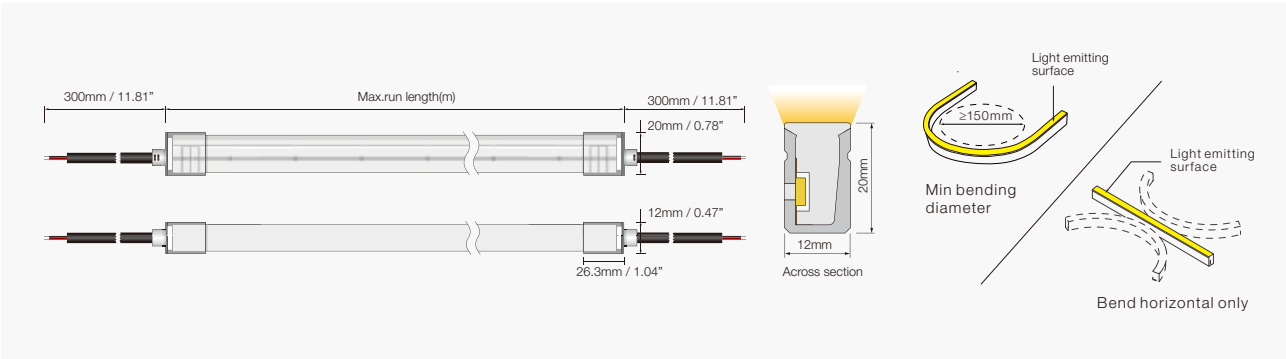


SIDE / HIGH EFFICIENCY S1220 NEON 24V

- Regular power 5W/m, 10W/m and 15W/m for option
- Max length 20 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



DIMENSIONS & WATERPROOF



Electrical Parameter

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

Specification

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	62 lm/w	61 lm/w	57 lm/w
Max Ambient Temperature	50°C	45°C	35°C

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

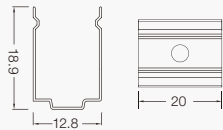
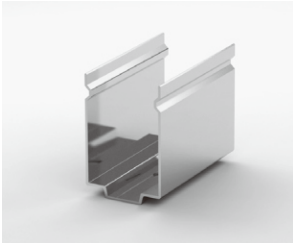
PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220H-W27	2600-2800K	50	CC/CV	275	20m	530	12m	750	8m
NS-S1220H-W30	2900-3100K	50	CC/CV	275	20m	530	12m	750	8m
NS-S1220H-W35	3300-3700K	50	CC/CV	300	20m	580	12m	795	8m
NS-S1220H-W40	3700-4300K	50	CC/CV	310	20m	610	12m	855	8m
NS-S1220H-W50	4700-5300K	50	CC/CV	300	20m	590	12m	825	8m
NS-S1220H-W60	5700-6300K	50	CC/CV	300	20m	590	12m	825	8m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

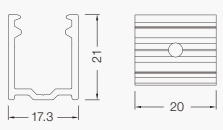
MOUNTING WAY

Stainless Steel Mounting clips



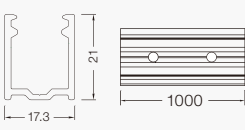
Dimension: 20x12.8x18.9mm

Aluminium Mounting clips



Dimension: 20x17.3x21mm

Aluminium Profile

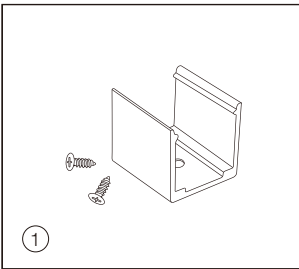


Dimension: 1000x17.3x21mm

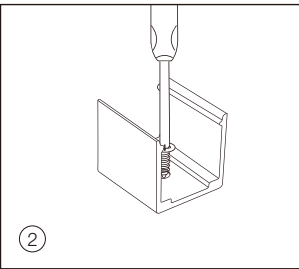
Suspension Installation



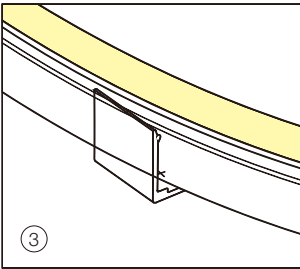
INSTALLATION



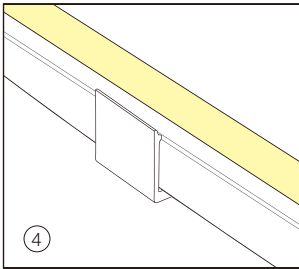
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

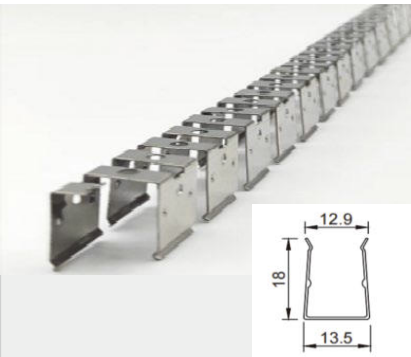


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



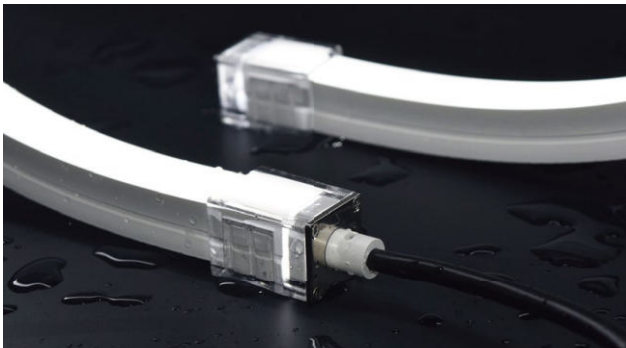
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

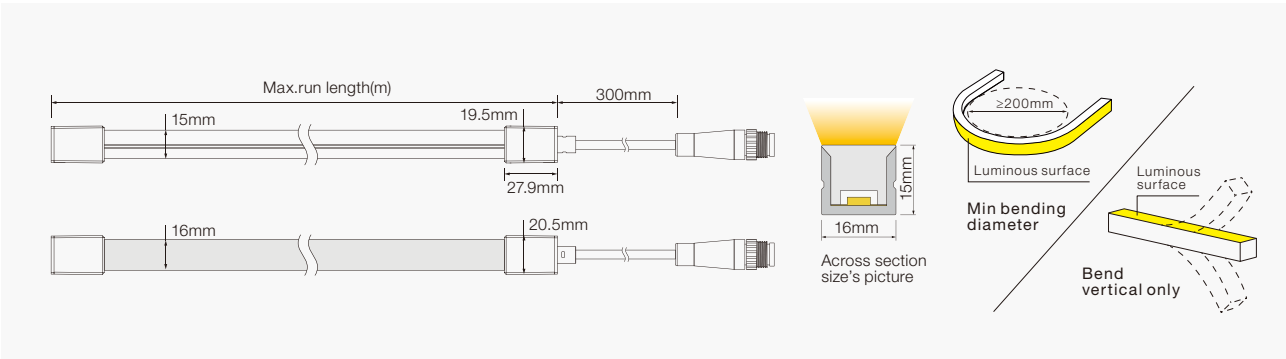


TOP / HIGH EFFICIENCY T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 20 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min. -25°C Max (Table below)
CRI	>90

SPECIFICATION

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	84 lm/w	82 lm/w	78 lm/w
Max Ambient Temperature	50°C	45°C	35°C

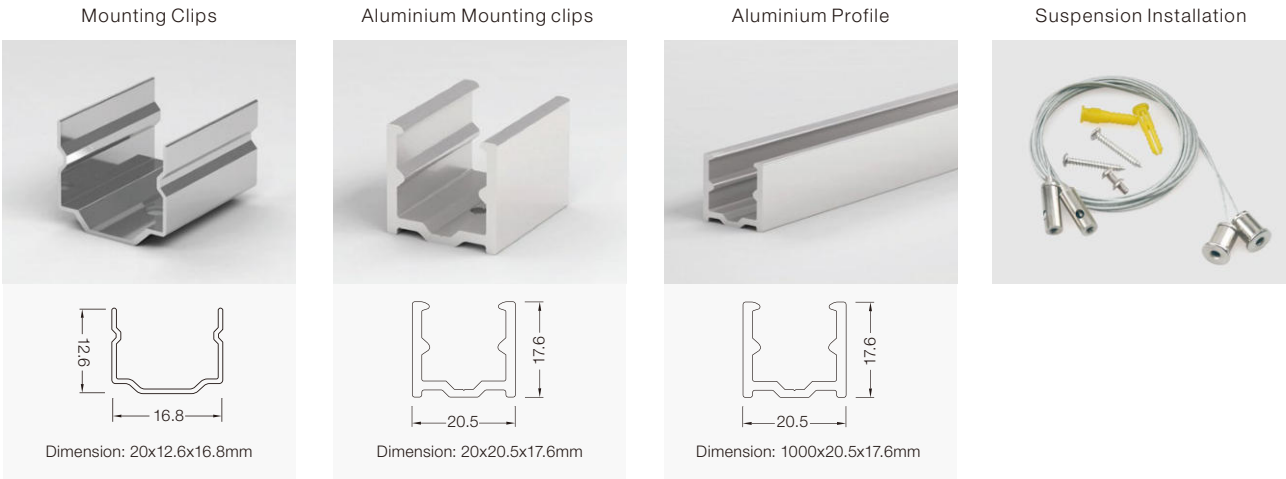
Due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%

PRODUCT PHOTOMETRICS

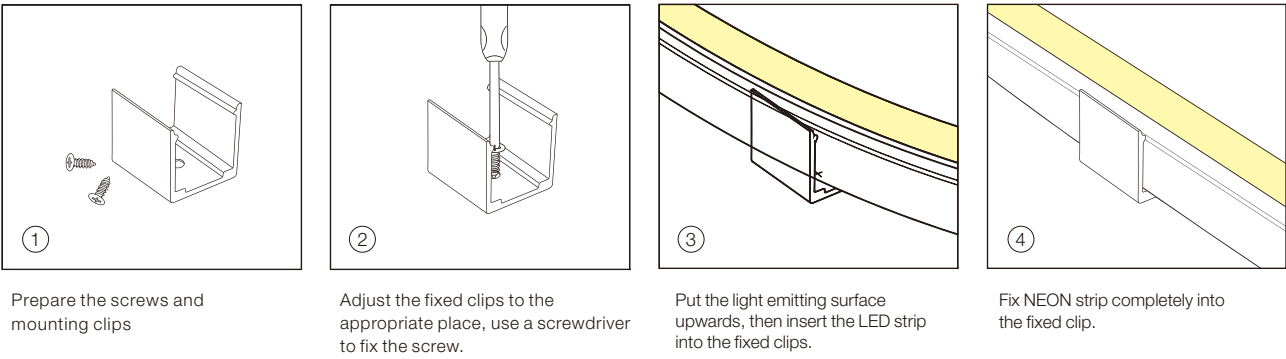
Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615H-W27	2600-2800K	50	CC/CV	375	20m	730	12m	1050	8m
NS-T1615H-W30	2900-3100K	50	CC/CV	390	20m	770	12m	1110	8m
NS-T1615H-W35	3300-3700K	50	CC/CV	430	20m	850	12m	1230	8m
NS-T1615H-W40	3700-4300K	50	CC/CV	420	20m	820	12m	1170	8m
NS-T1615H-W50	4700-5300K	50	CC/CV	455	20m	900	12m	1290	8m
NS-T1615H-W60	5700-6300K	50	CC/CV	450	20m	890	12m	1260	8m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

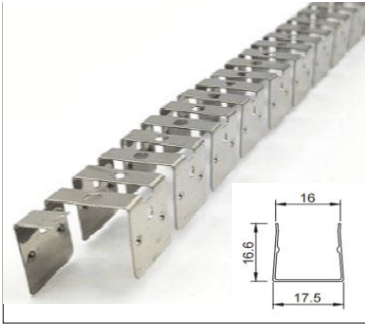
MOUNTING WAY



INSTALLATION



Curved Stainless Steel mounting profile



BLACK SERIES

The Black Series presents a refined black design with evenly distributed light output. It's a preferred choice among lighting designers, blending aesthetic appeal and performance.



