

NEON FLEX

LX
LIGHTING

NEON FLEX MATERIAL COMPARISON

Highlighting the unique characteristics of different materials from multiple angles through various evaluation criteria.

		 Excellent  Middle  Poor			
Feature	Gas-phase Silica Gel	Precipitated Silica Gel	Polyvinyl Chloride (PVC)	Thermoplastic Polyurethane (TPU)	Polyurethane Resin (PU)
Transparency					
Tear strength					
Abrasion resistance					
Yellowing resistance					
Temperature resistance (high and low temperature)					
Acid and alkali resistance					
Formaldehyde resistance					
UV resistance					
Environmental friendliness					
Price	Higher	Lower	Lowest	Lower	Higher

Note: All of our silicone neon use Dow Chemical SILASTIC™ ET-7021 silicone.

GAS-PHASE SILICA GEL VS PRECIPITATED SILICA GEL

Comparison of Gas-Phase Silica Gel and Precipitated Silica Gel

Gas-phase Silica Cel

Process

Gas-phase silica is produced by burning silicon tetrachloride at high temperatures in the presence of air, resulting in a fine mesh size of 1000-2000, free from bubbles and impurities.

Appearance

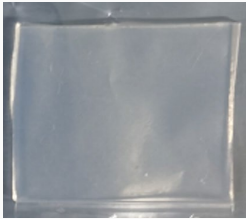
Transparent with high light transmittance.

Tensile strength

Stronger tensile properties
Tensile strength: 8-12 MPa
Tear strength: 25-50 N/mm
Appearance unchanged after stretching

Yellowing resistance

Excellent yellowing resistance; appearance stays virtually unchanged after 1000 hours of baking at 85°C.



Before bakingBaking at 85°C for 1000 hours

Precipitated Silica Cel

Process

Precipitated silica gel is produced by adding sulfuric acid to sodium silicate, resulting in a coarser mesh size of 30-500, which is much rougher than gas-phase silica gel.

Appearance

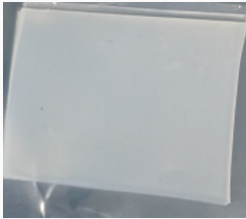
Semitransparent or with a light yellow, milky appearance.

Tensile strength

Average tensile performance
Tensile strength: 6-7 MPa
Tear strength: 15-23 N/mm
Material turns white after stretching

Yellowing resistance

Tends to yellow; yellowing occurs after just 100 hours of baking at 85°C.



Before bakingBaking at 85°C for 1000 hours

vs

PRODUCTION PROCESS COMPARISON

Comparison of integrated extrusion and hollow tubing methods for neon flex.



Integrated extrusion neon

- With the LED strip encased in silicone, it remains secure and stable, ensuring uniform and consistent lighting.
- Supports lengths up to 50 meters.
- The structure is stronger and feels more reliable
- Integrated extrusion with a specified light source ensures more stable quality and consistent parameters
- Difficult to support multiple models with low quantities per model.

VS

Hollow silicone tube

Without being integrated with the silicone tube, the strip may loosen or shift, leading to light dots and uneven brightness.

Maximum length typically 5 meters.

The structure is weaker and feels softer.

Independent production results in slightly less stable product quality and parameters.

Ready-to-stock production offers greater flexibility for customization

SURFACE TREATMENT PROCESS

Before surface treatment

Glossy, attracts dust easily, and is hard to clean.



After surface treatment

Anti-static, dust-resistant, dirt-repellent, with a matte finish, tactile texture, and easy to clean.

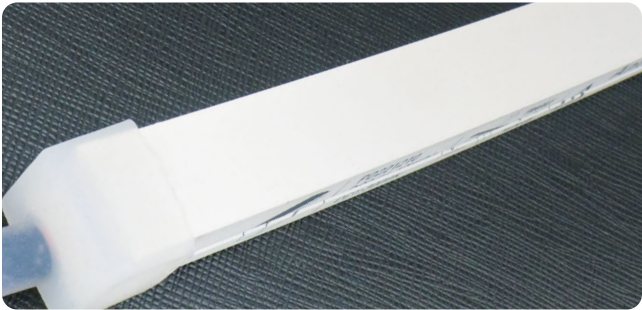


After surface treatment and with prolonged use

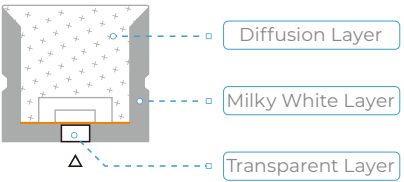
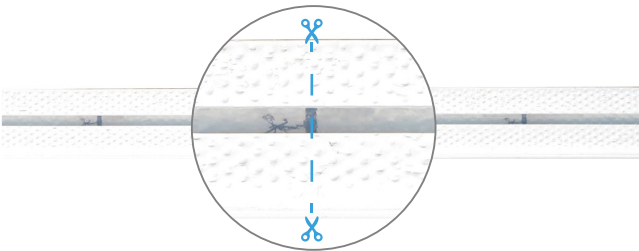
Before cleaning, it significantly reduces light output.



After cleaning, it becomes clear and transparent, providing uniform light distribution.

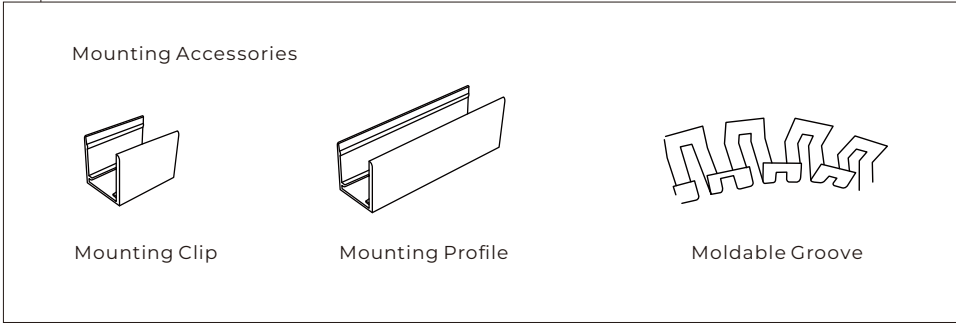
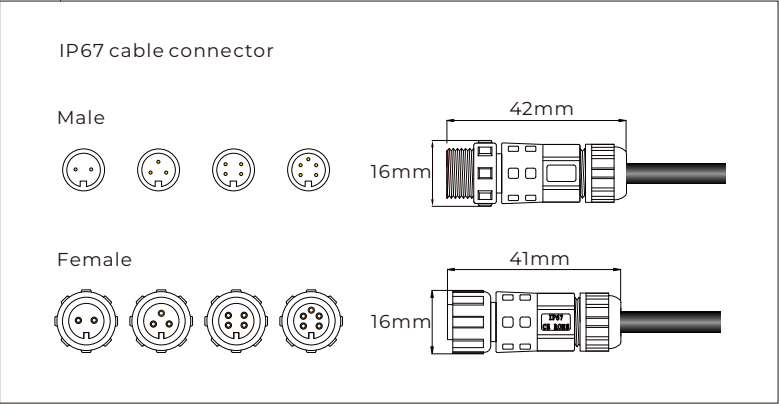
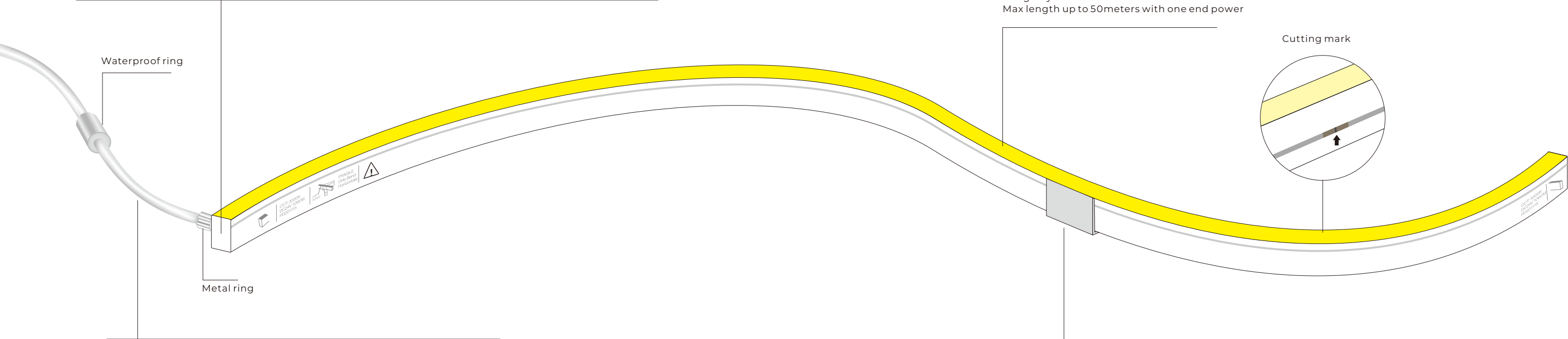
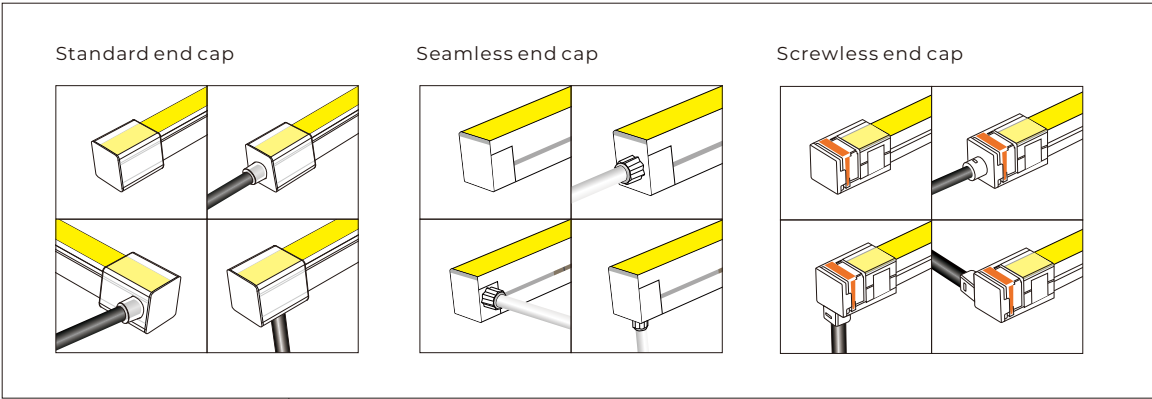