SIDE / BLACK NEON S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Unique black silicone body
- Six CCT optional from 2100K to 4000K

2100k
2400k
2700k
3000k
3500k
4000k

2700k
~
5400k

R

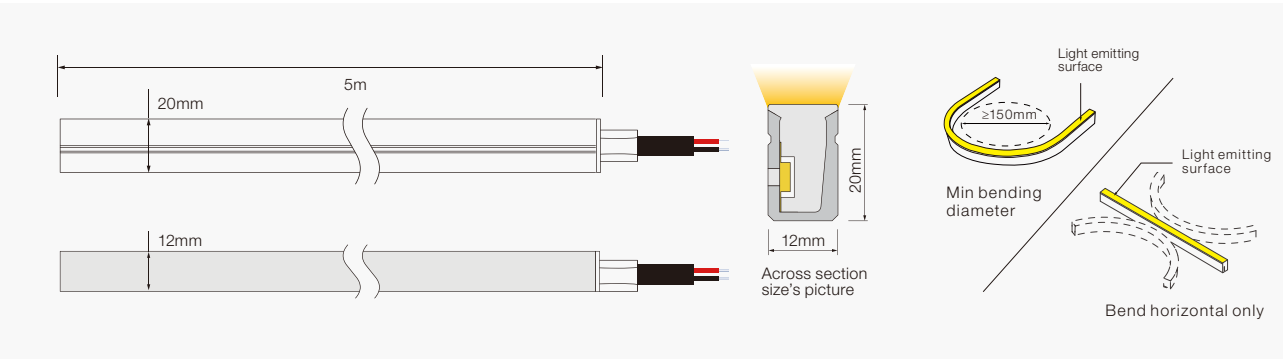
G

B

Y



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

SPECIFICATION

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	2 lm/w	1.87 lm/w	1.8 lm/w
Max Ambient Temperature	50°C	45°C	35°C

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

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220B-W21	2000-2200K	50	CV	9.1	5m	17.6	5m	23.8	5m
NS-S1220B-W24	2300-2500K	50	CV	9.2	5m	17.7	5m	24.1	5m
NS-S1220B-W27	2600-2800K	50	CV	8.6	5m	17.2	5m	23	5m
NS-S1220B-W30	2900-3100K	50	CV	9.1	5m	17.8	5m	24.2	5m
NS-S1220B-W35	3400-3700K	50	CV	9.2	5m	17.4	5m	24.9	5m
NS-S1220B-W40	3800-4300K	50	CV	10.1	5m	19.5	5m	26.6	5m
NS-S1220B-R	Red(620-625nm)	50	CV	4.5	5m	9.6	5m	12	5m
NS-S1220B-G	Green(515-525nm)	50	CV	7.5	5m	13.8	5m	16.5	5m
NS-S1220B-B	Blue(460-465nm)	50	CV	1.3	5m	2.5	5m	3.5	5m
NS-S1220B-Y	Yellow(585-595nm)	50	CV	3.2	5m	6.4	5m	9	5m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220B-TW	WW:2600-2800K	50	CV	4.6	5m	9.7	5m	12.9	5m
NS-S1220B-TW	CW:5100-5700K	50	CV	4.6	5m	9.5	5m	12.9	5m
NS-S1220B-TW	WW+CW:3800-4300K	50	CV	9.3	5m	19.2	5m	25.5	5m

RGB COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1220B-RGB	R	62.5	CV	1.3	5m	2.3	5m	3.2	5m
NS-S1220B-RGB	G	62.5	CV	2.7	5m	4.4	5m	5.7	5m
NS-S1220B-RGB	B	62.5	CV	0.4	5m	0.7	5m	0.9	5m
NS-S1220B-RGB	RGB	62.5	CV	4.4	5m	7.4	5m	9.5	5m

CAUTIONS

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration

materials or new furniture , possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

CUTTING MARK



Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position



Use professional scissors to cut vertically at the cutting mark

✓

Vertical cutting precisely in the exact cutting position of led strip.

✗

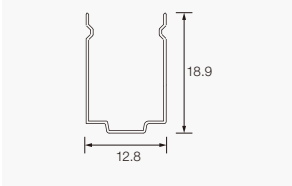
✗

✗

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

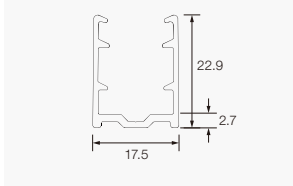
MOUNTING WAY

Stainless Steel Mounting clips



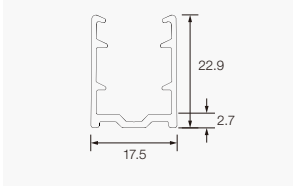
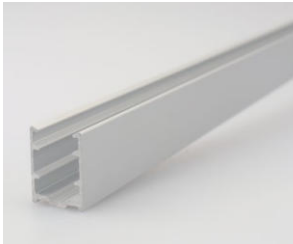
Dimension: 20x12.8x18.9mm

Aluminium Mounting clips



Dimension: 20 x 17.5 x 22.9mm

Aluminium Profile

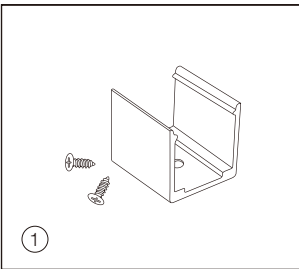


Dimension: 1000 x 17.5 x 22.9mm

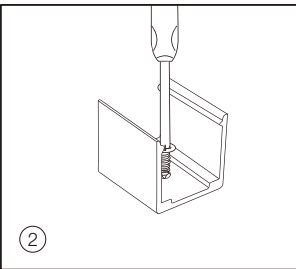
Suspension Installation



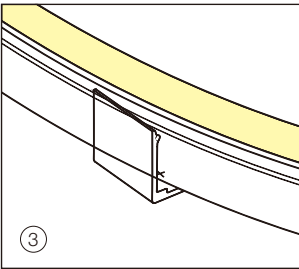
INSTALLATION



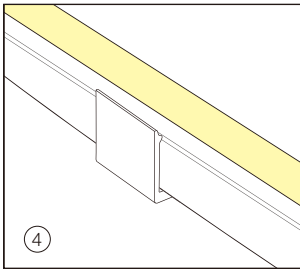
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

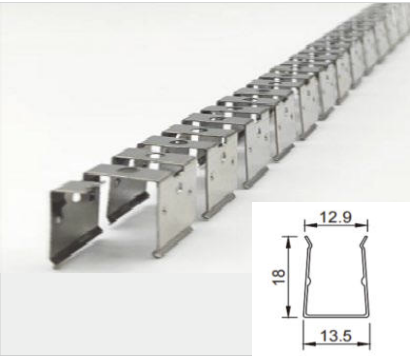


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



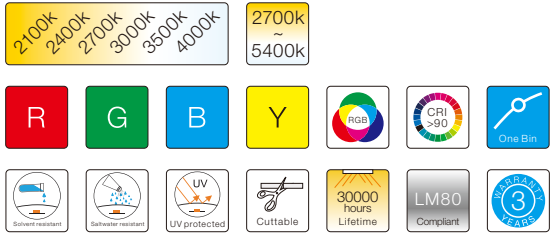
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

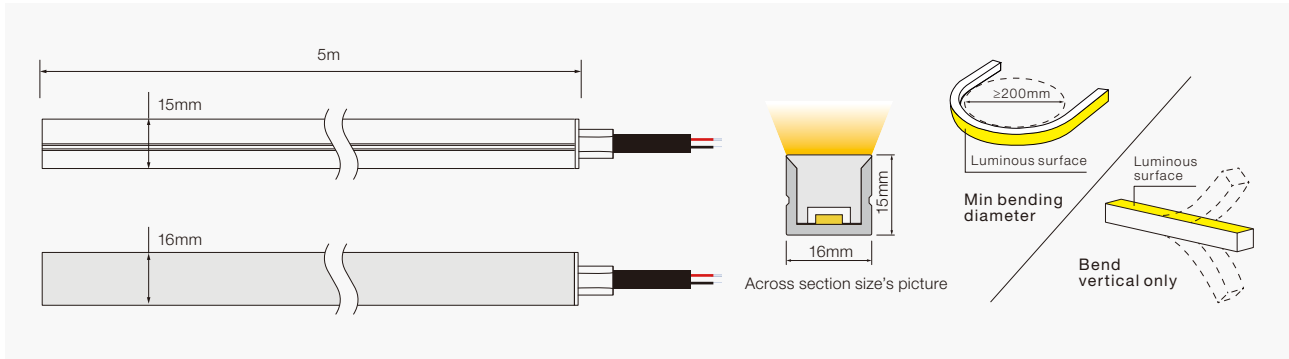


TOP / BLACK NEON T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Unique black silicone body
- Six CCT optional from 2100K to 4000K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min. -25°C Max (Table below)
CRI	>90

SPECIFICATION

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

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

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m) (max length)		Medium power(10w/m) (lm/m) (max length)		High power(15w/m) (lm/m) (max length)	
NS-T1615B-W21	2000-2200K	50	CV	10.3	5m	19.5	5m	27.8	5m
NS-T1615B-W24	2300-2500K	50	CV	11	5m	20.7	5m	29.4	5m
NS-T1615B-W27	2600-2800K	50	CV	11	5m	20.6	5m	29.4	5m
NS-T1615B-W30	2900-3100K	50	CV	11	5m	21.1	5m	30	5m
NS-T1615B-W35	3400-3700K	50	CV	10.8	5m	20.4	5m	29.3	5m
NS-T1615B-W40	3800-4300K	50	CV	10.9	5m	20.7	5m	29.6	5m
NS-T1615B-R	Red(620-625nm)	50	CV	5.8	5m	11.5	5m	17.3	5m
NS-T1615B-G	Green(515-525nm)	50	CV	7	5m	11.3	5m	21	5m
NS-T1615B-B	Blue(460-465nm)	50	CV	1.5	5m	1.5	5m	1.5	5m
NS-T1615B-Y	Yellow(585-595nm)	50	CV	4.9	5m	9.6	5m	14.6	5m
NS-T1615B-P	Pink	50	CV	9.1	5m	17	5m	27.2	5m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615B-TW	WW:2600-2800K	50	CV	5.4	5m	10.6	5m	15.2	5m
NS-T1615B-TW	CW:5100-5700K	50	CV	5.5	5m	10.7	5m	15.4	5m
NS-T1615B-TW	WW+CW:3800-4300K	50	CV	10.1	5m	20.9	5m	30.5	5m

RGB COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
				(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615B-RGB	R	62.5	CV	1.8	5m	3.2	5m	3.9	5m
NS-T1615B-RGB	G	62.5	CV	3.3	5m	5.2	5m	4.8	5m
NS-T1615B-RGB	B	62.5	CV	0.7	5m	0.9	5m	1.2	5m
NS-T1615B-RGB	RGB	62.5	CV	5.3	5m	8.7	5m	11.9	5m

CAUTIONS

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration

materials or new furniture , possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

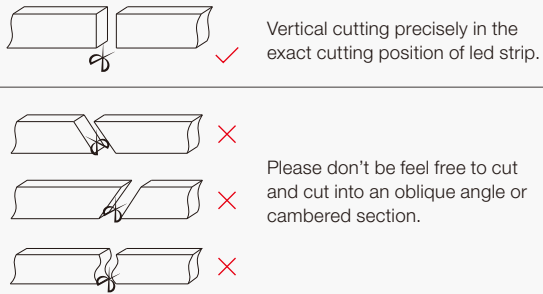
CUTTING MARK



Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position

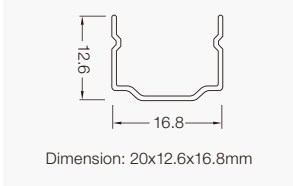
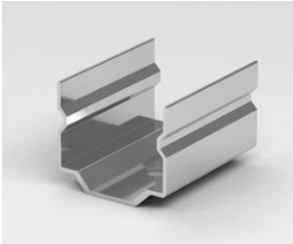