ADVANTAGES OF TRI-COLOR EXTRUSION



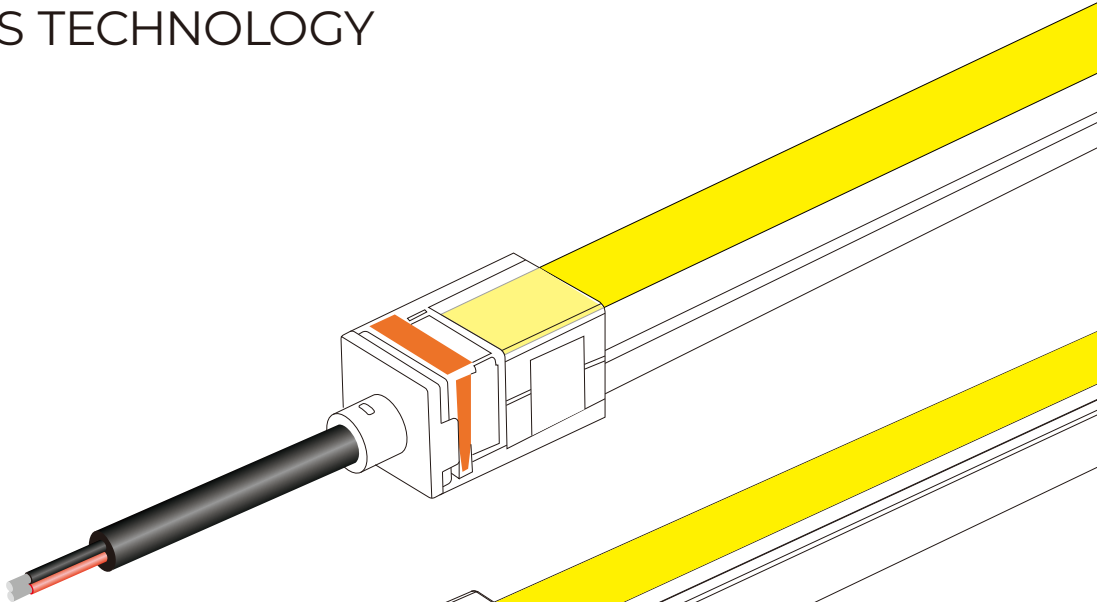
NEON FLEX SOLUTION

Cable outlet

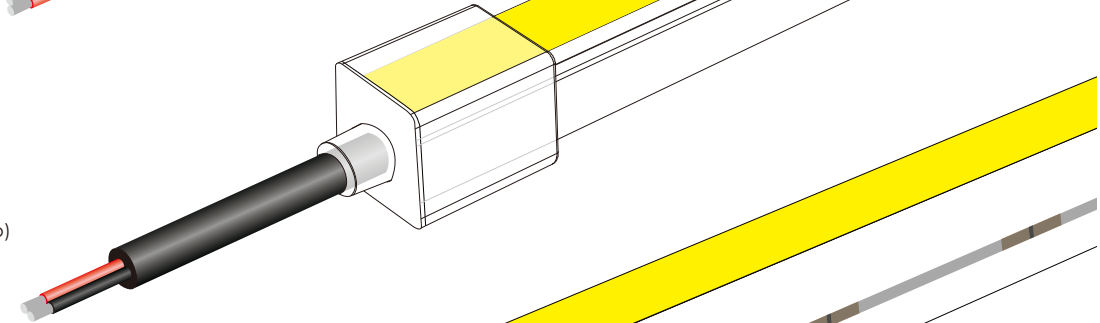


IP PROCESS TECHNOLOGY

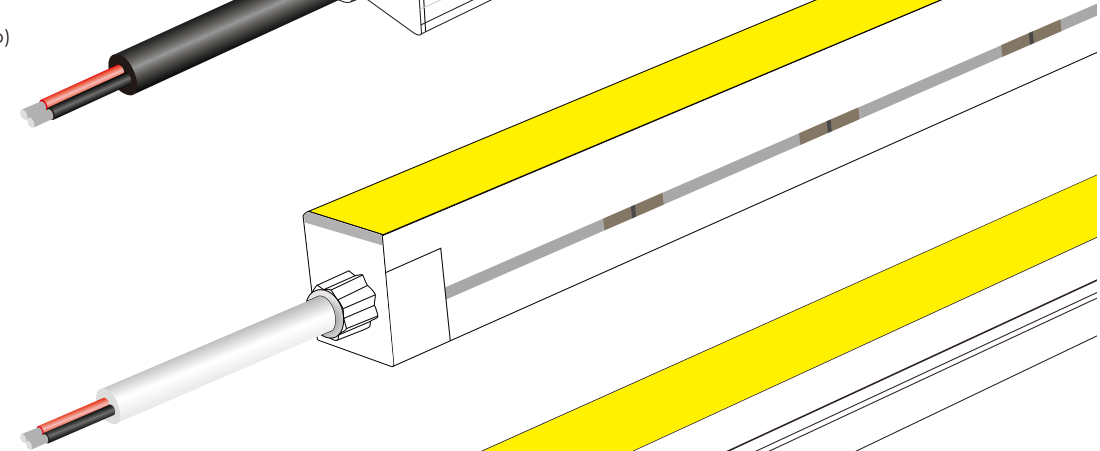
IP67
(Screwless end cap)



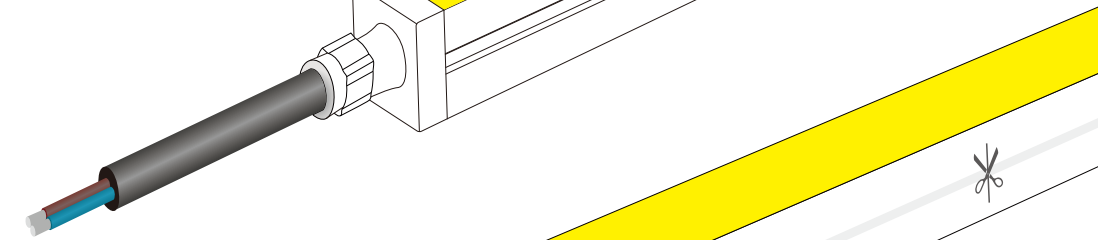
IP67
(Standard silicone end cap)



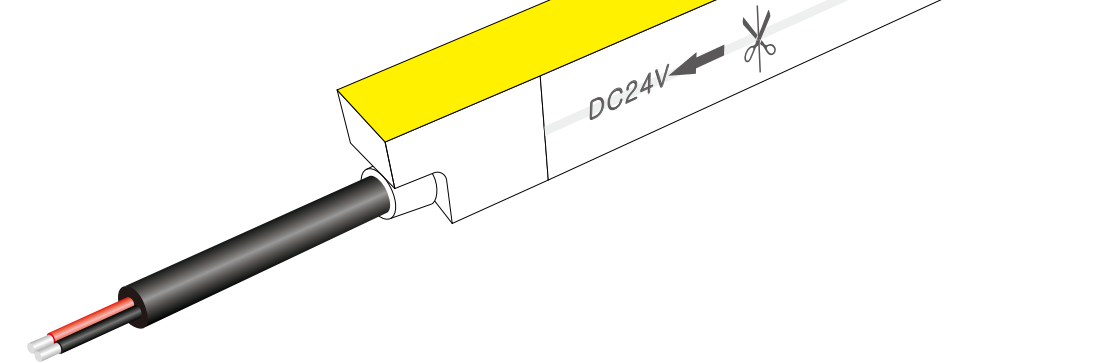
IP67
(Seamless end cap)



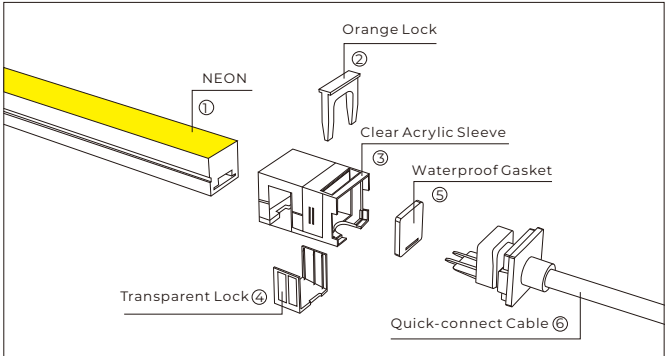
IP68
(Silicone neon)



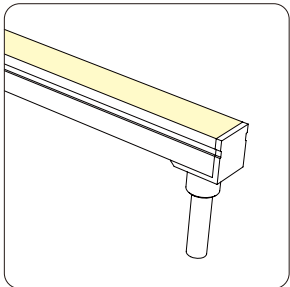
IP68
(PU neon)



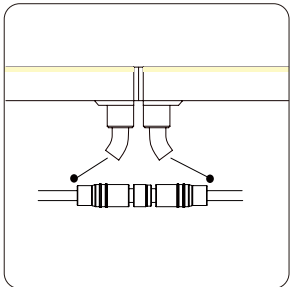
IP67 screwless end cap deconstruction diagram



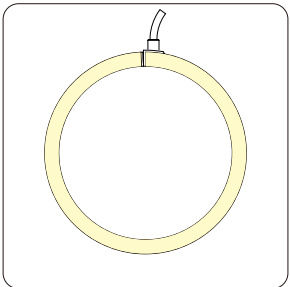
IP67 seamless end cap without dark area



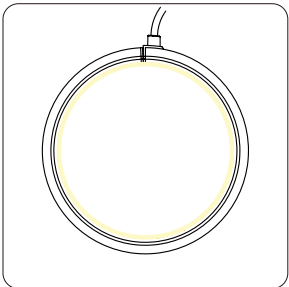
Linear interconnection without dark area



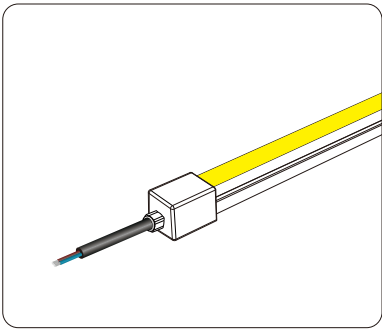
Curve interconnection of lighting outward without dark area



Curve interconnection of lighting outward without dark area

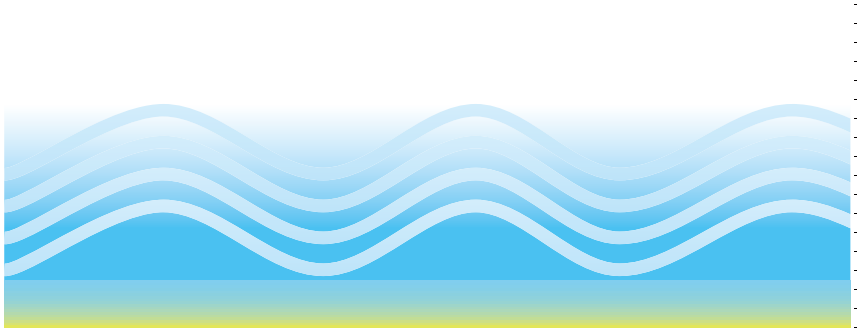


IP68 silicone neon and IP68 PU neon, used under the water.



Pool

IP68 silicone neon: ≤ 5 meters deep
IP68 PU neon: ≤ 3 meters deep





CUSTOMIZATION



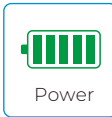
BIN

Available to customize one specific BIN or various BIN



CABLE

Available to customize cable type or length within the technology supporting range



POWER

Available to customize power(wattage) within the technology supporting range



REEL & BAG

Available to customize reel and anti-static bag



CRI

Available to customize CRI range



CONNECTOR

Available to customize connector for all IP grade



PCB

Available to customize size and thickness, also could print with color LOGO on PCB



PACKING

Available to customize the special packaging



COLOR

Available to customize specific color or wavelength



LABEL

Available to customize label



LENGTH

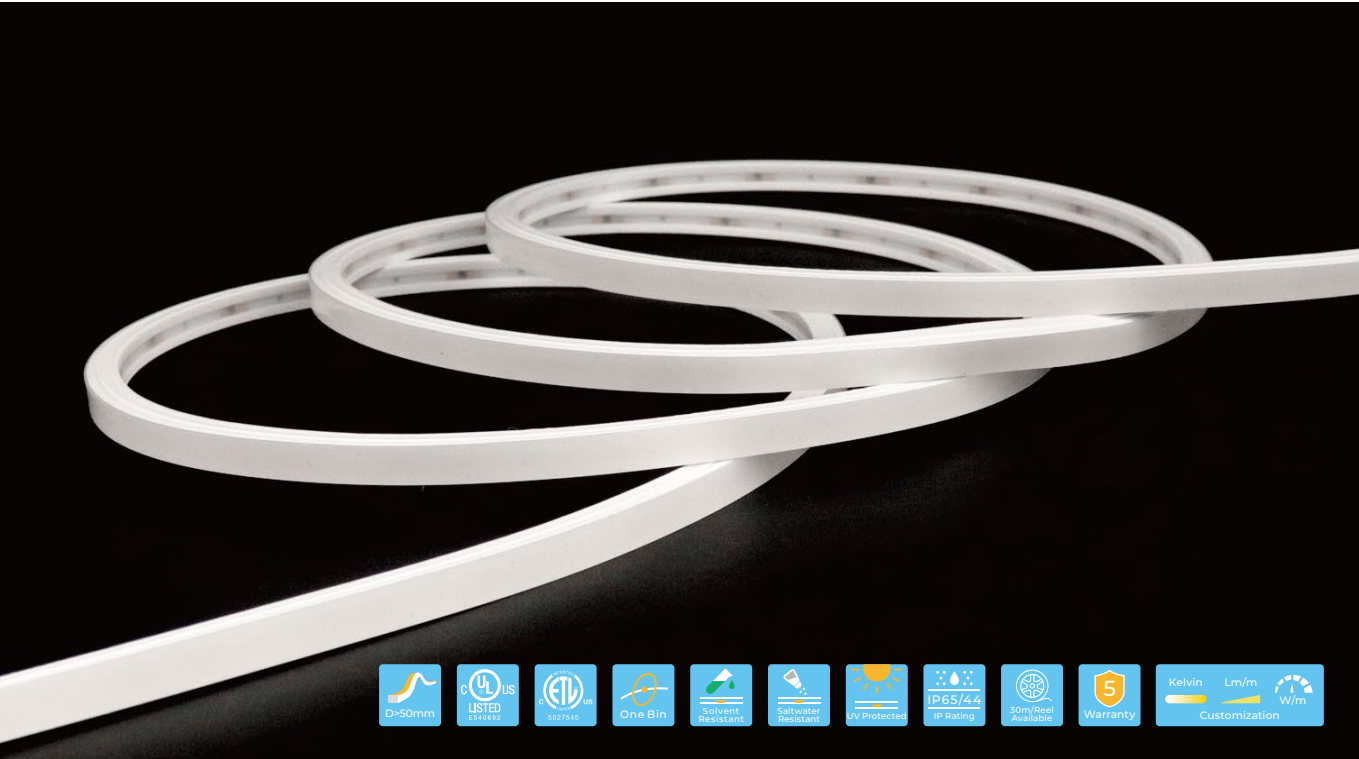
Available to customize the length within the technology supporting range



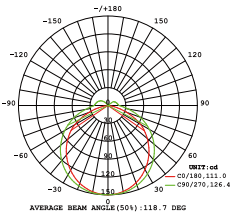
TOP BEND NEON

This series of neon flex can be bent vertically and is available in various sizes, ranging from 6x6mm to 50x25mm.

TOP BEND 0606

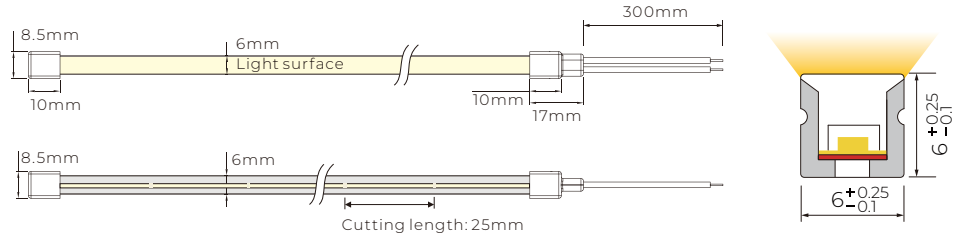


6mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
Tri-color silicone extrusion with a clear window for easy cutting. High-density LED strip inside ensures uniform, glare-free light emission.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 6W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-T0606
Voltage	DC24V
Power(w/m)	6W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1700K ⁺²⁰⁰ ₋₁₀₀	235.2	6	39.2
	2200K ⁺²⁰⁰ ₋₁₀₀	325.2	6	54.2
	2400K ⁺²⁰⁰ ₋₂₀₀	330	6	55
	2600K ⁺²⁰⁰ ₋₂₀₀	337.2	6	56.2
	2800K ⁺²⁰⁰ ₋₂₀₀	345	6	57.5
	3200K ⁺³⁰⁰ ₋₂₀₀	348	6	58
	3800K ⁺⁴⁰⁰ ₋₃₀₀	358.2	6	59.7
	4400K ⁺⁴⁰⁰ ₋₄₀₀	352.8	6	58.8
	5600K ⁺⁴⁰⁰ ₋₄₀₀	379.2	6	63.2

- Note:
- CV: Constant Voltage. CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



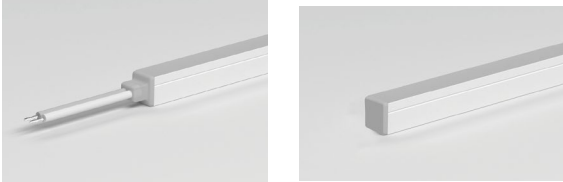
End Cap & Cable Lead Option

Silicone End Cap (IP65)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed end cap

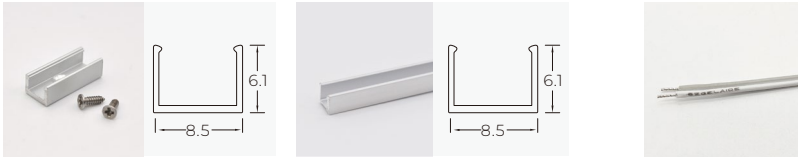
Integral end cap (IP44)



Front Cable Entry Closed End Cap

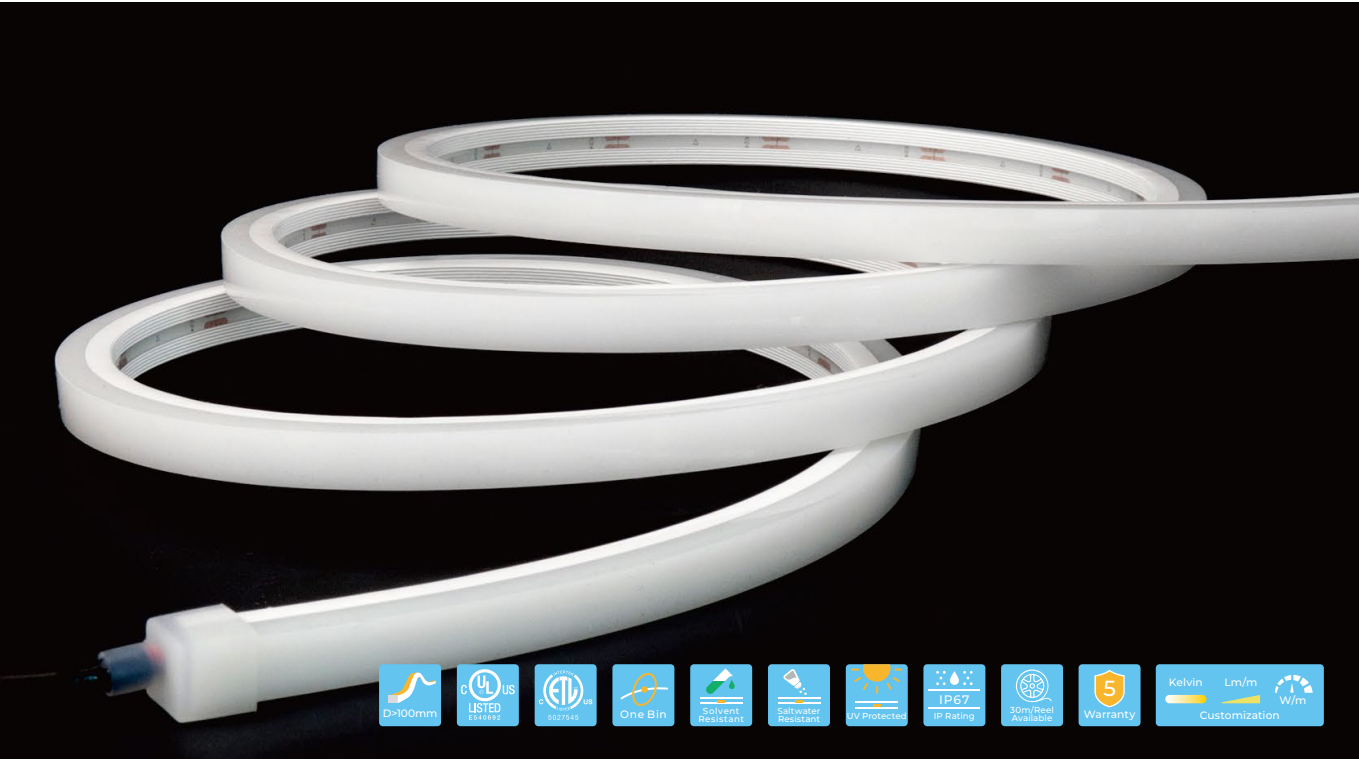


Accessories

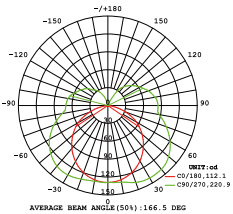


Aluminium Mounting clips Aluminium Profile 2 PIN Wire
Length: 1.5cm Length: 1m/2m/3m

TOP BEND 1010

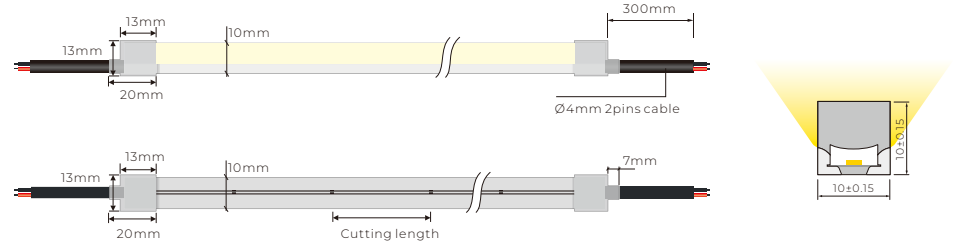


10mm slim luminous surface with 3-sided light emission, ideal for indoor outlines. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-T1010	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

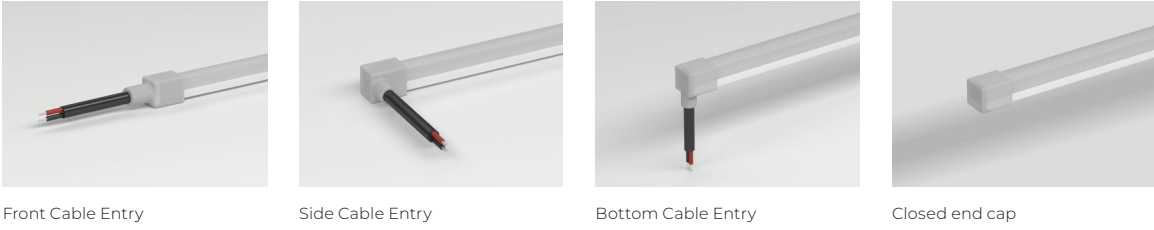
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	645	10	64.5
	2400K±150	685	10	68.5
	2700K±150	740	10	74
	3000K±150	790	10	79
	3500K±200	720	10	72
	4000K ⁺⁴⁰⁰ ₋₂₀₀	830	10	83
--	5000K ⁺⁵⁰⁰ ₋₂₀₀	830	10	83
	6500K ⁺²⁰⁰ ₋₆₀₀	810	10	81
	Red	330	10	33
	Green	920	10	92
	Blue	175	10	17.5
	Yellow	300	10	30
	Pink	350	10	35

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

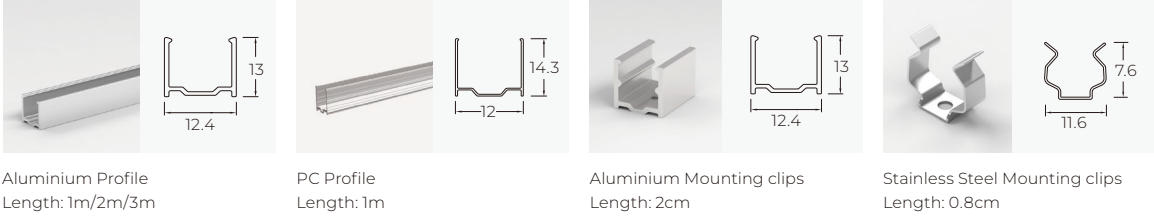
Silicone End Cap (IP67)



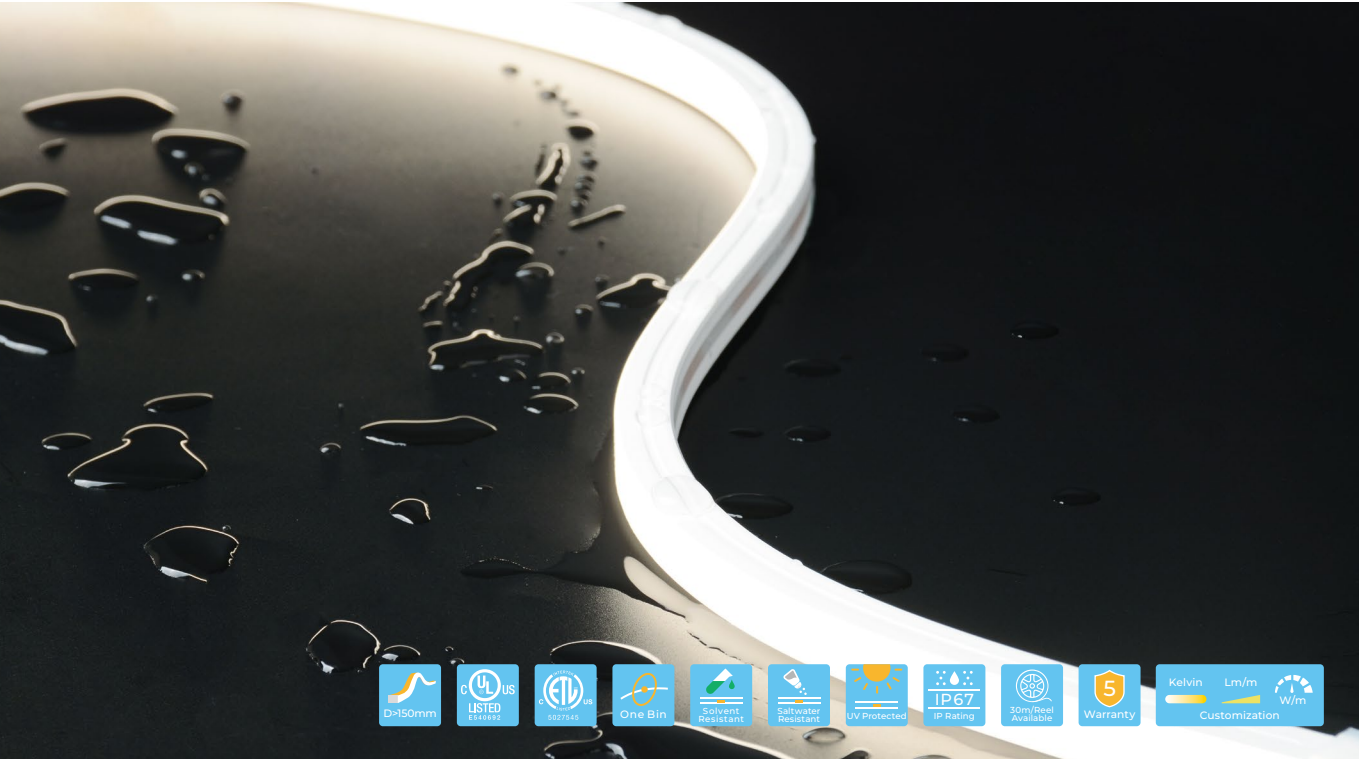
Integral end cap (IP44)