Use professional scissors to cut vertically at the cutting mark

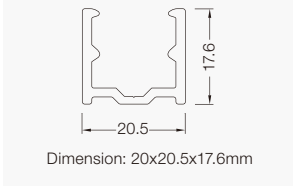


MOUNTING WAY

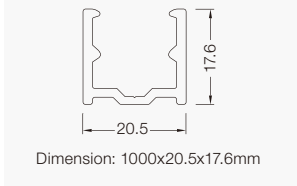
Stainless Steel Mounting clips



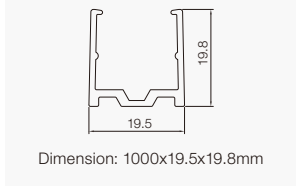
Aluminium Mounting clips



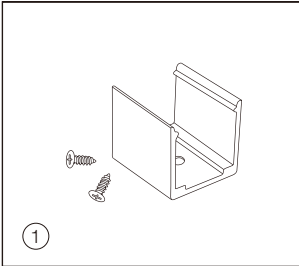
Aluminium Profile



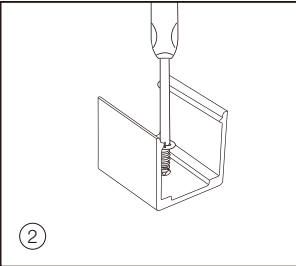
Transparent plastic groove



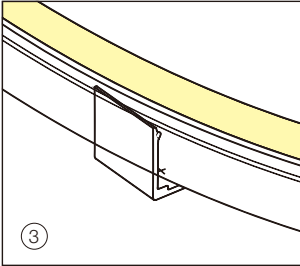
INSTALLATION



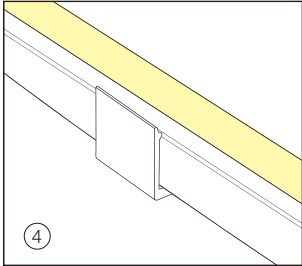
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

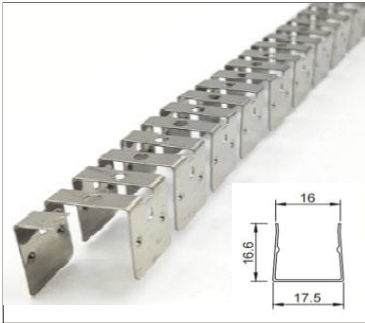


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



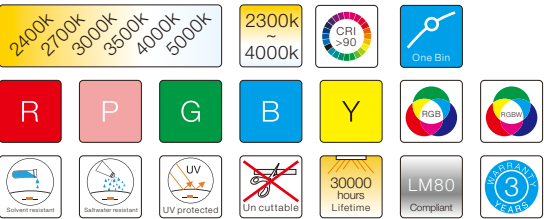
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

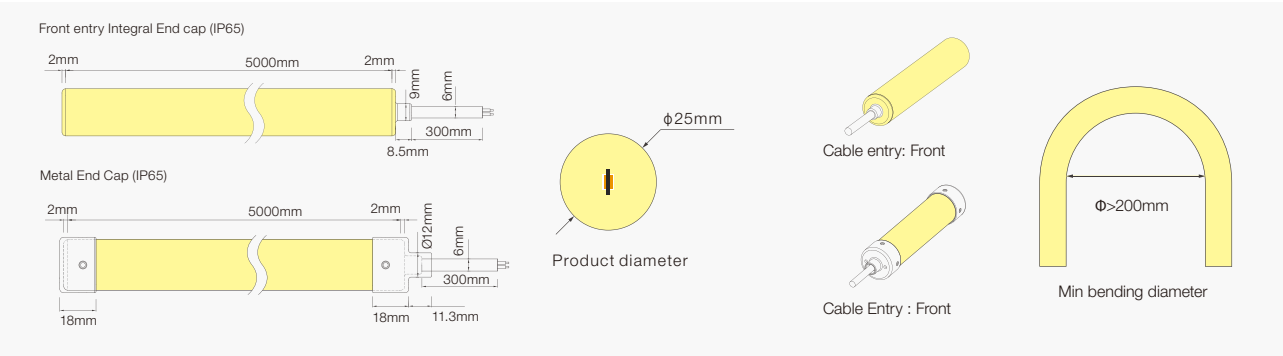


BLACK 360° SILICONE NEON ND25B 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Unique black silicone body for easy blending in various settings
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF

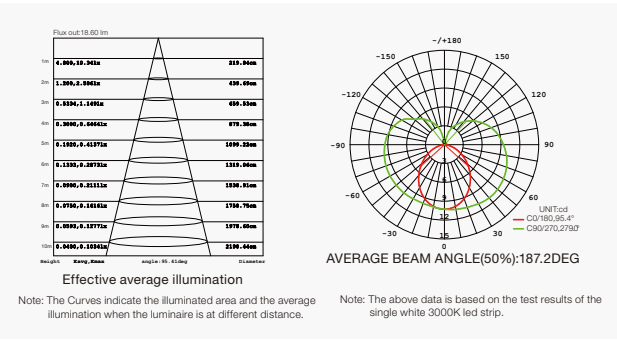


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm
RGBW color	50mm

Note: Only support factory-customized length, not on-site cutting!

LIGHT DISTRIBUTION CURVE



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25B-W24	2300-2500K	37	5m	75	5m
NS-ND25B-W27	2600-2800K	38	5m	78	5m
NS-ND25B-W30	2900-3100K	40	5m	83	5m
NS-ND25B-W35	3300-3700K	39	5m	82	5m
NS-ND25B-W40	3700-4300K	39	5m	80	5m
NS-ND25B-W50	4700-5300K	37	5m	75	5m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25B-TW	2300 (WW)	16	5m	33	5m
NS-ND25B-TW	4000 (W)	15	5m	31	5m
NS-ND25B-TW	3000(WW+W)	31	5m	64	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		High power(10W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)
NS-ND25B-R	Red(620-630nm)	19	5m	40	5m
NS-ND25B-G	Green(520-530nm)	38	5m	73	5m
NS-ND25B-B	Blue(465-475nm)	4.6	5m	12	5m
NS-ND25B-Y	Yellow(585-595nm)	14	5m	29	5m
NS-ND25B-P	Pink	30	5m	62	5m
NS-ND25B-RGB	RGB	14.4	5m	21	5m
		(16w/m)		CRI(Ra)	
NS-ND25B-RGBW	RGBW	54.4	5m	90	

White color CCT: 2200±100/2700±100/3000±100/4000±200/4500±200

PRODUCT ACCESSORIES INFORMATION



Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips, Tapping screws, Expandable rubber plugs



Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Name: ND25 -" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws



Name: ND25 -" type hanging mounting with PC profile
Model: ND25-IA04
Attachment: Transparent PC mounting profile, Kit of hanging rope, Screws



Name: ND25 -" type hanging mounting
Model: ND25-IA05
Attachment: Kit of" type hanging mounting, Tapping screws, Expandable rubber plugs



Name: ND25 -" type hanging mounting
Model: ND25-IA06
Attachment: Kit of" type hanging mounting, Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION



Name: ND25 - "I" type hanging mounting with rope
Model: ND25 - IA07
Attachment: Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet
Tapping screws



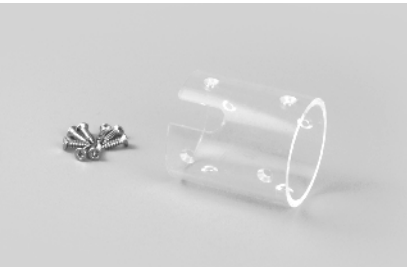
Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws



Name: ND25 - "—" type adjustable hanging mounting with closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Name : ND25 - "—" type adjustable hanging mounting with concealed PC clips
Model : ND25-IA17
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector



Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment:"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Name : ND25 - "—" type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Name: R25 - Surface mounting with concealed PC clips
Model: R25-IA12
Attachment: Transparent PC pedestals with two holes,Transparent PC pedestals with five holes, Tapping screws,Tapping screws, Expandable rubber plugs



Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector



Name: ND25 transparent connector
Mode: ND25-IA20
Attachment: Screws , PMMA transparent connector



Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope
Expandable rubber plugs, Tapping screws, PMMA transparent connector



Name: ND25-"—" type hanging mounting with concealed PC clips
Model: ND25-IA13
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Name: ND25-"—" type adjustable hanging mounting with open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Name : ND25 - "—" type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod



Name: ND25-Horizontal hanging circular tube 1M
Model: ND25-IA22
Attachnent: Screws, Kit of hanging rope
Expandable rubber plugs, Tapping screws, PMMA transparent circular tube



Name: ND25-Horizontal hanging circular tube 2M
Model: ND25-IA23
Attachment: Screws, Kit of hanging rope
Expandable rubber plugs , Tapping screws, PMMA transparent circular tube ;

WING-DESIGNED SERIES

This series showcases a seamless design with no installation gaps, offering a perfect fit within any space. Its unique wing design is cost-efficient and integrates smoothly with the surrounding environment.



WING-DESIGNED NEON

S1220T 24V SIDE VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2700K to 6000K
- 3 years warranty, working life >30000 hours;

2400k2700k3000k4000k6000k

2700k~6000k

RGB

Warm

DMX

R

P

G

B

Y

CRI>90

One Step

Water resistant

Saltwater resistant

UV protected

Cuttable

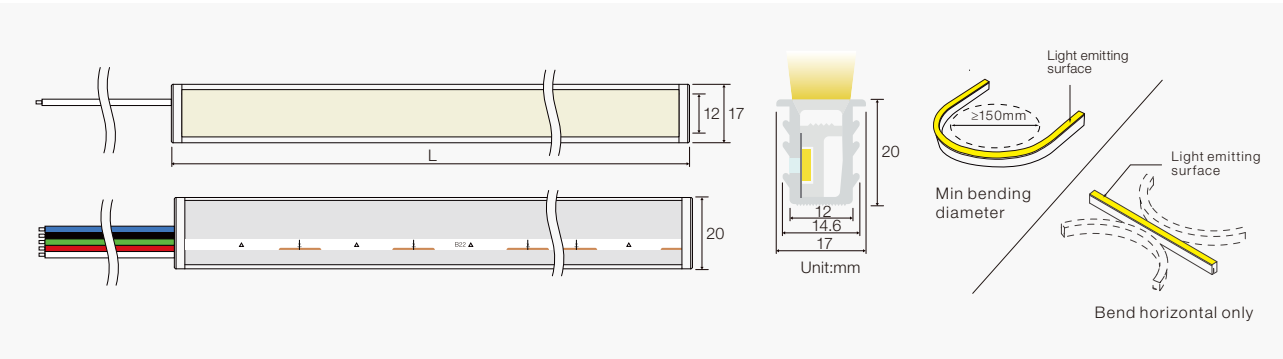
50000 hours Lifetime

LM80 Compliant

3 Years Warranty



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V	Length Range(m)	Final Length(mm)	Tolerance(mm)
CRI/Ra	>90	0m<Length≤5m	L+6	±7
Ambient temperature	-25°C~45°C	5m<Length≤10m	L+6	±10
		10m<Length≤15m	L+6	±13
		15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220T-W24	2350-2550K	10	37.4	374	50	17
NS-S1220T-W27	2600-2800K	10	36.5	365	50	17
NS-S1220T-W30	2850-3150K	10	37.0	370	50	17
NS-S1220T-W40	3800-4200K	10	40.7	407	50	17
NS-S1220T-W60	5600-6100K	10	37.8	378	50	17

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220T-TW	2600-2800K	5	45.2	226	71.4	5
NS-S1220T-TW	5700-6200K	5	48.2	241	71.4	5
NS-S1220T-TW	3800-4200K	10	46.2	462	71.4	5

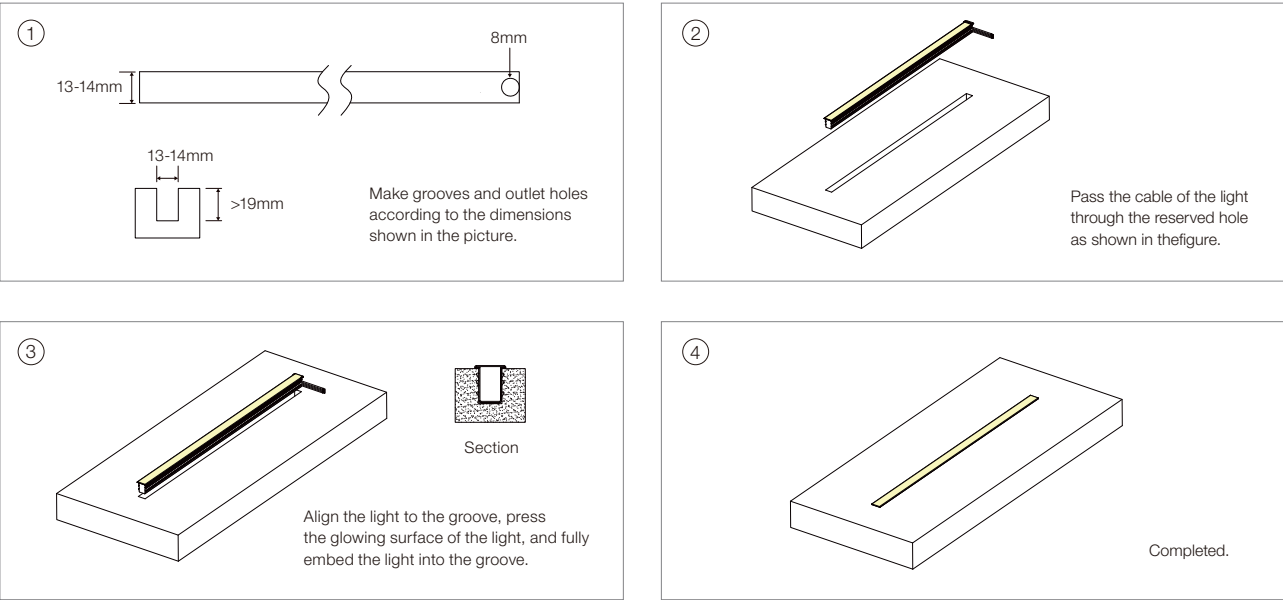
RGBW COLOR PARAMETERS(RGB+4000K)

Color(nm)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
Red	N/A	2.5	13.6	34	83.33	5
Green	N/A	2.5	53.6	134	83.33	5
Blue	N/A	2.5	11.6	29	83.33	5
4000K	>90	2.5	46.8	117	83.33	5
RGB	N/A	7.5	26.4	198	83.33	5
RGBW	N/A	10	31.6	316	83.33	5

CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		20AWG Red& Black2-core Cable		RedV+, BlackV-
		20AWG Brown& White& Yellow 3-core Cable		Dual-White: BrownV+, WhiteW, YellowWW
		20AWG Red& Green& Black 3-core Cable		Digital RGB: RedV+, GreenDI, BlackGND
		20AWG Black& Blue& Red& Green 4-core Cable		Black V+, Blue B, Red R, Green G
		20AWG Black& White& Blue& Green & Red5-core Cable		Black V+, White W, Blue B, GreenG, Red R
		20AWG Black& White& Blue& Green & Red5-core Cable		DMX512Digital RGB: Black GND, White BI/BO, Blue AI/AO, Green PI/PO, Red V+

INSTALLATION



WING-DESIGNED NEON

T1615T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2400K to 6000K
- 3 years warranty, working life >30000 hours;

2400k2700k3000k4000k6000k

2700k~6000k

RGB

Warm

DMX

R

P

G

B

Y

CRI>90

One Bin

Water resistant

Saline water resistant

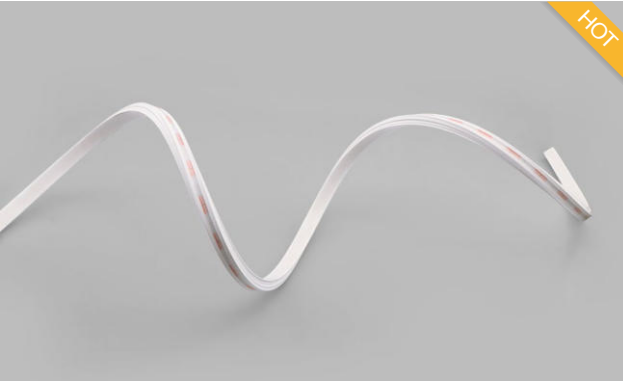
UV protected

Cuttable

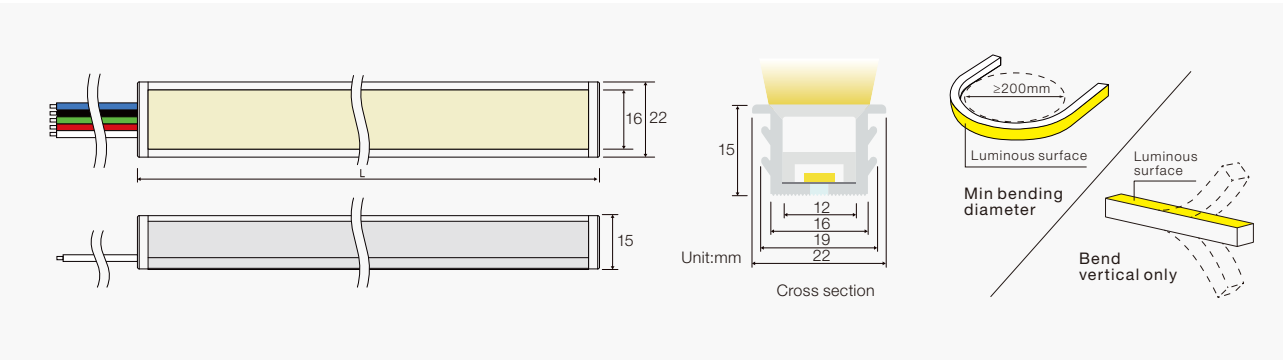
50000 hours Lifetime

LM80 Compliant

3 Years Warranty



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V	Length Range(m)	Final Length(mm)	Tolerance(mm)
CRI/Ra	>90	0m<Length≤5m	L+6	±7
Ambient temperature	-25°C~45°C	5m<Length≤10m	L+6	±10
		10m<Length≤15m	L+6	±13
		15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615T-W24	2300-2500K	10	488	48.8	50	17
NS-T1615T-W27	2500-2700K	10	560	56.0	50	17
NS-T1615T-W30	2900-3200K	10	607	60.7	50	17
NS-T1615T-W40	3900-4300K	10	663	66.3	50	17
NS-T1615T-W60	5700-6300K	10	630	63.0	50	17

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615T-TW	2600-2800K	5	69.6	348	71.4	5
NS-T1615T-TW	6000-6600K	5	73.2	366	71.4	5
NS-T1615T-TW	3700-4300K	10	67.4	674	71.4	5

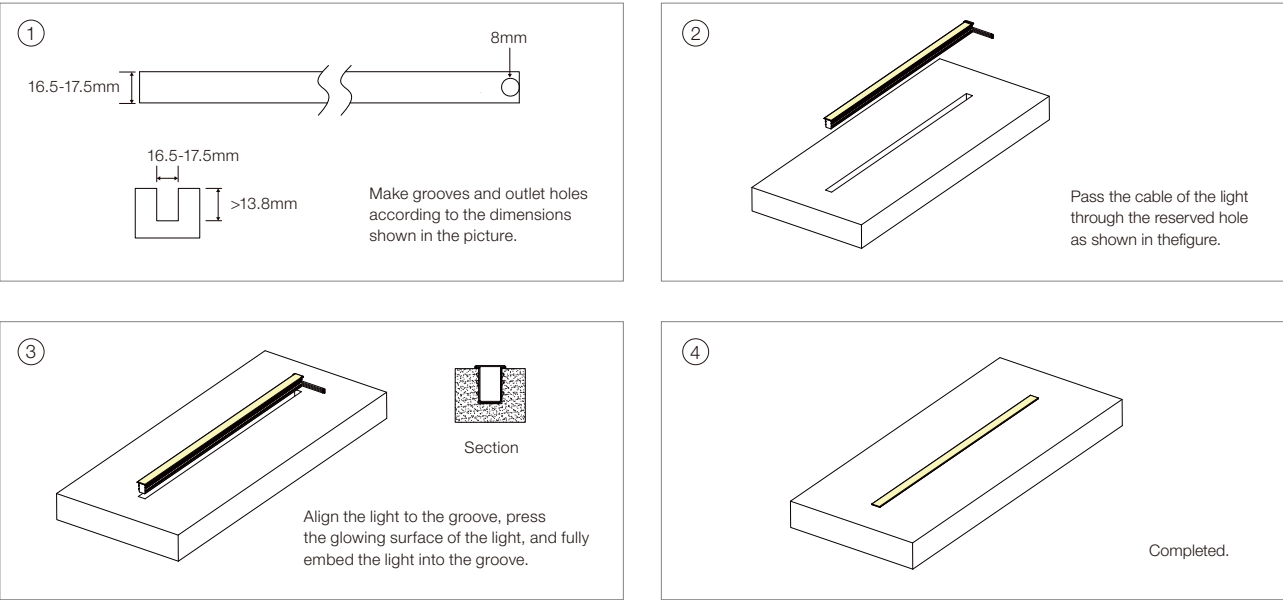
RGBW COLOR PARAMETERS(RGB+4000K)

Color(nm)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
Red	N/A	2.5	22.0	55	83.33	5
Green	N/A	2.5	87.2	218	83.33	5
Blue	N/A	2.5	18.4	46	83.33	5
4000K	>90	2.5	74.8	187	83.33	5
RGB	N/A	7.5	42.5	319	83.33	5
RGBW	N/A	10	50.3	503	83.33	5

CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		20AWG Red& Black2-core Cable		RedV+, BlackV-
		20AWG Brown& White& Yellow 3-core Cable		Dual-White: BrownV+, WhiteW, YellowWW
		20AWG Red& Green& Black 3-core Cable		Digital RGB: RedV+, GreenDI, BlackGND
		20AWG Black& Blue&Red& Green 4-core Cable		Black V+, Blue B, Red R, Green G
		20AWG Black& White& Blue& Green & Red5-core Cable		Black V+, White W, Blue B, GreenG, Red R
		20AWG Black& White& Blue& Green & Red5-core Cable		DMX512Digital RGB: Black GND, White BI/BO, Blue AI/AO, Green PI/PO, Red V+

INSTALLATION



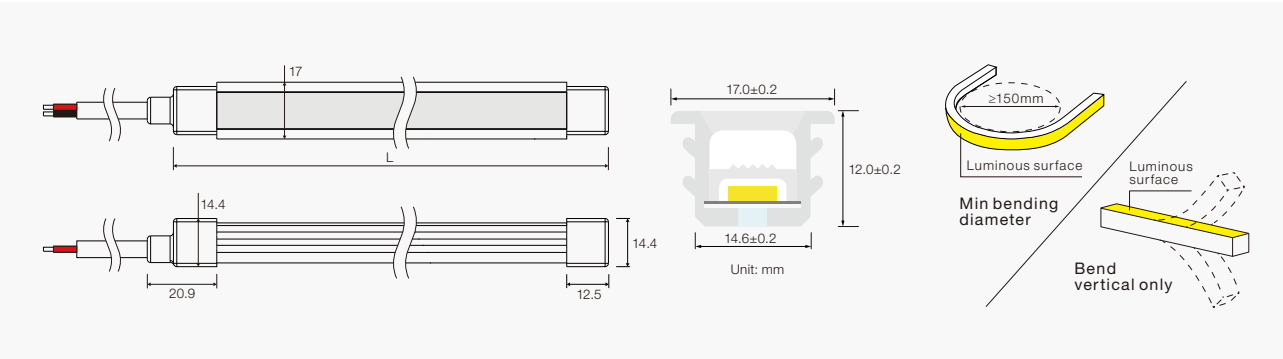
WING-DESIGNED NEON

T1212T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2400K to 6500K
- 3 years warranty, working life >30000 hours;



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V	Length Range(m)	Final Length(mm)	Tolerance(mm)
CRI/Ra	>90	0m<Length≤5m	L+6	±7
Ambient temperature	-25°C~45°C	5m<Length≤10m	L+6	±10
		10m<Length≤15m	L+6	±13
		15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-W24	2400K±150	10	48.8	488	50	13
NS-T1212T-W27	2700K±150	10	51.4	514	50	13
NS-T1212T-W30	3000K±150	10	53.6	536	50	13
NS-T1212T-W40	4000K±300	10	57.1	571	50	13
NS-T1212T-W65	6500K±500	10	58.5	585	50	13

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-R	Red(620-625nm)	10	24.7	247	50	13
NS-T1212T-G	Green(515-525nm)	10	60.3	603	50	13
NS-T1212T-B	Blue(460-465nm)	10	13.7	137	50	13
NS-T1212T-Y	Yellow(585-595nm)	10	17.9	179	50	13
NS-T1212T-O	Orange	10	25.1	251	50	13
NS-T1212T-P	Pink	10	47.3	473	50	13

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-TW	2700K±150	5	53.9	270	62.5	5
NS-T1212T-TW	6500K±500	5	60.4	302	62.5	5
NS-T1212T-TW	4000K ⁺⁴⁰⁰ ₋₂₀₀	10	57.0	570	62.5	5