Accessories

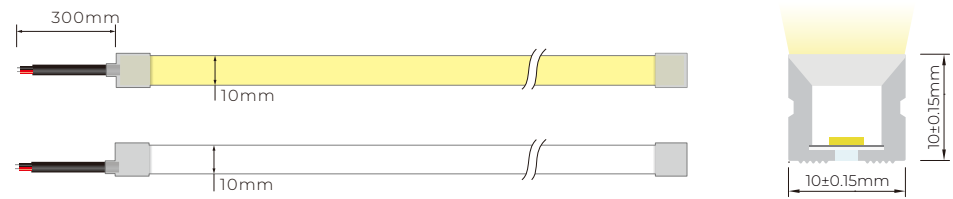


TOP BEND 1010S



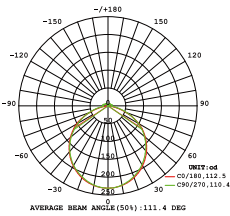
10mm wide luminous surface, slim and delicate.
Tri-color silicone extrusion with a clear window for easy cutting.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
Run length > 10m, production length up to 30m.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-T1010S	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

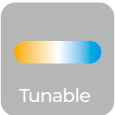


Light Distribution Curve
(24V, 10W, 4000K)



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	710	10	71
	2700K±150	780	10	78
	3000K±150	740	10	74
	3500K±200	730	10	73
	4000K ⁺⁴⁰⁰ ₋₂₀₀	840	10	84
	5000K ⁺⁵⁰⁰ ₋₃₀₀	870	10	87
	6500K ⁺²⁰⁰ ₋₆₀₀	860	10	86
--	Red	300	10	30
	Green	650	10	65
	Blue	168	10	16.8
	Yellow	340	10	34
	Pink	560	10	56

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	710	10	71.0
	3000K±150	740	10	74.0
	4000K±300	770	10	77.0
	5000K±400	760	10	76.0
	6500K±400	750	10	75.0

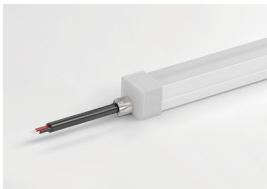
Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	285	5	77
	6000K	410	5	82
	2700K+6000K	800	10	80

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	68.6	3.3	20.8
	G	234	3.3	70.9
	B	44.9	3.3	13.6
	RGB	362	10	36.2

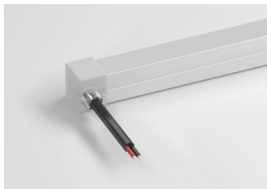


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



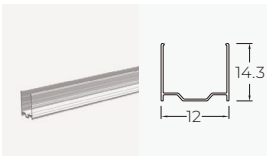
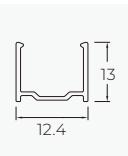
Closed end cap



Accessories



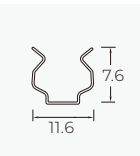
Aluminium Profile
Length: 1m/2m/3m



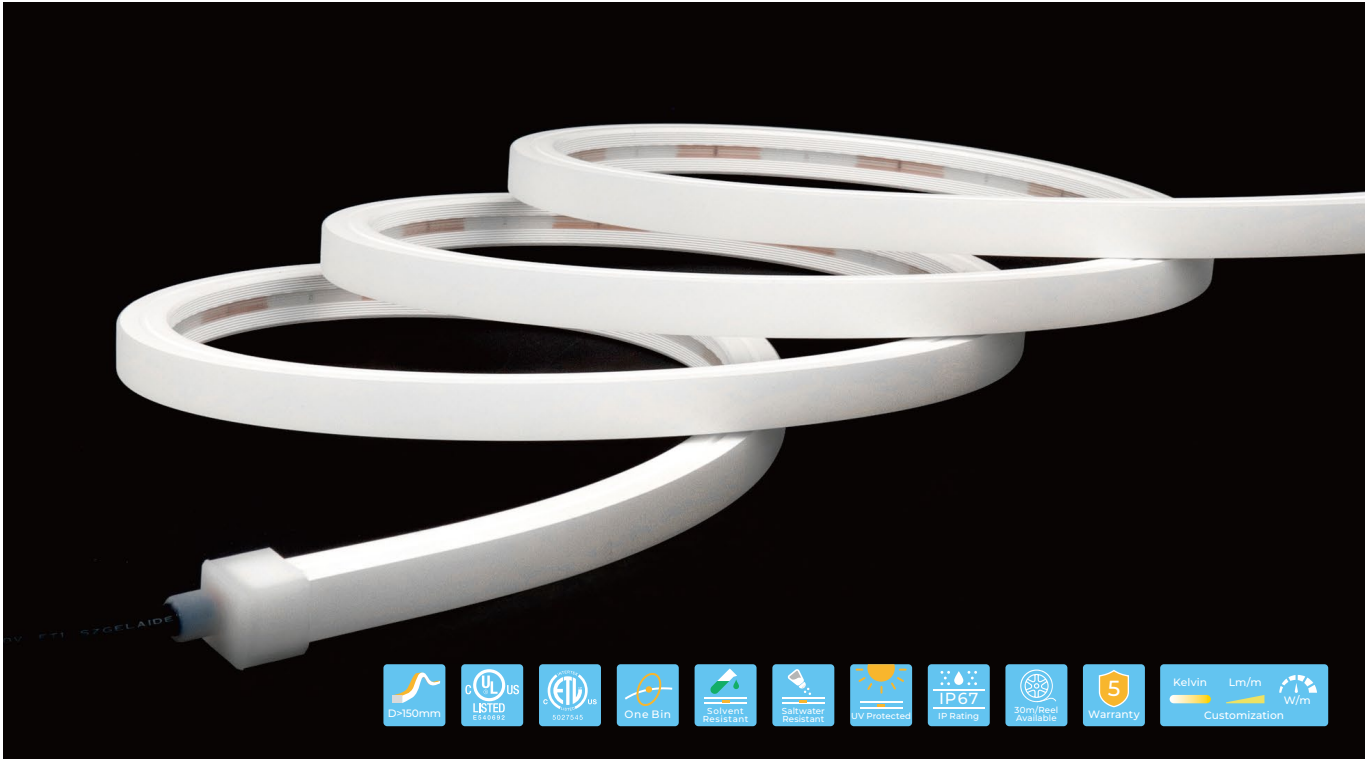
PC Profile
Length: 1m/2m/3m



Stainless Steel Mounting clips
Length: 0.8cm

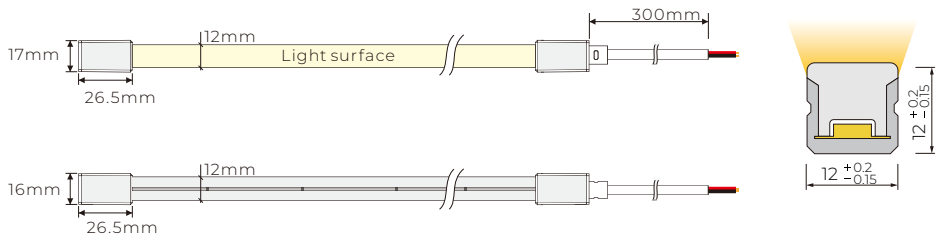


TOP BEND 1212



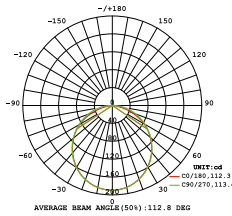
12mm flat luminous surface, ideal for indoor and outdoor decorative lighting.
Tri-color silicone extrusion with a clear window for easy cutting, IP67 waterproof.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
Run length > 10m, production length up to 30m.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-T1212	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	560	10	56
	2400K±150	560	10	56
	2700K±150	670	10	67
	3000K±150	640	10	64
	3500K±200	660	10	66
	4000K ⁺⁴⁰⁰ ₋₂₀₀	680	10	68
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	680	10	68
	6500K ⁺²⁰⁰ ₋₆₀₀	670	10	67
	Red	280	10	28
	Green	700	10	70
	Blue	130	10	13
	Yellow	260	10	26
--	Pink	280	10	28

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	700	10	70.0
	3000K±150	730	10	73.0
	4000K±300	750	10	75.0
	5000K±400	740	10	74.0
	6500K±400	730	10	73.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	315	5	63
	6000K	335	5	67
	2700K+6000K	650	10	65

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69.3	3.3	21
	G	214.5	3.3	65
	B	39.6	3.3	12
	RGB	290	10	29

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	315	5	63
	6000K	335	5	67
	2700K+6000K	650	10	65

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69.3	3.3	21
	G	214.5	3.3	65
	B	39.6	3.3	12
	RGB	290	10	29

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69.3	3.3	21
	G	214.5	3.3	65
	B	39.6	3.3	12
	RGB	290	10	29

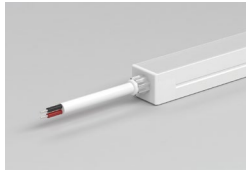
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

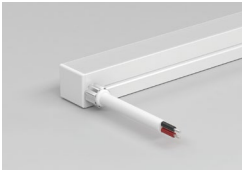


Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry

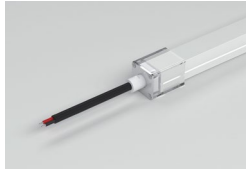


Bottom Cable Entry



Closed End cap

Solder Free End Cap (IP67)



Front Cable Entry



Side Cable Entry

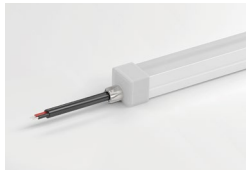


Bottom Cable Entry

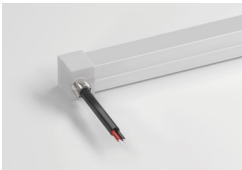


Closed End cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



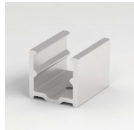
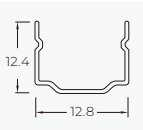
Closed End cap



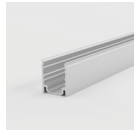
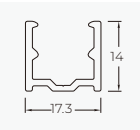
Accessories



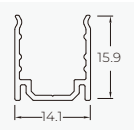
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN

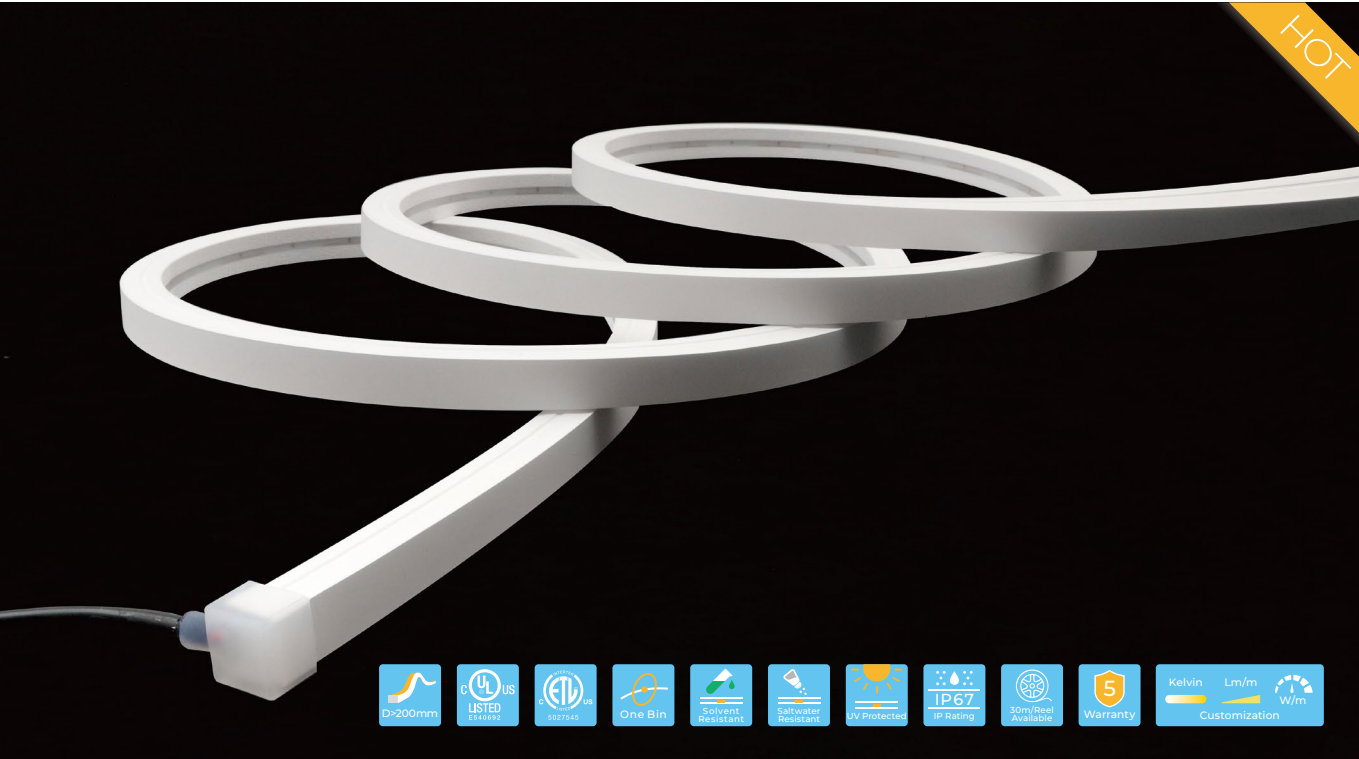


IP67 Connector
Wire Gauge:
0.5mm2/22AWG

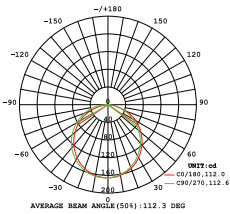


Anti-rain connector

TOP BEND 1615

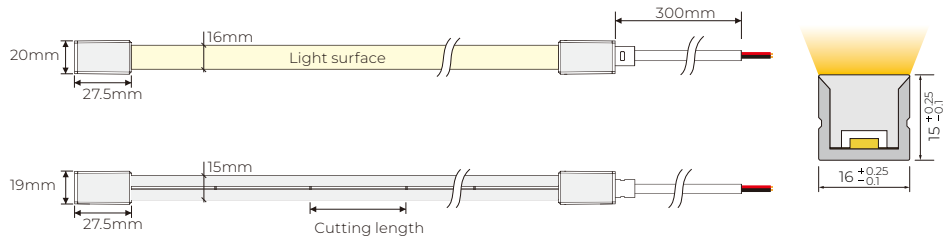


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

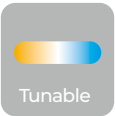
Model No.	NS-T1615		
Working Voltage	DC24V		
Rated Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/17m/14m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	460	10	46
	2400K±150	470	10	47
	2700K±150	550	10	55
	3000K±150	540	10	54
	3500K±200	585	10	58.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	575	10	57.5
--	5000K ⁺⁵⁰⁰ ₋₂₀₀	570	10	57
	6500K ⁺²⁰⁰ ₋₆₀₀	575	10	57.5
	Red	240	10	24
	Green	550	10	55
	Blue	110	10	11
	Yellow	240	10	24
--	Pink	225	10	22.5

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	690	10	69.0
	3000K±150	710	10	71.0
	4000K±300	730	10	73.0
	5000K±400	720	10	72.0
	6500K±400	710	10	71.0

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	275	5	55
	6000K	295	5	59
	2700K+6000K	570	10	57



RGB

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	CV: 5w/10w/15w CC: 11w
Max. Run Length(CC)	13m
Cutting Length	125mm/62.5mm

Parameters (CC 13m)

CRI	CCT	lm/m	w/m	lm/w
--	R	53	3.7	14.2
	G	207	3.7	56.0
	B	31	3.7	8.3
	RGB	275	11	25.0

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	56.1	3.3	17
	G	181.5	3.3	55
	B	34.65	3.3	10.5
	RGB	270	10	27



RGBW

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	CV: 5w/10w/15w CC: 15w
Max. Run Length(CC)	10m
Cutting Length	125mm/62.5mm

Parameters (CC 10m)

CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.75	14.6
	G	135	3.75	36.0
	B	38	3.75	10.2
	W4000K	165	3.75	44.0
	RGBW	443	15	29.5

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	32.5	2.5	13
	G	135	2.5	54
	B	31.25	2.5	12.5
	W4000K	158.75	2.5	63.5
	RGBW	360	10	36

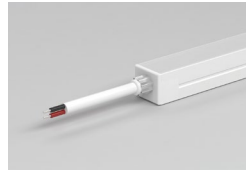
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

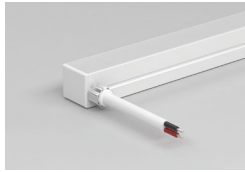


Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry

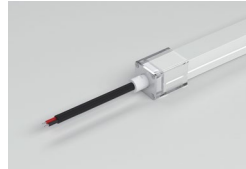


Bottom Cable Entry

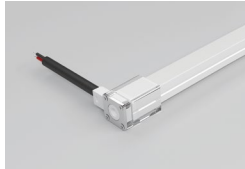


Closed End cap

Solder Free End Cap (IP67)



Front Cable Entry



Side Cable Entry

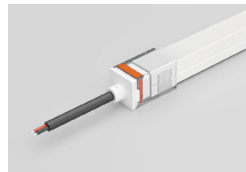


Bottom Cable Entry



Closed End cap

Solder Free End Cap Without Screws (IP67)



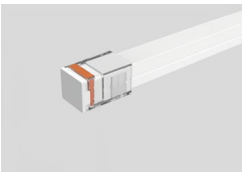
Front Cable Entry



Side Cable Entry

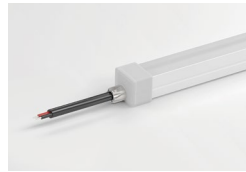


Bottom Cable Entry

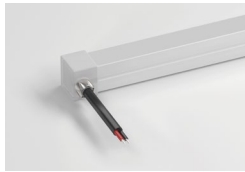


Closed End cap

Silicone End Cap (IP67)



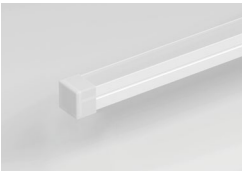
Front Cable Entry



Side Cable Entry



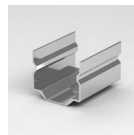
Bottom Cable Entry



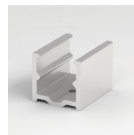
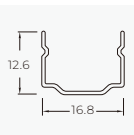
Closed End cap



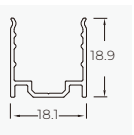
Accessories



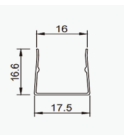
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN

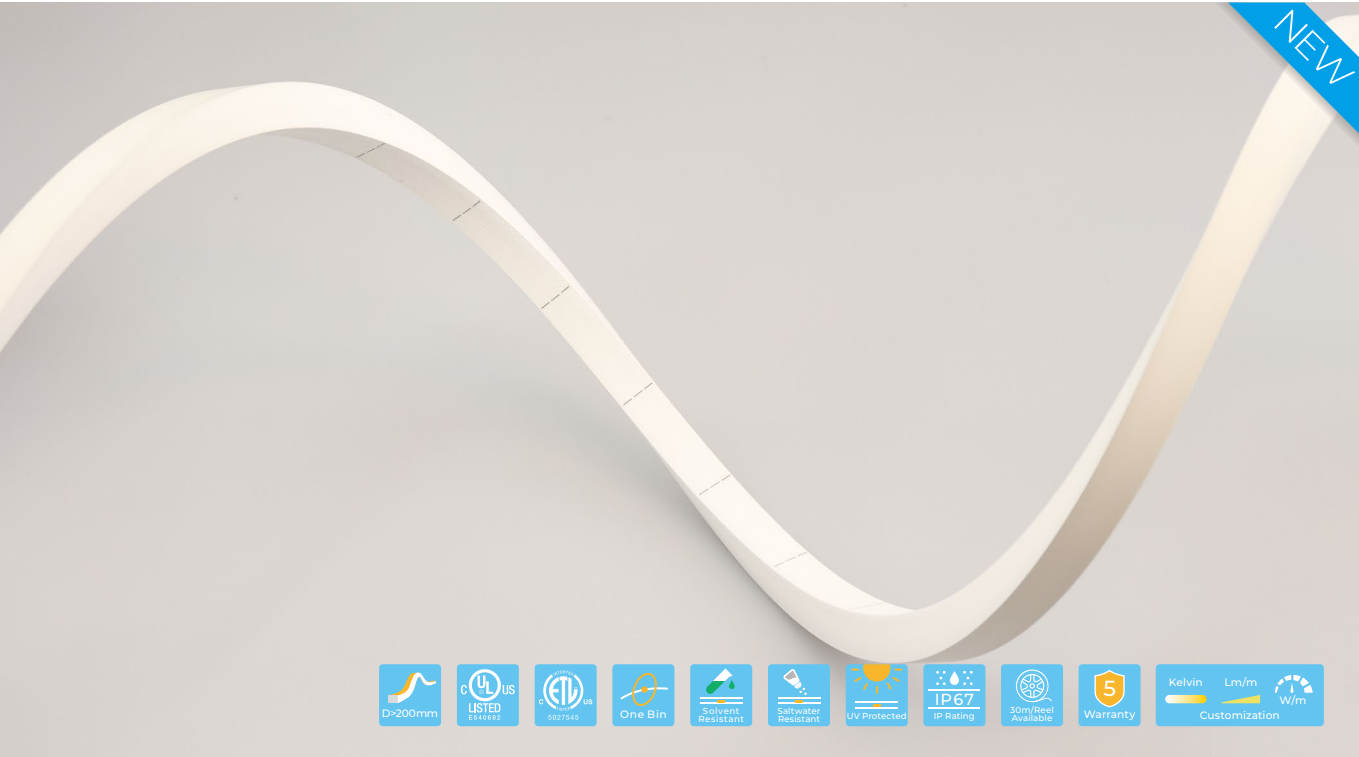


IP67 Connector
Wire Gauge:
0.5mm2/22AWG

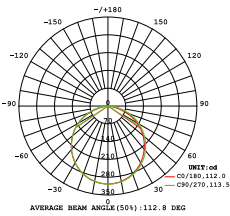


Anti-rain connector

TOP BEND 1617

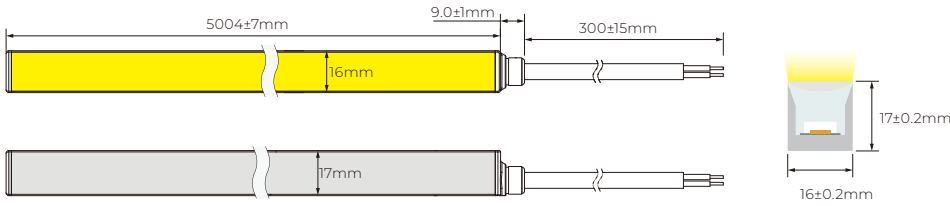


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



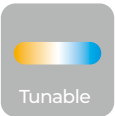
Basic Parameters

Model No.	NS-T1617
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C



Single Color	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	776	10	77.6
	3000K	797	10	79.7
	3500K	827	10	82.7
	4000K	825	10	82.5
	5000K	818	10	81.8
	6500K	831	10	83.1
--	Red	307	10	30.7
	Green	780	10	78.0
	Blue	164	10	16.4
	Yellow	243	10	24.3
	Orange	831	10	28.5
	Pink	831	10	64.0



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	780	10	78.0
	6000K	830	10	83.0
	2700K+6000K	924	11	84.0



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	72	3.3	21.9
	G	260	3.3	78.8
	B	43	3.3	13.0
	RGB	380	10	38.0



RGBW	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.33mm

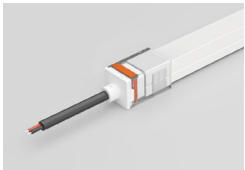
Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	83	3.75	22.0
	G	306	3.75	81.6
	B	54	3.75	14.4
	3000K ±150	270	3.75	72.1
>90	RGBW	749	15	49.9