RGB COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-RGB	Red(620-625nm)	3.3	16.7	55	50	5
NS-T1212T-RGB	Green(515-525nm)	3.3	52.1	172	50	5
NS-T1212T-RGB	Blue(460-465nm)	3.3	9.9	33	50	5
NS-T1212T-RGB	RGB	10	26.5	265	50	5

SPI RGB COLOR PARAMETERS

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-T1212T-RGB-WS2811	Red	4.8	13.0	62	100	10	WS2811
NS-T1212T-RGB-WS2811	Green	4.8	39.2	188	100	10	WS2811
NS-T1212T-RGB-WS2811	Blue	4.8	7.1	34	100	10	WS2811
NS-T1212T-RGB-WS2811	RGB	12.5	22.2	277	100	10	WS2811

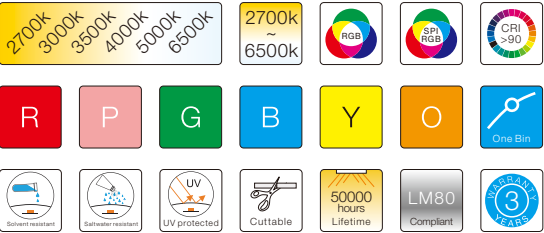
CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG		Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG		Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG		Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto		Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto		Black V+, White W, Yellow WW
		OD: 5.5mm /Inner core: 20AWG M12Male / Female connecto		Black V+, Blue B, Green GR, ed R
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto		SPI: Red V+, Green DI/DO, Black V-

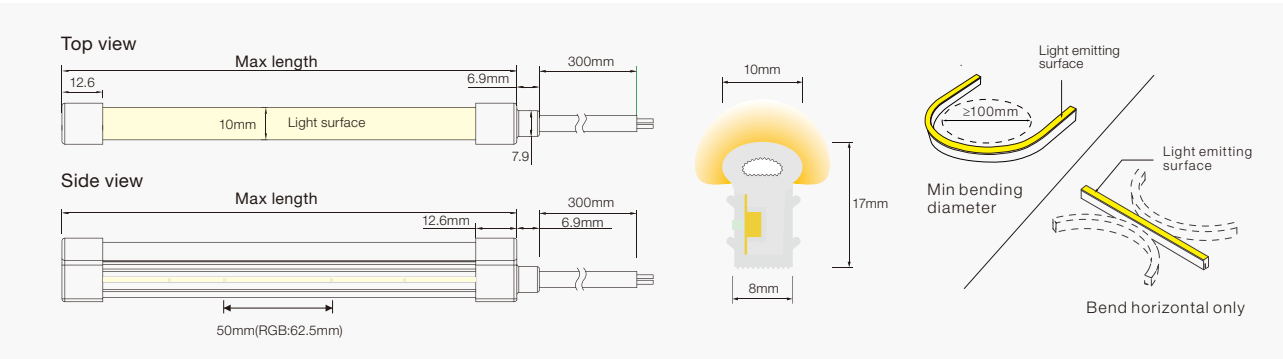
WING-DESIGNED NEON

S0817T 24V SIDE VIEW

- “wing-designed”, no need mounting profiles
- Max length 13 meters with one end power
- Six CCT optional from 2700K to 6500K
- 3 years warranty, working life >30000 hours;



DIMENSIONS & WATERPROOF

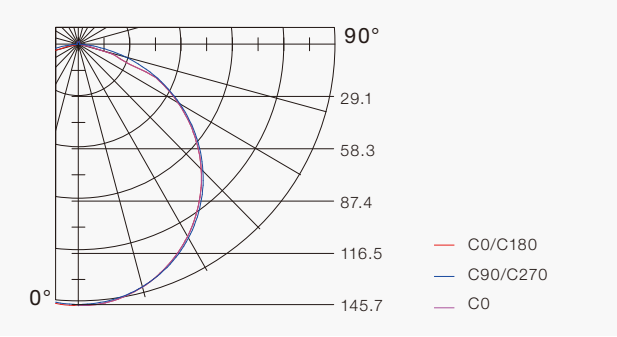


PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	62.5mm
RGB color	50mm
SPI RGB color	100mm

POLAR CURVE

(The data base on 10W 6500K)



PRODUCT PHOTOMETRICS

Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-RS0817-W27	2700K±150	34.0	340	50	17(CC)	CC/CV
NS-RS0817-W30	3000K±150	35.9	359	50	17(CC)	CC/CV
NS-RS0817-W35	3500K±200	36.8	368	50	17(CC)	CC/CV
NS-RS0817-W40	4000K±300	40.5	405	50	17(CC)	CC/CV
NS-RS0817-W50	5000K±400	40.0	408	50	17(CC)	CC/CV
NS-RS0817-W65	6500K±500	39.4	414	50	17(CC)	CC/CV
NS-RS0817-R	Red	18.5	185	50	18(CC)	CC/CV
NS-RS0817-G	Green	45.3	453	50	17(CC)	CC/CV

PRODUCT PHOTOMETRICS

Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-RS0817-B	Blue	10.5	105	50	17(CC)	CC/CV
NS-RS0817-Y	Yellow	13.8	138	50	18(CC)	CC/CV
NS-RS0817-O	Orange	18.6	186	50	18(CC)	CC/CV
NS-RS0817-P	Pink	34.7	347	50	17(CC)	CC/CV

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S0817T-TW	2700K±150	5	35.1	175.3	62.5	5
NS-S0817T-TW	6500K±500	5	39.5	197.5	62.5	5
NS-S0817T-TW	4000K±300	10	37.1	371.4	62.5	5

RGB COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S0817T-RGB	Red(620-625nm)	3.3	11.1	37	50	5
NS-S0817T-RGB	Green(515-525nm)	3.3	34.3	113	50	5
NS-S0817T-RGB	Blue(460-465nm)	3.3	6.2	20	50	5
NS-S0817T-RGB	RGB	10	17.5	175	50	5

SPI RGB COLOR PARAMETERS

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S0817T-RGB-WS2811	Red	4.8	8.3	40	100	10	WS2811
NS-S0817T-RGB-WS2811	Green	4.8	25.1	121	100	10	WS2811
NS-S0817T-RGB-WS2811	Blue	4.8	4.4	21	100	10	WS2811
NS-S0817T-RGB-WS2811	RGB	12.5	14.2	177	100	10	WS2811

CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG	●●●●	Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto	●●	Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm /Inner core: 20AWG M12Male / Female connecto	●●●●	Black V+, Blue B, Green GR, ed R
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●●●●●	SPI: Red V+, Green DI/DO, Black V-

WING-DESIGNED NEON

T0606T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 5 meters with one end power
- Five CCT optional from 2400K to 6500K
- 3 years warranty, working life >30000 hours

2400k2700k3000k4000k6500k

2700k~6500k

R

P

G

B

Y

CRI>90

Dimmable

Waterproof

Saline water resistant

UV protected

Cuttable

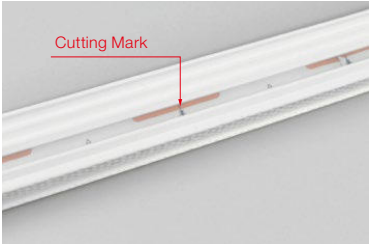
50000 hours Lifetime

LM80 Compliant

3 Years Warranty



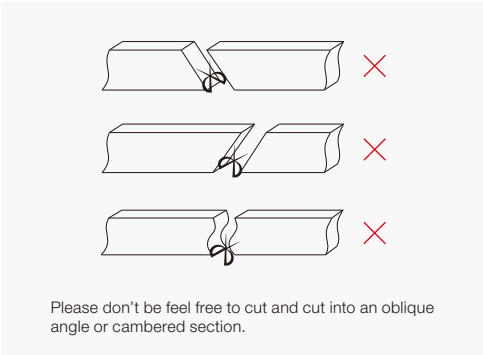
CUTTING



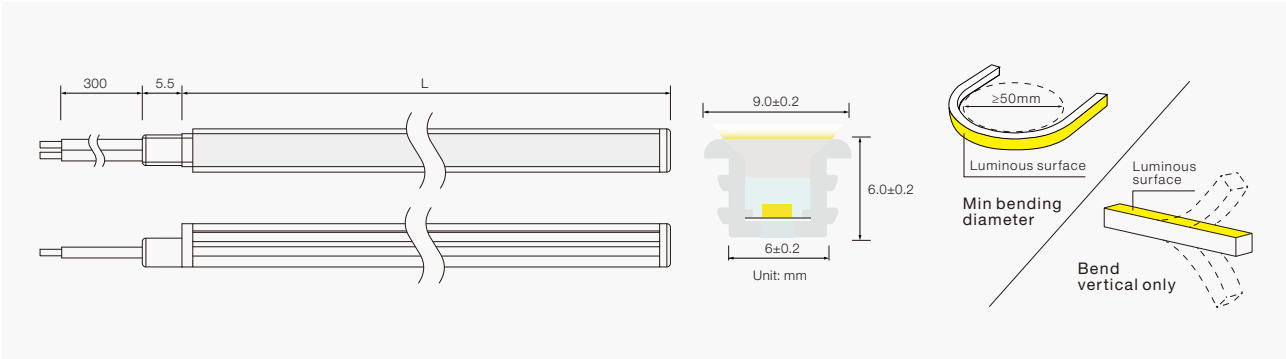
Remark:
The bottom of the led strip has transparent window,the black marker is the cutting position



Use professional scissors to cut vertically at the cutting mark



DIMENSIONS & WATERPROOF



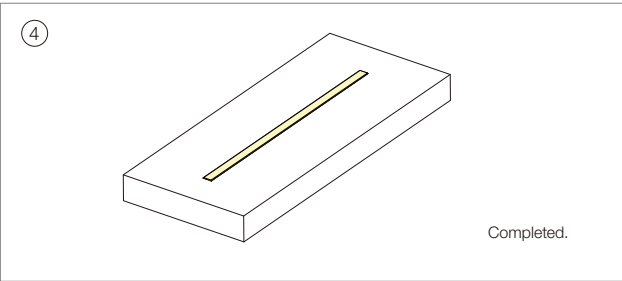
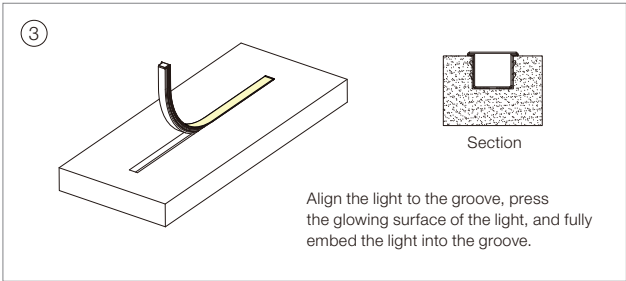
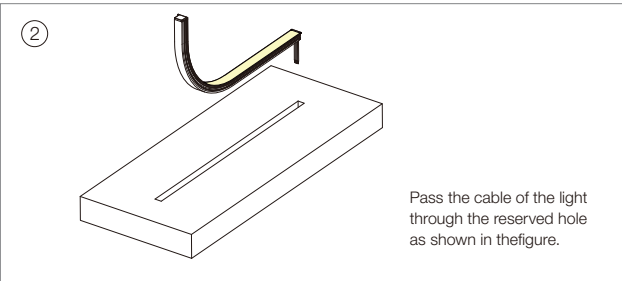
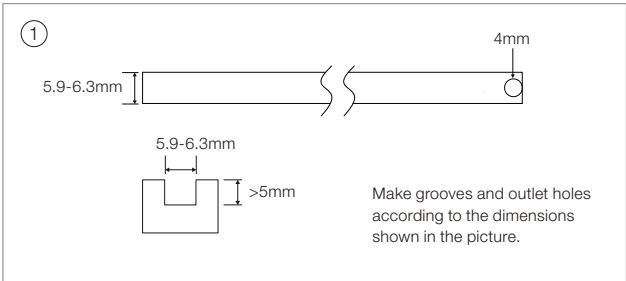
PRODUCT SPECIFICATION

Voltage	DC24 V	Length Range(m)	Final Length(mm)	Tolerance(mm)
CRI/Ra	>90	0m<Length≤5m	L+6	±7
Ambient temperature	-25°C~60°C	5m<Length≤10m	L+6	±10
		10m<Length≤15m	L+6	±13
		15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T0606T-W24	2400K±150	6	70.2	421.2	25	5
NS-T0606T-W27	2700K±150	6	73.3	439.8	25	5
NS-T0606T-W30	3000K±150	6	73.8	442.8	25	5
NS-T0606T-W40	4000K±300	6	78.4	470.4	25	5
NS-T0606T-W65	6500K±500	6	69.2	415.2	25	5

INSTALLATION



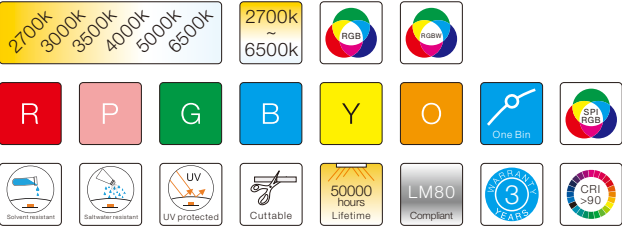
DOUBLE-SIDE EMITTING SERIES

This series of LED neon lights casts illumination in two directions, making it ideal for creating ambient lighting effects. Reinvent your spaces with its unique bi-directional lighting feature.

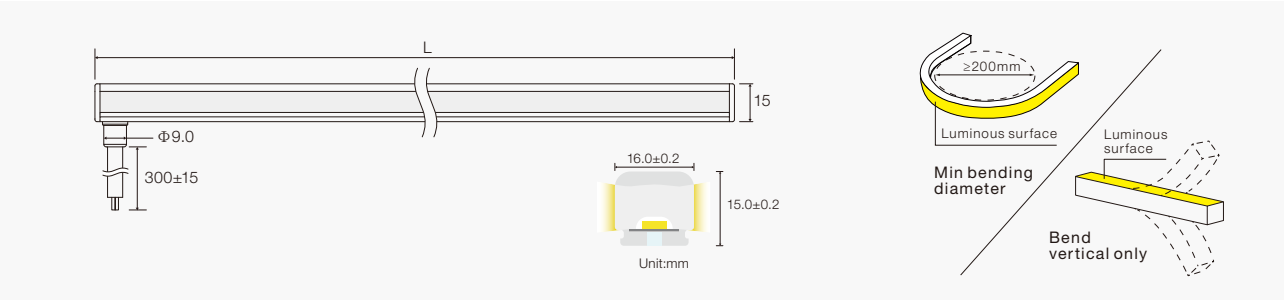


DOUBLE-SIDE EMITTING NEON S1615D 24V

- Regular power 10W/m
- Max length 18 meters with one end power
- Standard silicone end cap
- Six CCT optional from 2700K to 6500K



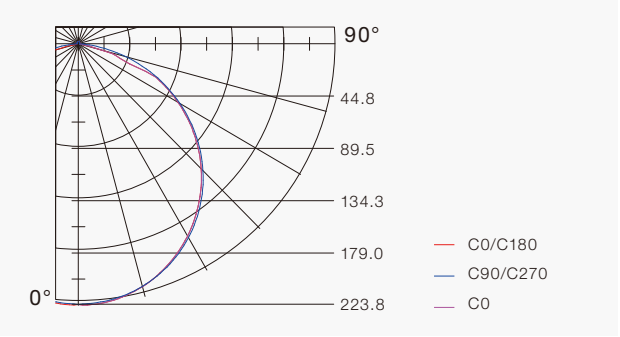
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	62.5mm
RGB/RGBW color	83.3mm
SPI RGB color	125mm

POLAR CURVE (The data base on 6500K)



PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-W27	2700K±150	60.4	604	50	17(CC)	CC/CV
NS-S1615D-W30	3000K±150	61.7	617	50	17(CC)	CC/CV
NS-S1615D-W35	3500K±150	62.0	620	50	17(CC)	CC/CV
NS-S1615D-W40	4000K ⁺⁴⁰⁰ ₋₂₀₀	63.8	638	50	17(CC)	CC/CV
NS-S1615D-W50	5000K ⁺⁵⁰⁰ ₋₃₀₀	63.7	637	50	17(CC)	CC/CV
NS-S1615D-W65	6500K ⁺²⁰⁰ ₋₆₀₀	63.6	636	50	17(CC)	CC/CV
NS-S1615D-R	Red	24.2	242	50	18(CC)	CC/CV
NS-S1615D-G	Green	59.9	599	50	17(CC)	CC/CV
NS-S1615D-B	Blue	12.1	121	50	17(CC)	CC/CV
NS-S1615D-Y	Yellow	18.1	181	50	18(CC)	CC/CV
NS-S1615D-O	Orange	22.4	224	50	18(CC)	CC/CV
NS-S1615D-P	Pink	52.4	524	50	17(CC)	CC/CV

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-TW	2700K±150	58.7	294	62.5	5	CV
NS-S1615D-TW	6500K±500	63.7	319	62.5	5	CV
NS-S1615D-TW	4000K±300	60.9	609	62.5	5	CV

RGB COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-RGB	Red	18.6	61	50	5	CV
NS-S1615D-RGB	Green	68.0	224	50	5	CV
NS-S1615D-RGB	Blue	11.4	38	50	5	CV
NS-S1615D-RGB	RGB	32.7	327	50	5	CV

RGBW COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-RGBW	Red	18.7	62	83.3	5	CV
NS-S1615D-RGBW	Green	70.4	232	83.3	5	CV
NS-S1615D-RGBW	Blue	13.0	43	83.3	5	CV
NS-S1615D-RGBW27	RGB+2700K	42.8	642	83.3	5	CV
NS-S1615D-RGBW30	RGB+3000K	41.7	626	83.3	5	CV
NS-S1615D-RGBW35	RGB+3500K	43.0	645	83.3	5	CV
NS-S1615D-RGBW40	RGB+4000K	43.1	647	83.3	5	CV
NS-S1615D-RGBW50	RGB+5000K	43.8	657	83.3	5	CV
NS-S1615D-RGBW65	RGB+6500K	42.9	644	83.3	5	CV

SPI RGB COLOR PARAMETERS Note: DC24V

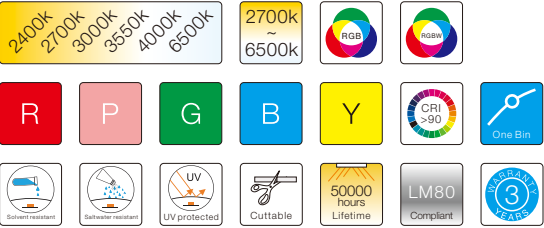
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1615D-RGB-UCS1903H	Red	5	7.4	37	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	Green	5	21.3	107	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	Blue	5	3.7	18	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	RGB	12	12.8	153	125	8	UCS1903H

SPI RGBW COLOR PARAMETERS Note: DC24V

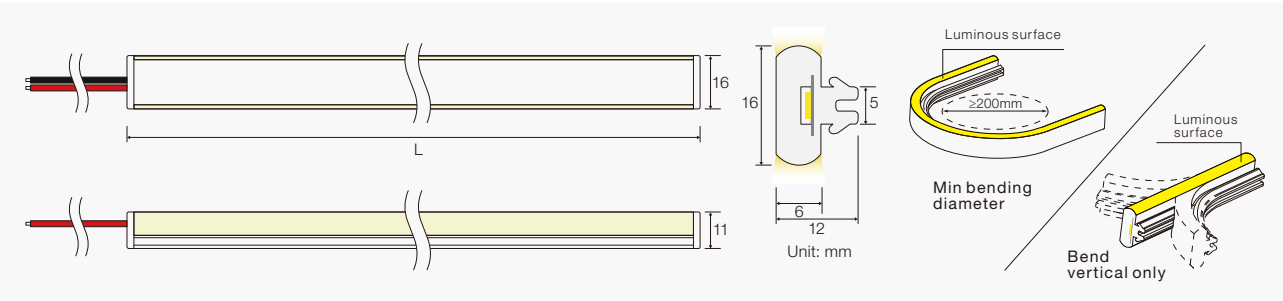
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1615D-RGBW-UCS2904B	Red	5	7.5	38	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	Green	5	21.2	106	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	Blue	5	3.8	19	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	White	5	31.0	155	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	RGBW	15	20.4	306	125	8	UCS2904B

DOUBLE-SIDE EMITTING NEON S1612D 24V

- Regular power 10W/m
- Max length 17 meters with one end power
- Standard silicone end cap
- Six CCT optional from 2400K to 6000K



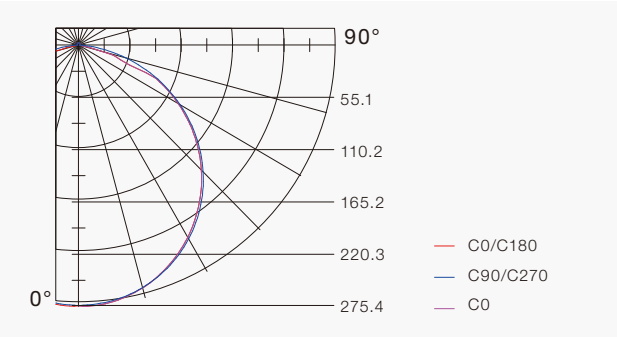
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB/RGBW color	62.5mm
SPI RGB color	100mm

POLAR CURVE (The data base on 6500K)



PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-W24	2400K±150	52	520	50	13(CC)	CC/CV
NS-S1612D-W27	2700K±150	52	520	50	13(CC)	CC/CV
NS-S1612D-W30	3000K±150	55	550	50	13(CC)	CC/CV
NS-S1612D-W40	4000K±300	60	600	50	13(CC)	CC/CV
NS-S1612D-W65	6500K±500	55	550	50	13(CC)	CC/CV
NS-S1612D-R	Red	21	210	50	17(CC)	CC/CV
NS-S1612D-G	Green	55	550	50	13(CC)	CC/CV
NS-S1612D-B	Blue	11	110	50	13(CC)	CC/CV
NS-S1612D-Y	Yellow	21	210	50	17(CC)	CC/CV
NS-S1612D-P	Pink	48	480	50	13(CC)	CC/CV

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-TW	2700K±150	57	285	62.5	5	CV
NS-S1612D-TW	6500K±500	59	295	62.5	5	CV
NS-S1612D-TW	4000K±300	58	580	62.5	5	CV

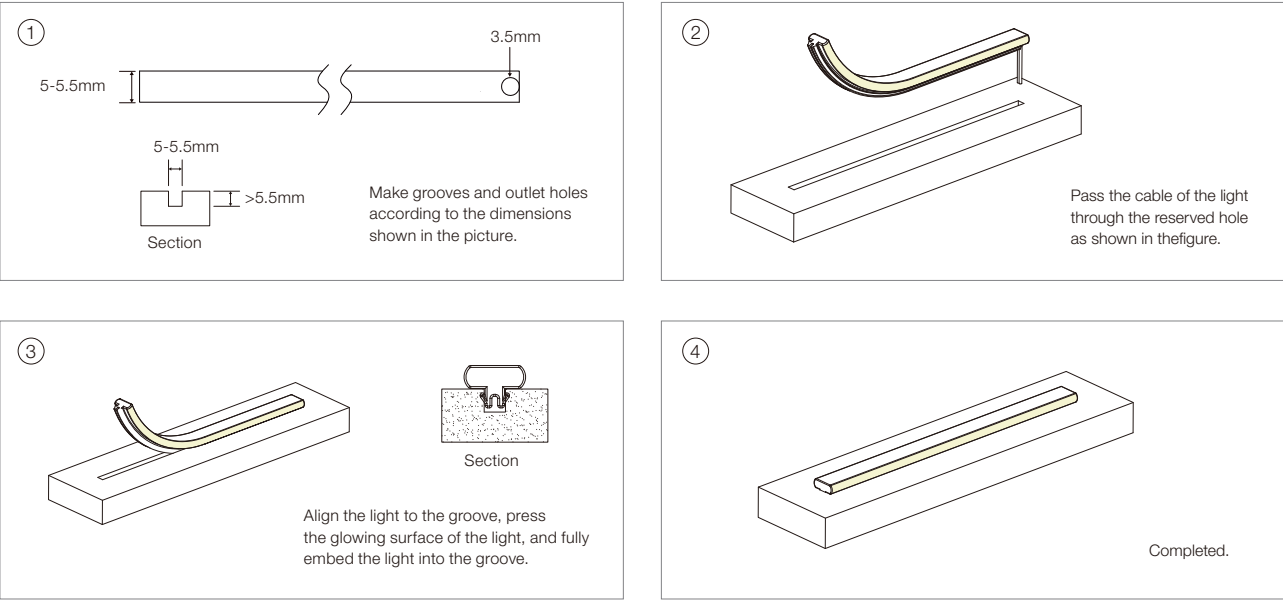
RGB COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-RGB	Red	12.50	41.25	50	5	CV
NS-S1612D-RGB	Green	44.00	145.20	50	5	CV
NS-S1612D-RGB	Blue	7.50	24.75	50	5	CV
NS-S1612D-RGB	RGB	22.00	220.00	50	5	CV

SPI RGB COLOR PARAMETERS Note: DC24V

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1612D-RGB-WS2811	Red	4.8	12.50	41.25	100	8	WS2811
NS-S1612D-RGB-WS2811	Green	4.8	44.00	145.20	100	8	WS2811
NS-S1612D-RGB-WS2811	Blue	4.8	7.50	24.75	100	8	WS2811
NS-S1612D-RGB-WS2811	RGB	12.5	22.00	220.00	100	8	WS2811

INSTALLATION



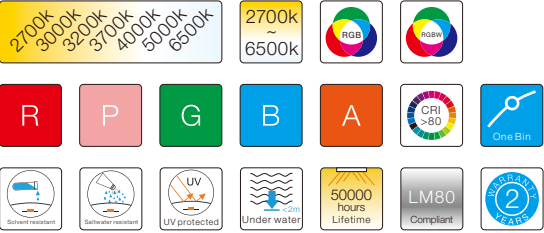
IP68 UNDERWATER SERIES

The IP68 LED neon flex is great for illuminating swimming pools because it's waterproof and resistant to corrosion.