- Note:**
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Solder Free End Cap Without Screws (IP67)



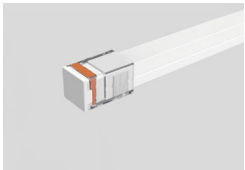
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Integral End Cap (IP67)



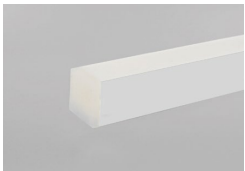
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Silicone End Cap (IP67)



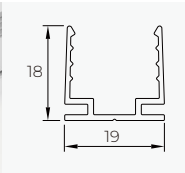
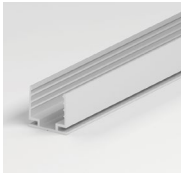
Front Cable Entry



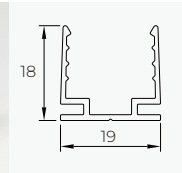
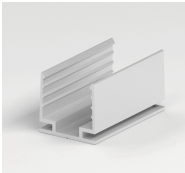
Closed End cap



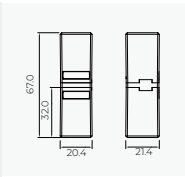
Accessories



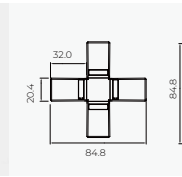
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm

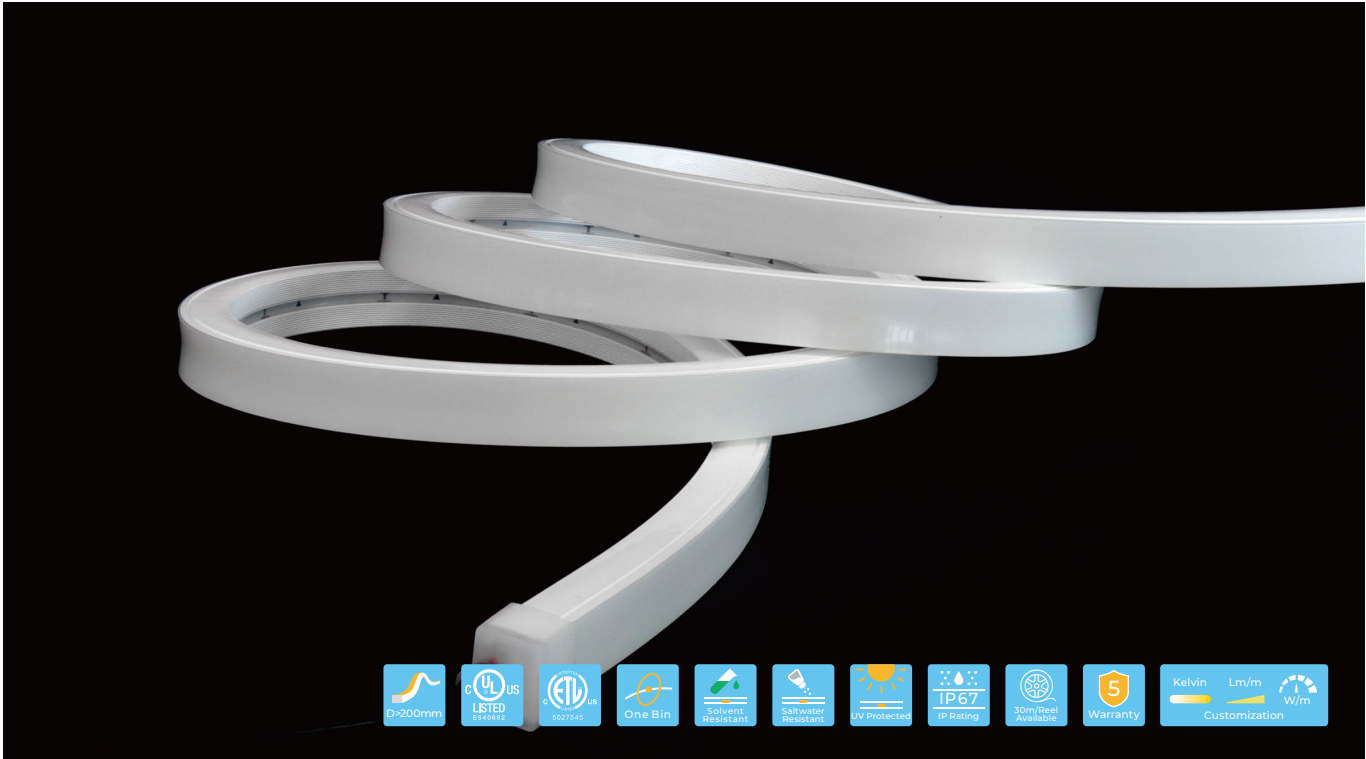


IP67 Connector
To connect 2pcs of neon after you cut it



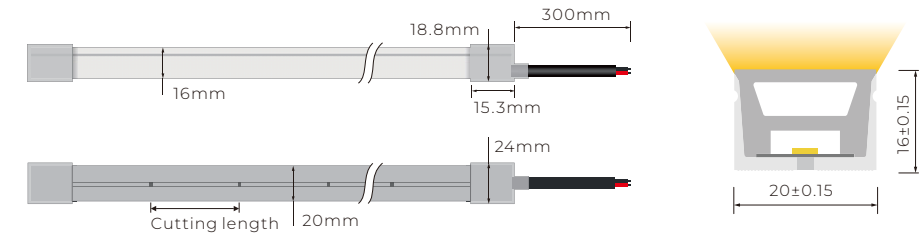
IP67 Cross Connector
To connect 2pcs of neon after you cut it

TOP BEND 2016



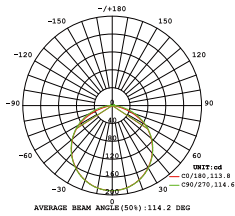
Dimensions

20mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Basic Parameters

Model No.	NS-T2016		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m/14m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	495	10	49.5
	2400K±150	525	10	52.5
	2700K±150	590	10	59
	3000K±150	590	10	59
	3500K±200	555	10	55.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	630	10	63
	5000K ⁺⁵⁰⁰ ₋₃₀₀	625	10	62.5
	6500K ⁺²⁰⁰ ₋₆₀₀	625	10	62.5
--	Red	290	10	29
	Green	610	10	61
	Blue	135	10	13.5
	Yellow	280	10	28
	Pink	260	10	26

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	570	10	57.0
	3000K±150	580	10	58.0
	4000K±300	600	10	60.0
	5000K±400	590	10	59.0
	6500K±400	570	10	57.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	312.5	5	62.5
	6000K	327.5	5	65.5
	2700K+6000K	635	10	63.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.98	3.3	20.6
	G	176.55	3.3	53.5
	B	34.65	3.3	10.5
	RGB	280	10	28



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	47.5	2.5	19
	G	156.25	2.5	62.5
	B	38.75	2.5	15.5
>90	W(3000K±200)	170	2.5	68
	RGBW	380	10	38

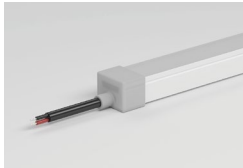
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

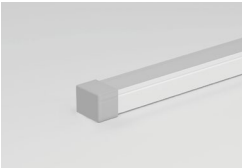


End Cap & Cable Lead Option

Silicone End Cap (IP67)



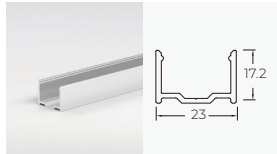
Front Cable Entry



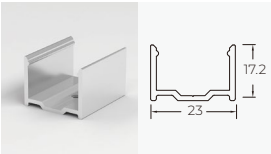
Closed End cap



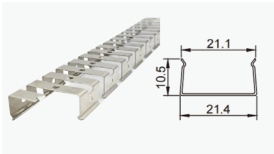
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Curved Stainless
Steel mounting profile



PVC Cable
2PIN



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



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	312.5	5	62.5
	6000K	327.5	5	65.5
	2700K+6000K	635	10	63.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.98	3.3	20.6
	G	176.55	3.3	53.5
	B	34.65	3.3	10.5
	RGB	280	10	28



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

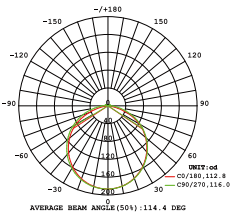
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.98	3.3	20.6
	G	176.55	3.3	53.5
	B	34.65	3.3	10.5
	RGB	280	10	28

TOP BEND 2020

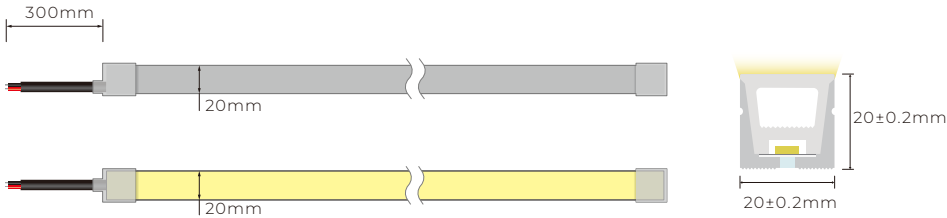


20mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



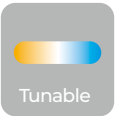
Basic Parameters

Model No.	NS-T2020	
Voltage	DC24V	
Power(w/m)	3w/15w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	High Output
Power(w/m)	3w	15w
Max. Ambient tempt.(Tamax)	55°C	35°C



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m
Cutting Length	50mm

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	22700±150	479	10	47.9
	3000±150	492	10	49.2
	3500±200	501	10	50.1
	4000±300	529	10	52.9
	5000±400	529	10	52.9
	6500±400	535	10	53.5
--	Red	220	10	22.0
	Green	550	10	55.0
	Blue	113	10	11.3
	Yellow	167	10	16.7
	Orange	203	10	20.3
	Pink	462	10	46.2

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	570	10	57.0
	3000K±150	580	10	58.0
	4000K±300	580	10	58.0
	5000K±400	590	10	59.0
	6500K±400	570	10	57.0

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	267	5	53.3
	6000K	278	5	55.5
	2700K+6000K	540	10	54.0

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.3	16.7
	G	209	3.3	63.2
	B	35	3.3	10.6
	RGB	295	10	29.5



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	50	3	16.8
	G	194	3	64.8
	B	37	3	12.3
>90	W(3000±150)	327	6	54.5
	RGBW	596	15	39.7

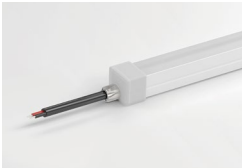
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