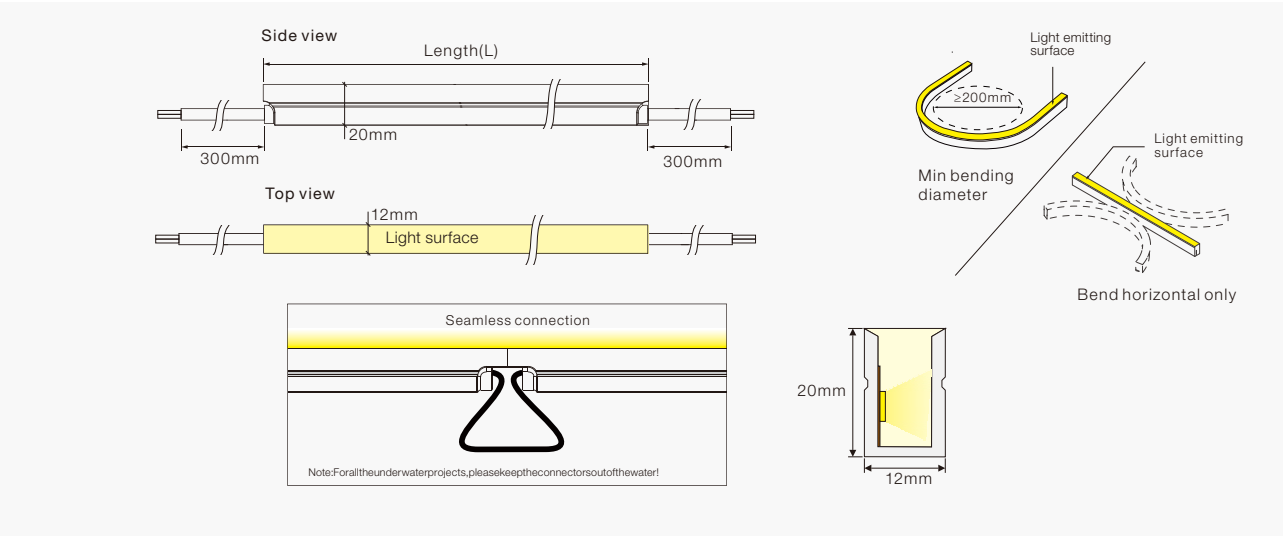


IP68 PU NEON S1220 USED UNDER WATER 24V

- IP68 polyurethane protected against water, salt water and UV radiation
- Regular power 5W/m, 10W/m and15W/m for option
- Max serial connection length 21 meters with one end power
- Seven CCT optional from 2700K to 6500K, CRI>80



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>80
Ambient temperature	-25°C~60°C

Note:
Customized length (not cutable):
Single color: L_{min}=152.1±11mm; L_{max}=5027±19mm; in 41.7mm increments
Tunable color: L_{min}=177±11mm; L_{max}=5027±19mm; in 50mm increments
RGB/RGBW: L_{min}=241.29±11mm; L_{max}=5027±19mm; in 71.43mm increments

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-S1220-W27	2700K±10%	314	21m	610	13m	906	10m
NP-S1220-W30	3000K±10%	324	21m	630	13m	936	10m
NP-S1220-W32	3200K±10%	324	21m	630	13m	936	10m
NP-S1220-W35	3500K±10%	324	21m	630	13m	936	10m
NP-S1220-W40	4000K±10%	330	21m	640	13m	950	10m
NP-S1220-W50	5000K±10%	330	21m	640	13m	950	10m
NP-S1220-W65	6500K±10%	330	21m	640	13m	950	10m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-S1220-TW	2700K±10%	173	8m	334	5m	486	3m
NP-S1220-TW	6500K±10%	169	8m	338	5m	492	3m
NP-S1220-TW	(2700K+6500K)±10%	337	8m	654	5m	952	3m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-S1220-R	Red(620-625nm)	94	21m	182	13m	265	10m
NP-S1220-G	Green(515-525nm)	181	21m	352	13m	476	10m
NP-S1220-B	Blue(460-465nm)	43	21m	84	13m	114	10m
NP-S1220-A	Yellow(585-595nm)	94	21m	183	13m	267	10m
NP-S1220-P	Pink	131	21m	254	13m	370	10m
NP-S1220-RGB	RGB	121	8m	235	5m	342	3m
NP-S1220-RGBW	RGBW	264	8m	512	5m	746	3m

ACCESSORY

Mounting accessories



Stainless mounting clip
15x13.8x12.8mm
(L x W x H)



Aluminum channel
1000x14.4x21.4mm
(L x W x H)



Bending stainless mounting clip
500x26.4x18mm
(L x W x H)

Wire cable



2PIN cable



3PIN cable



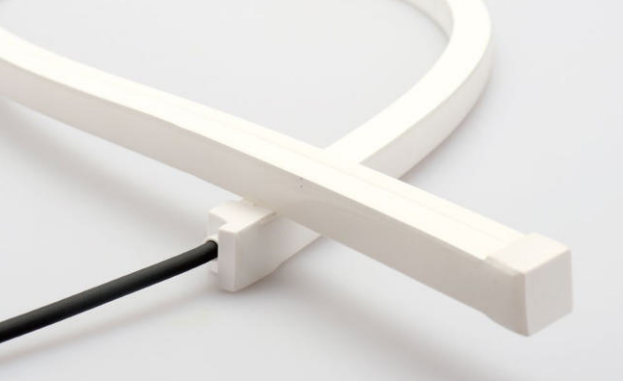
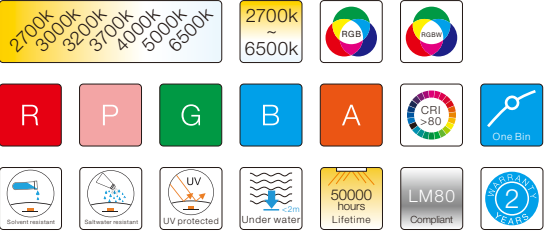
4PIN cable



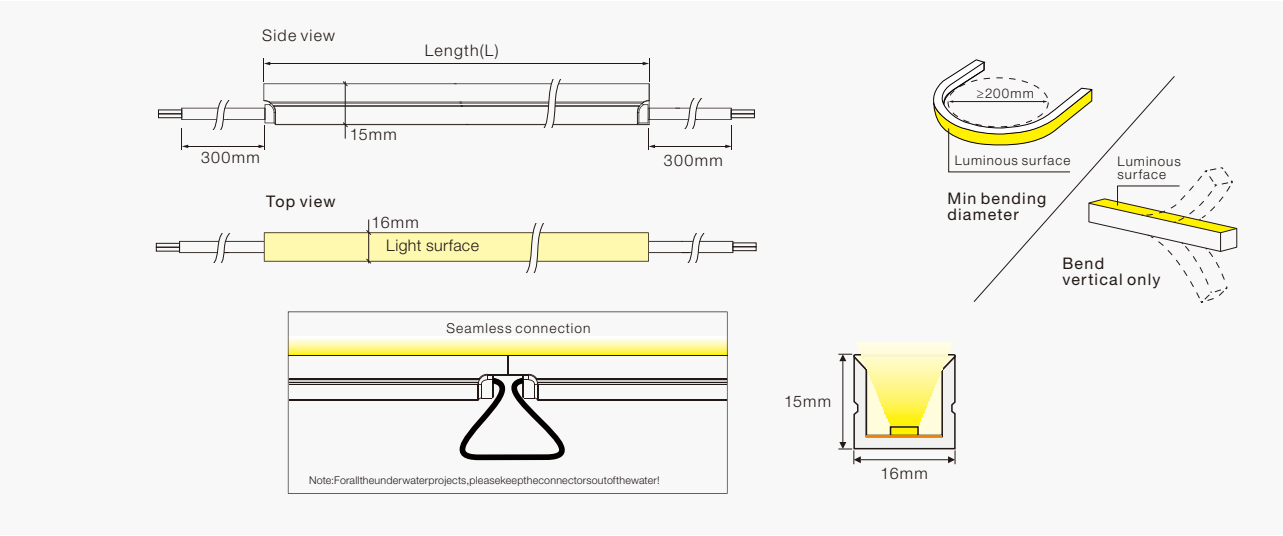
5PIN cable

IP68 PU NEON T1615 USED UNDER WATER 24V

- IP68 polyurethane protected against water, salt water and UV radiation
- Regular power 5W/m, 10W/m and15W/m for option
- Max serial connection length 24 meters with one end powel
- Seven CCT optional from 2700K to 6500K, CRI>80



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>80
Ambient temperature	-25°C~60°C

Note:
Customized length (not cutable):
Single color: L_{min}=152.1±11mm; L_{max}=5027±19mm; in 41.7mm increments
Tunable color: L_{min}=177±11mm; L_{max}=5027±19mm; in 50mm increments
RGB/RGBW: L_{min}=241.29±11mm; L_{max}=5027±19mm; in 71.43mm increments

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-T1615-W27	2700K±10%	498	24m	776	15m	1030	11m
NP-T1615-W30	3000K±10%	516	24m	785	15m	1146	11m
NP-T1615-W32	3200K±10%	496	24m	851	15m	1120	11m
NP-T1615-W37	3700K±10%	540	24m	889	15m	1188	11m
NP-T1615-W40	4000K±10%	564	24m	898	15m	1236	11m
NP-T1615-W50	5000K±10%	537	24m	887	15m	1204	11m
NP-T1615-W65	6500K±10%	513	24m	870	15m	1139	11m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-T1615-TW	2700K±10%	276	22m	432	15m	583	11m
NP-T1615-TW	6500K±10%	278	22m	435	15m	588	11m
NP-T1615-TW	(2700K+6500K)±10%	544	22m	850	15m	1136	11m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-T1615-R	Red(620-625nm)	159	24m	253	15m	340	11m
NP-T1615-G	Green(515-525nm)	382	24m	507	15m	615	11m
NP-T1615-B	Blue(460-465nm)	94	24m	133	15m	152	11m
NP-T1615-A	Yellow(585-595nm)	163	24m	239	15m	355	11m
NP-T1615-P	Pink	263	24m	412	15m	557	11m
NP-T1615-RGB	RGB	262	8m	411	5m	555	3m
NP-T1615-RGBW	RGBW	436	8m	673	5m	860	3m

ACCESSORY

Mounting accessories

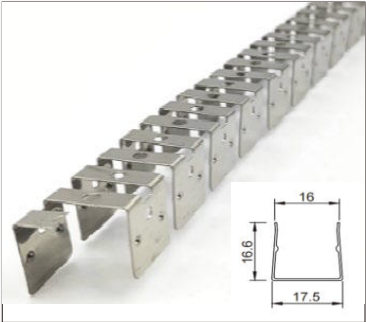


Stainless mounting clip
15x18x10.1mm
(L x W x H)



Aluminum channel
1000x19.2x17.8mm
(L x W x H)