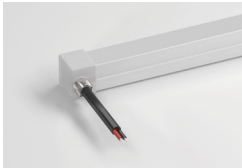


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



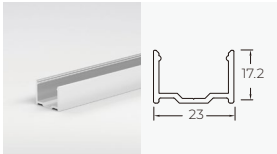
Bottom Cable Entry



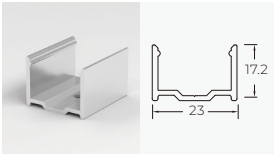
Closed End cap



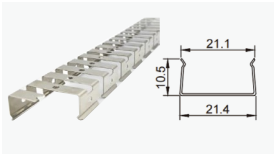
Accessories



Aluminium Profile
Length: 1m/2m/3m

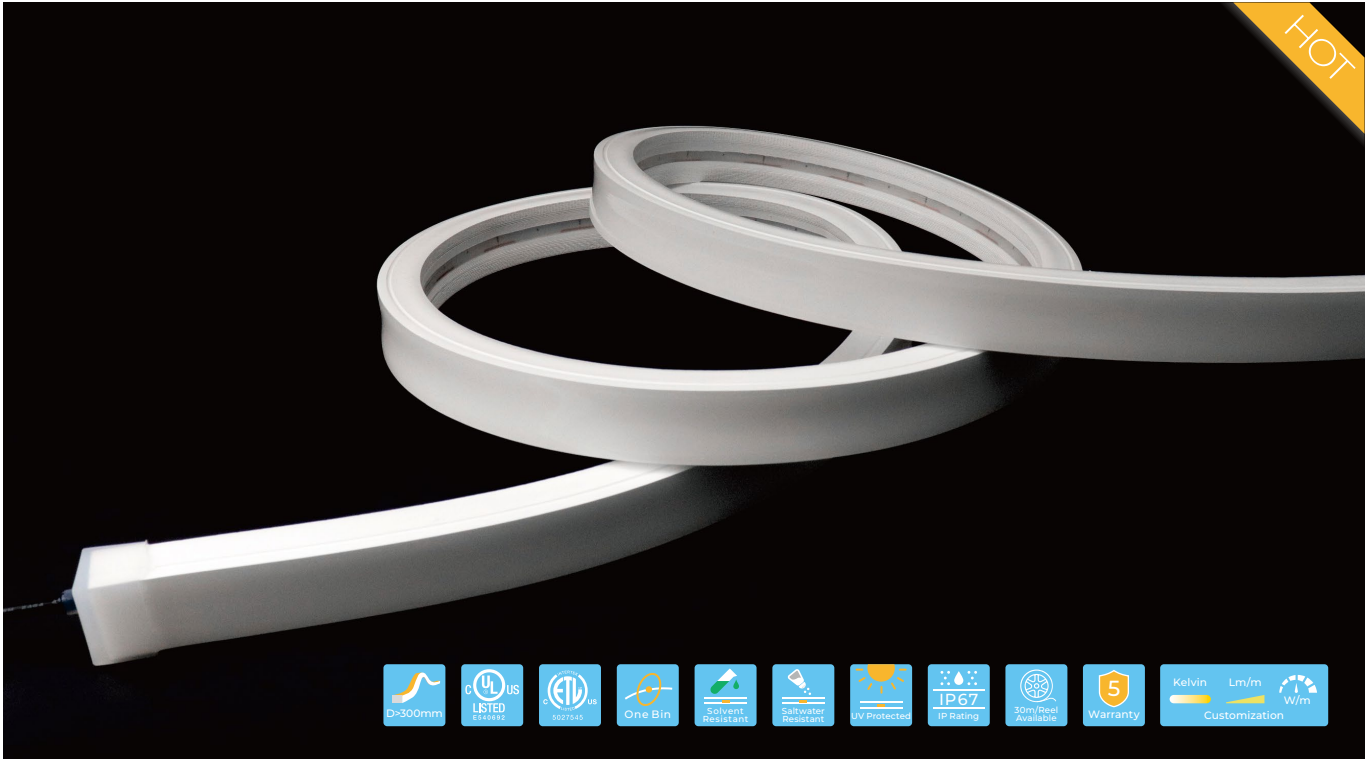


Aluminium Mounting clips
Length: 2cm

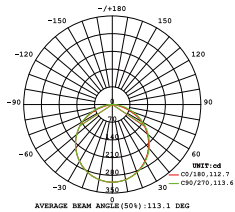


Curved Stainless
Steel mounting profile

TOP BEND 3020

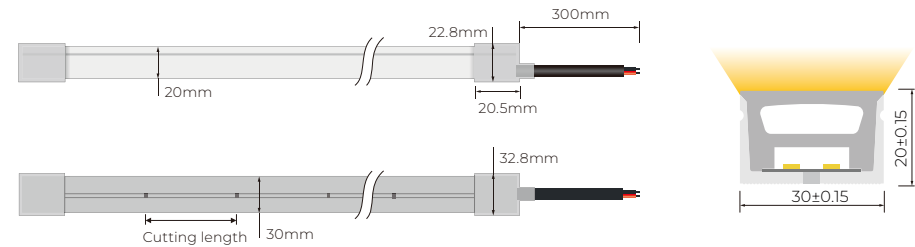


Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-T3020		
Working Voltage	DC24V		
Rated Power(w/m)	16w/20w/24w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	16w	20W	24W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	16w/20w/24w
Max. Run Length(CC)	11m/9m/7m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	1020	20	51
	2400K±150	1040	20	52
	2700K±150	1210	20	60.5
	3000K±150	1220	20	61
	3500K±200	1130	20	56.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	1280	20	64
--	5000K ⁺⁵⁰⁰ ₋₂₀₀	1300	20	65
	6500K ⁺²⁰⁰ ₋₆₀₀	1180	20	59
	Red	530	20	26.5
	Green	1240	20	62
	Blue	270	20	13.5
	Yellow	520	20	26
--	Pink	520	20	26

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	610	10	61
	6000K	650	10	65
	2700K+6000K	1230	20	61.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	133.2	6.66	20
	G	342.99	6.66	51.5
	B	69.93	6.66	10.5
	RGB	540	20	27

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262.5	5	52.5
	B	70	5	14
	W(3000K±200)	302.5	5	60.5
>80	RGBW	720	20	36

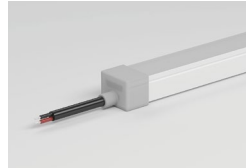
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

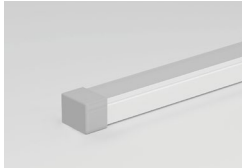


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



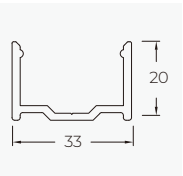
Closed End cap



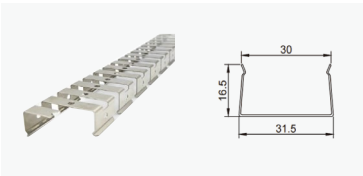
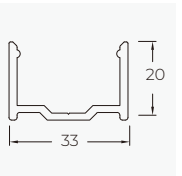
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Curved Stainless
Steel mounting profile

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)

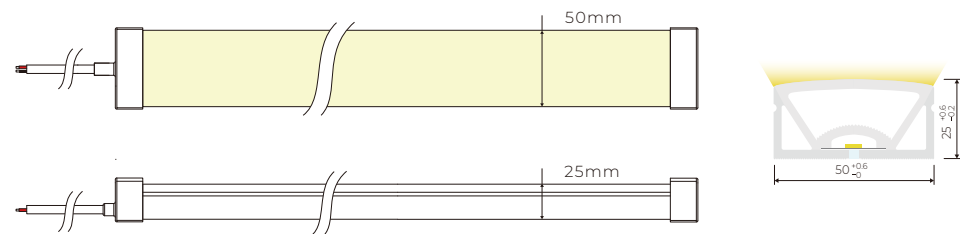
UNIT: dB

— CD/180, 112.9

— CB/270, 112.2

AVERAGE BEAM ANGLE (50%): 113.1 DEG

Dimensions



Model No.	NS-T5025
Voltage	DC24V
Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	15W
Max. Ambient tempt.(Tamax)	45°C

Single color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	15w
Max. Run Length(CC)	12m
Cutting Length	50mm

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	792	15	52.8
	3000K±150	808	15	53.9
	4000K±300	869	15	57.9
	6000K±500	826	15	55.1
--	Red	365	15	24.4
	Green	974	15	65.0
	Blue	216	15	14.4
	Yellow	292	15	19.5
	Orange	370	15	24.7
	Pink	762	15	50.8

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	390	7.5	52.1
	6000K	402	7.5	53.6
	2700K+6000K	794	15	53.0

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

CRI	CCT	lm/m	w/m	lm/w
--	R	85	5	17.1
	G	330	5	66.0
	B	61	5	12.2
	RGB	516	15	34.4

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

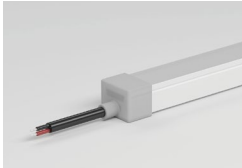
CRI	CCT	lm/m	w/m	lm/w
--	R	65	3.75	17.2
	G	188	3.75	50.2
	B	52	3.75	13.8
>80	3000K	199	3.75	52.9
	RGBW	506	15	33.7

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

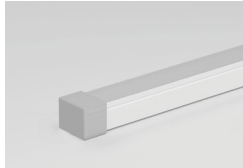


End Cap & Cable Lead Option

Silicone End Cap (IP67)



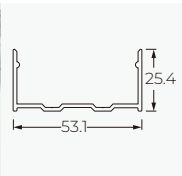
Front Cable Entry



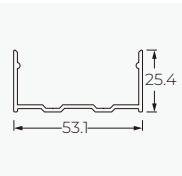
Closed End cap



Accessories

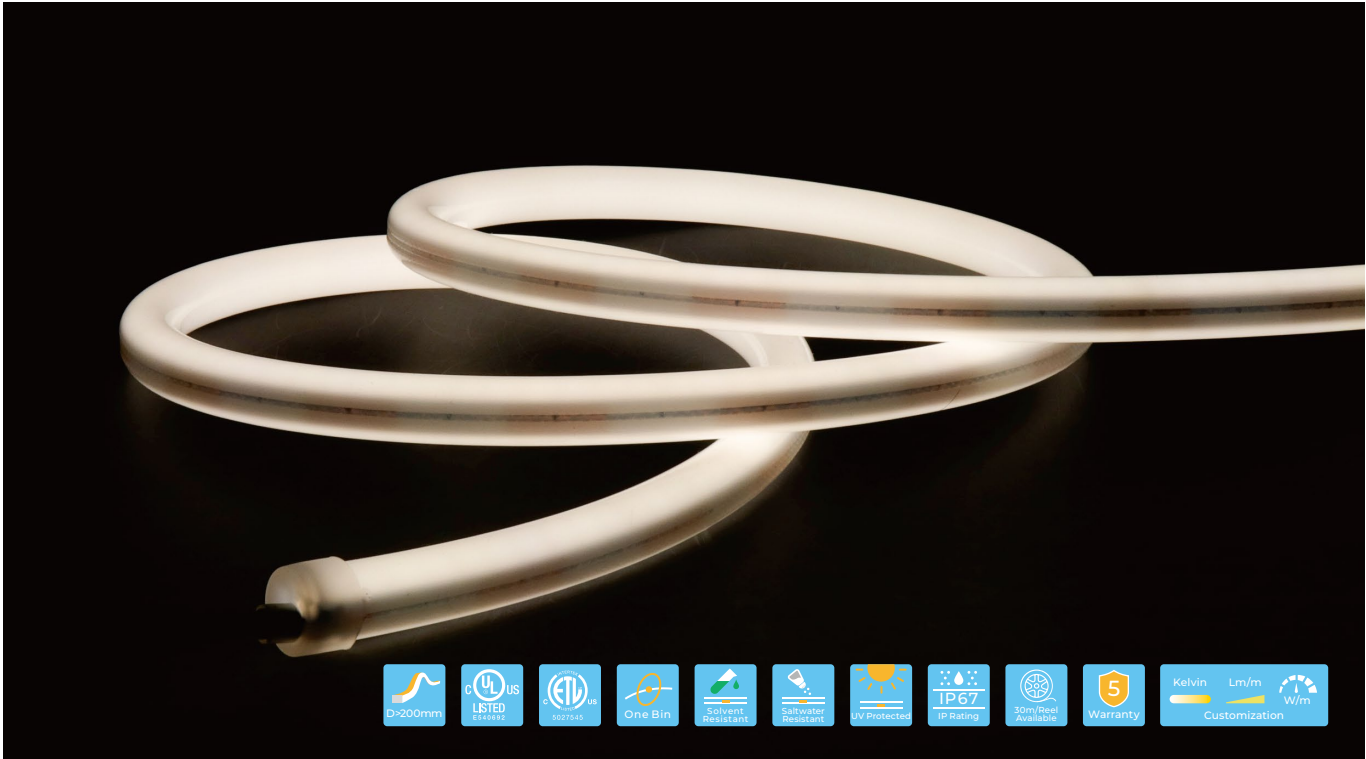


Aluminium Profile
Length: 1m/2m/3m



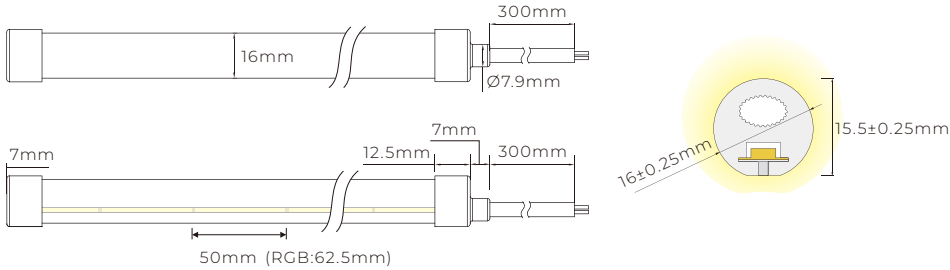
Aluminium Mounting clips
Length: 2cm

TOP BEND R16



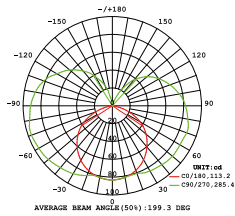
16mm diameter, near-round design, offering almost 360-degree illumination, ideal for indoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting, IP67 waterproof. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-R16	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	50°C	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	560	10	56
	2400K±150	590	10	59
	2700K±150	660	10	66
	3000K±150	650	10	65
	3500K±200	630	10	63
	4000K ⁺⁴⁰⁰ ₋₂₀₀	700	10	70
	5000K ⁺⁵⁰⁰ ₋₂₀₀	730	10	73
--	6500K ⁺²⁰⁰ ₋₆₀₀	730	10	73
	Red	310	10	31
	Green	780	10	78
	Blue	160	10	16
	Yellow	240	10	24
	Pink	330	10	33