Curved Stainless Steel mounting profile



Wire cable



2PIN cable



3PIN cable



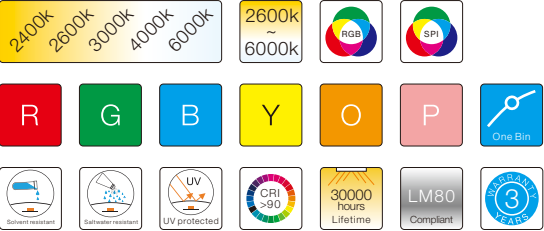
4PIN cable



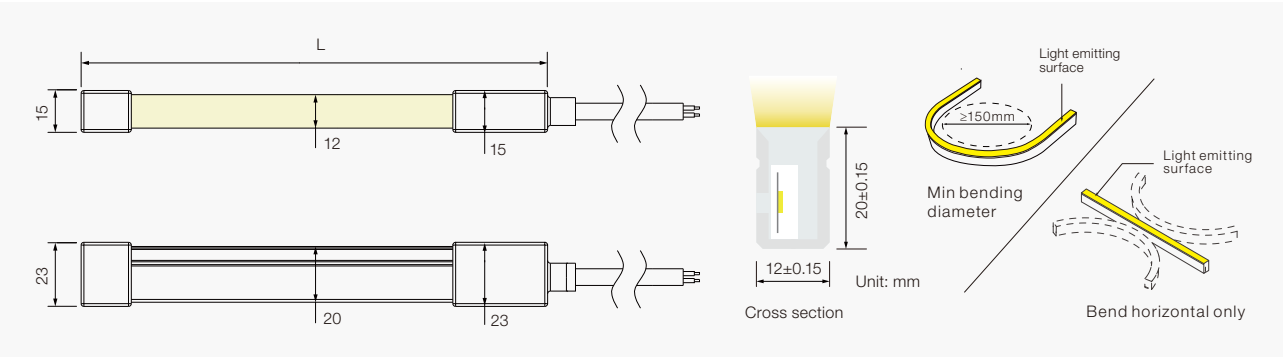
5PIN cable

IP68 SILICONE NEON S1220 USED UNDER WATER 24V

- Made of Dow Chemical SILASTIC™ ET-7021 silicone, higher transparency and strength
- Integrated extrusion process, constant current IC design, 15m for one end power feed
- IP68 protection level, Chlorination resistant, can be used in swimming pool
- 3 years warranty, working life ≥30000 hours



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm)		Tolerance(mm)
	Outlet from one end only	Outlet from both ends	
0m<Length≤5m	L+19	L+30	±9
5m<Length≤10m	L+19	L+30	±13
10≤L≤15	L+19	L+30	±15

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-W24	2250-2550K	10	29.0	290.0	50	15
NS-S1220-W26	2450-2750K	10	24.2	242.0	50	15
NS-S1220-W30	2850-3150K	10	28.5	285.0	50	15
NS-S1220-W40	3700-4300K	10	27.2	272.0	50	15
NS-S1220-W60	5600-6400K	10	28.1	281.0	50	15

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-R	Red(620-625nm)	10	13.9	139.0	50	15
NS-S1220-G	Green(515-525nm)	10	27.5	275.0	50	15
NS-S1220-B	Blue(460-465nm)	10	5.4	53.5	50	15
NS-S1220-Y	Yellow(585-595nm)	10	11.3	113.0	50	15
NS-S1220-O	Orange	10	12.2	122.0	50	15
NS-S1220-P	Pink	10	24.2	242.0	50	15

SINGLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-TW	2450-2750K	5	28.0	140.0	62.5	5
NS-S1220-TW	5600-6400K	5	29.0	145.0	62.5	5
NS-S1220-TW	3600-4200K	10	28.5	285.0	62.5	5

RGB COLOR PARAMETERS

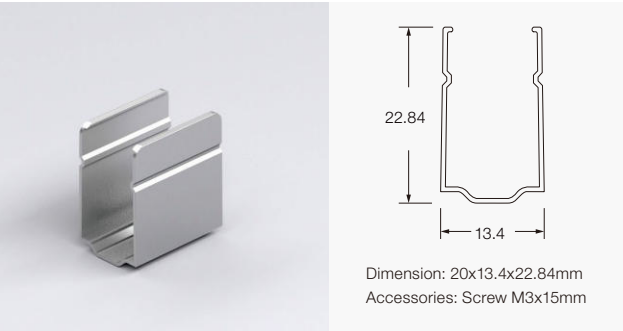
CCT(K)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
R	-	3.3	11.0	36.3	83.33	5
G	-	3.3	39.3	129.7	83.33	5
B	-	3.3	7.4	24.4	83.33	5
RGB	-	10	19.0	190.0	83.33	5

DIGITAL RGB COLOR PARAMETERS

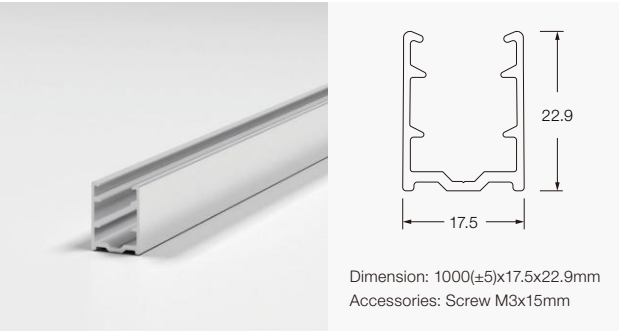
Voltage(v)	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Pixel(PCS)	Signal Type	IC Model	Unit Length(mm)
24	R	4.8	10.6	50.9	8	SPI	UCS1903	125
24	G	4.8	26.3	126.2	8	SPI	UCS1903	125
24	B	4.8	4.7	22.6	8	SPI	UCS1903	125
24	RGB	11.5	17.4	200.1	8	SPI	UCS1903	125

ACCESSORY

Mounting Clips



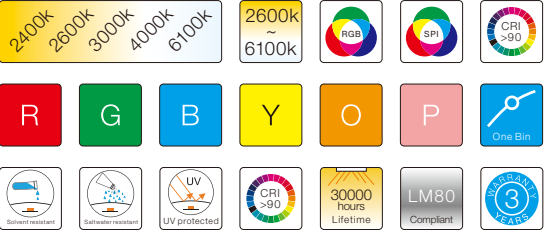
Aluminium Profile



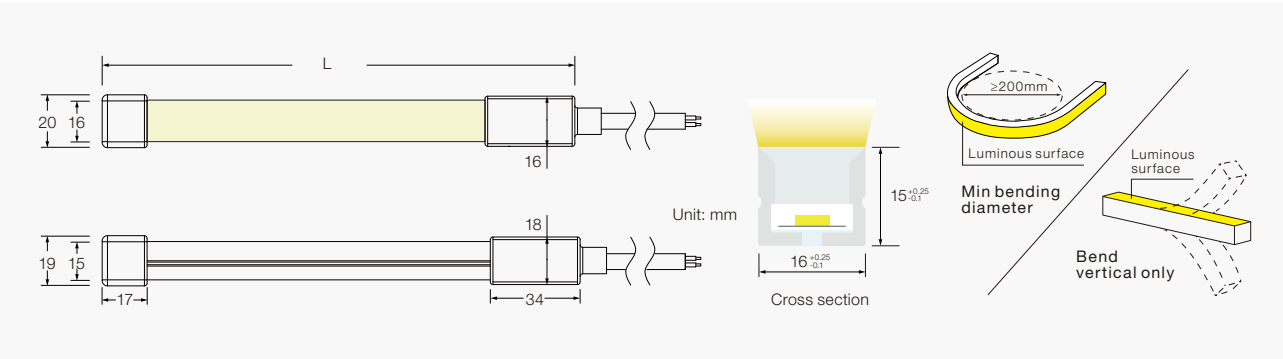
△ Aluminum profiles cannot be used in swimming pools.

IP68 SILICONE NEON T1615 USED UNDER WATER 24V

- Made of Dow Chemical SILASTIC™ ET-7021 silicone, higher transparency and strength
- Integrated extrusion process, constant current IC design, 15m for one end power feed
- IP68 protection level, Chlorination resistant, can be used in swimming pool
- 3 years warranty, working life ≥30000 hours



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V	<table><tr><th>Length Range(m)</th><th colspan="2">Final Length(mm)</th><th>Tolerance(mm)</th></tr><tr><td></td><td>Outlet from one end only</td><td>Outlet from both ends</td><td></td></tr><tr><td>0m<Length≤5m</td><td>L+19</td><td>L+30</td><td>±9</td></tr><tr><td>5m<Length≤10m</td><td>L+19</td><td>L+30</td><td>±13</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>10≤L≤15</td><td>L+19</td><td>L+30</td><td>±15</td></tr></table>	Length Range(m)	Final Length(mm)		Tolerance(mm)		Outlet from one end only	Outlet from both ends		0m<Length≤5m	L+19	L+30	±9	5m<Length≤10m	L+19	L+30	±13								10≤L≤15	L+19	L+30	±15
Length Range(m)	Final Length(mm)		Tolerance(mm)																										
	Outlet from one end only		Outlet from both ends																										
0m<Length≤5m	L+19		L+30	±9																									
5m<Length≤10m	L+19	L+30	±13																										
		10≤L≤15	L+19	L+30	±15																								
CRI/Ra	>90																												
Ambient temperature	-25°C~45°C																												

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-W24	2250-2550K	10	37.0	370.0	50	15
NS-T1615-W26	2450-2750K	10	37.0	370.0	50	15
NS-T1615-W30	2850-3150K	10	37.5	375.0	50	15
NS-T1615-W40	3700-4300K	10	41.0	410.0	50	15
NS-T1615-W61	5700-6500K	10	37.5	375.0	50	15

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-R	Red(620-625nm)	10	17.4	174.0	50	15
NS-T1615-G	Green(515-525nm)	10	48.9	489.0	50	15
NS-T1615-B	Blue(460-465nm)	10	8.9	89.0	50	15
NS-T1615-Y	Yellow(585-595nm)	10	17.8	178.0	50	15
NS-T1615-O	Orange	10	18.4	184.0	50	15
NS-T1615-P	Pink	10	43.7	437.0	50	15

SINGLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-TW	2450-2750K	5	48.0	240.0	71.4	5
NS-T1615-TW	5700-6500K	5	50.0	250.0	71.4	5
NS-T1615-TW	3700-4300K	10	49.0	490.0	71.4	5

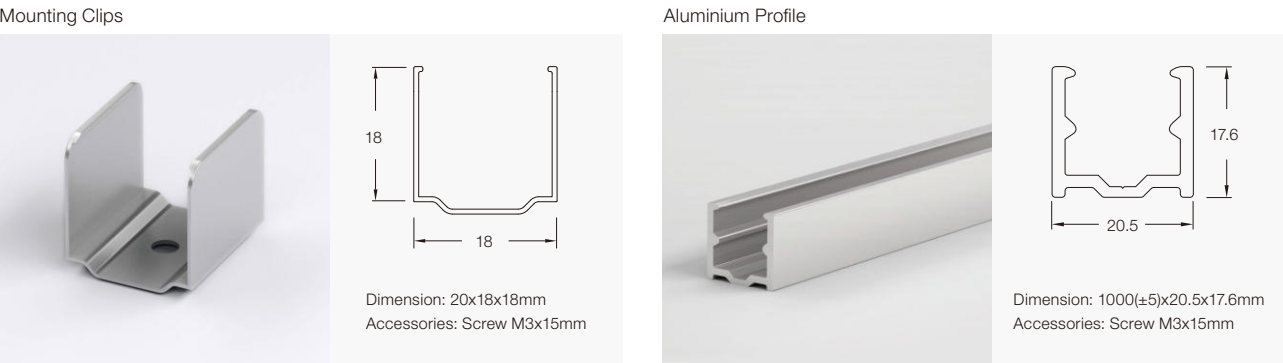
RGB COLOR PARAMETERS

CCT(K)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
R	-	3.3	16.5	54.45	71.4	5
G	-	3.3	61.0	201.3	71.4	5
B	-	3.3	12.0	39.6	71.4	5
RGB	-	10	29.5	295.0	71.4	5

DIGITAL RGB COLOR PARAMETERS

Voltage(v)	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Pixel(PCS)	Signal Type	IC Model	Unit Length(mm)
24	R	4.8	15.3	73.5	8	SPI	UCS1903	125
24	G	4.8	37.9	182.0	8	SPI	UCS1903	125
24	B	4.8	6.8	33.0	8	SPI	UCS1903	125
24	RGB	11.5	25.0	288.0	8	SPI	UCS1903	125

ACCESSORY



⚠ Aluminum profiles cannot be used in swimming pools.