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	660	10	66.0
	3000K±150	680	10	68.0
	4000K±300	700	10	70.0
	5000K±400	680	10	68.0
	6500K±400	660	10	66.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	365	5	73
	6000K	375	5	75
	2700K+6000K	730	10	73



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75.9	3.3	23
	G	231	3.3	70
	B	46.2	3.3	14
	RGB	350	10	35

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



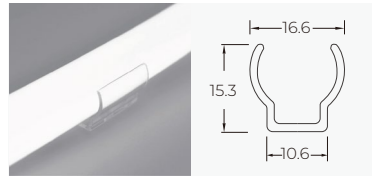
Front Cable Entry



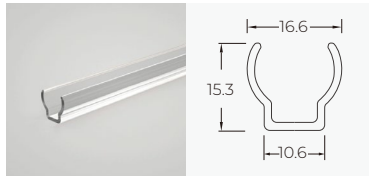
Closed End cap



Accessories

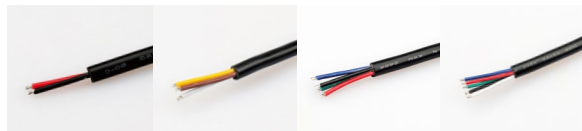


PC Profile
20x16.6x15.3mm(L x W x H)
Accessories:Screw M3x15mm



PC Profile
1000(±5)x16.6x15.3mm(L x W x H)
Accessories:Screw M3x15mm

Cable



2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector



2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

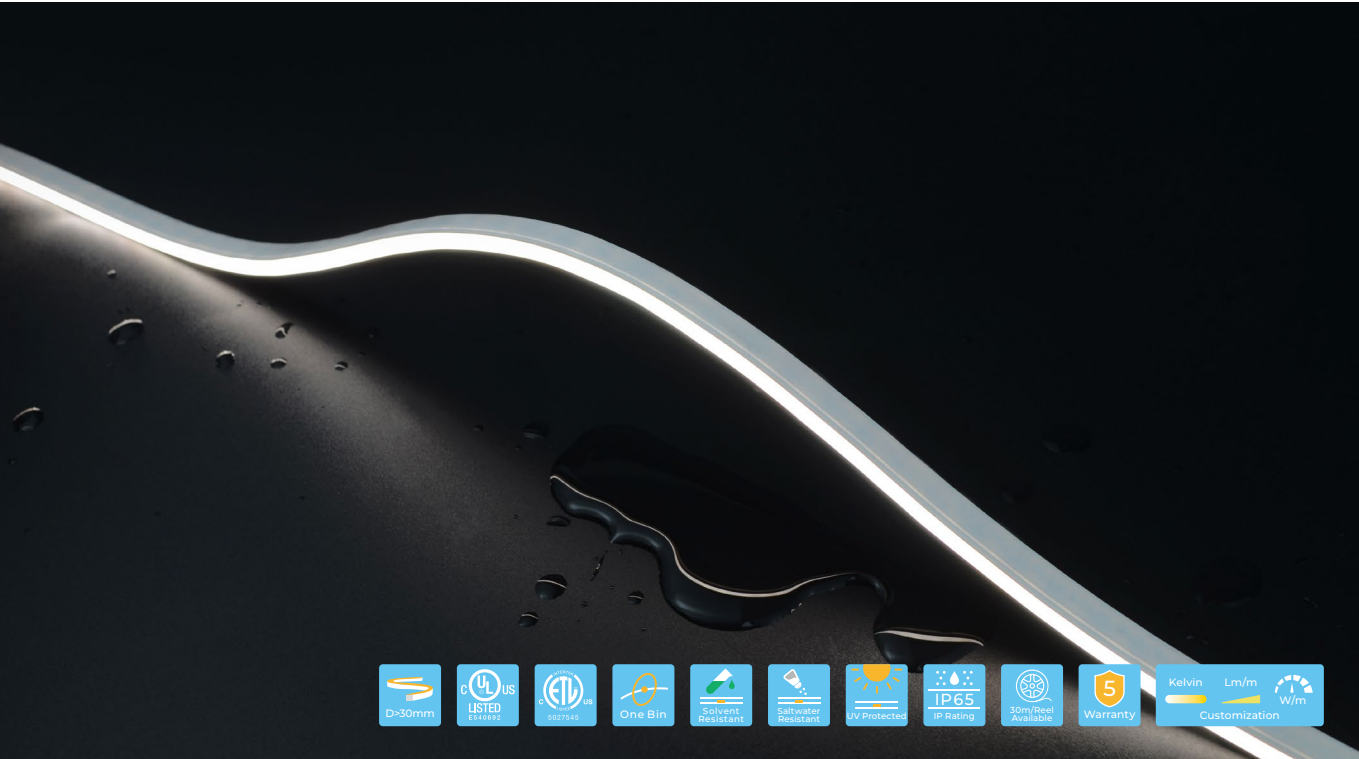
5PIN connector
(RGB+White color)

SIDE BEND NEON

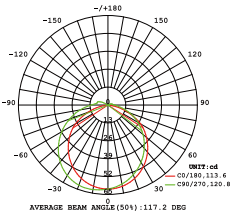
This series of neon flex can be bent horizontally and is available in various sizes, ranging from 3x6mm to 30x32mm.



SIDE BEND 0408

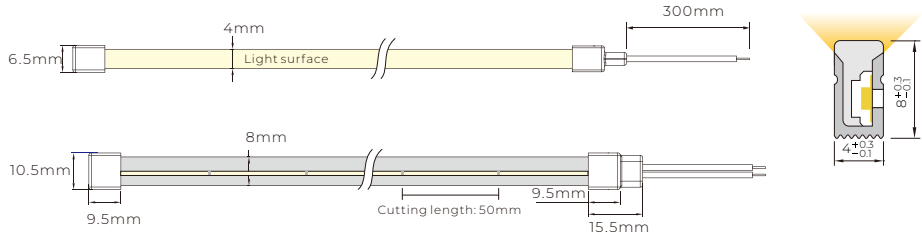


4mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
Tri-color silicone extrusion with a clear window for easy cutting.
High-density LED strip inside ensures uniform, glare-free light emission.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 6W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S0408
Voltage	DC24V
Power(w/m)	6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax 55°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	50mm

Parameters

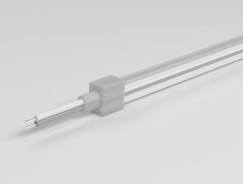
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	164	6	27.4
	3000K±150	184	6	30.6
	4000K±300	203	6	33.9
	5500K±500	191	6	31.8
--	Red	78	6	13.0
	Green	207	6	34.6
	Blue	44	6	7.4
	Yellow	55	6	9.2
	Orange	75	6	12.5
	Pink	180	6	30.1

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

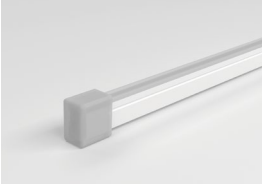


End Cap & Cable Lead Option

Silicone End Cap (IP65)



Front Cable Entry



Closed End Cap

Integral End Cap (IP44)



Front Cable Entry



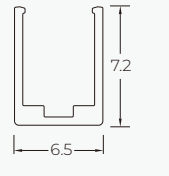
Closed End Cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

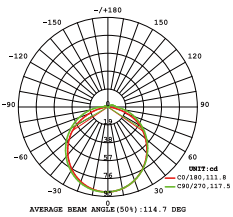


Aluminium Mounting clips
Length: 2cm

SIDE BEND 0612

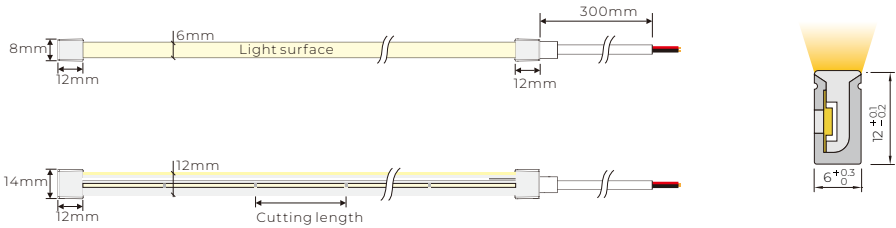


6mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve (24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S0612	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Parameters

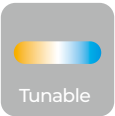
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	250	10	25
	2400K±150	310	10	31
	2700K±150	350	10	35
	3000K±150	300	10	30
	3500K±200	330	10	33
	4000K ⁺⁴⁰⁰ ₋₂₀₀	360	10	36
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	360	10	36
	6500K ⁺²⁰⁰ ₋₆₀₀	360	10	36
	Red	160	10	16
	Green	400	10	40
	Blue	50	10	5
	Yellow	125	10	12.5
--	Pink	145	10	14.5

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	300	10	30.0
	3000K±150	325	10	32.5
	4000K±300	348	10	34.8
	5000K±400	340	10	34.0
	6500K±400	325	10	32.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	125	5	25
	6000K	175	5	35
	2700K+6000K	270	10	27



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

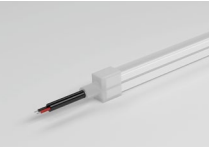
CRI	CCT	lm/m	w/m	lm/w
--	R	23.1	3.3	7
	G	52.8	3.3	16
	B	11.55	3.3	3.5
	RGB	130	10	13

- Note:**
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

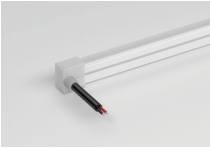


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry

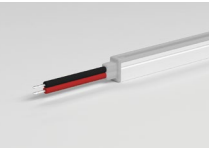


Bottom Cable Entry



Closed End cap

Integral End Cap (IP44)



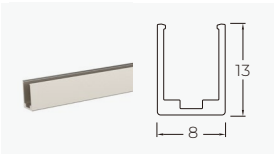
Front Cable Entry



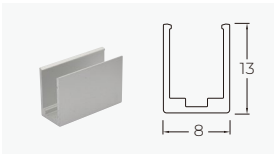
Closed End cap



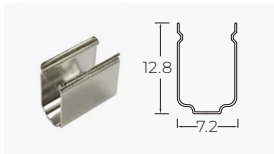
Accessories



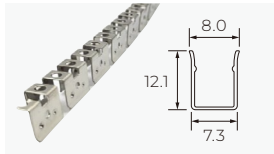
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



Curved Stainless Steel
mounting profile

Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



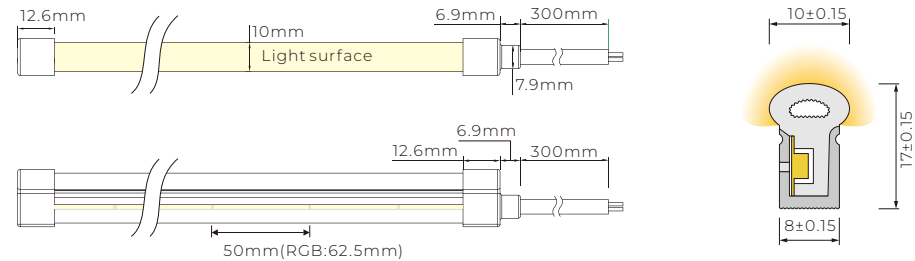
4PIN connector
(RGB color)

SIDE BEND 0817



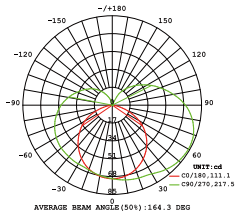
Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-S0817	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	High Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	270	10	27
	2400K±150	285	10	28.5
	2700K±150	310	10	31
	3000K±150	310	10	31
	3500K±200	320	10	32
	4000K ⁺⁴⁰⁰ ₋₂₀₀	340	10	34
	5000K ⁺⁵⁰⁰ ₋₃₀₀	345	10	34.5
--	6500K ⁺²⁰⁰ ₋₆₀₀	320	10	32
	Red	150	10	15
	Green	360	10	36
	Blue	70	10	7
	Yellow	120	10	12
	Pink	150	10	15

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	400	10	40.0
	3000K±150	420	10	42.0
	4000K±300	440	10	44.0
	5000K±400	430	10	43.0
	6500K±400	420	10	42.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	170	5	34
	6000K	172.5	5	34.5
	2700K+6000K	330	10	33



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36.3	3.3	11
	G	92.4	3.3	28
	B	16.5	3.3	5
	RGB	145	10	14.5

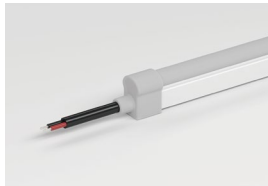
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

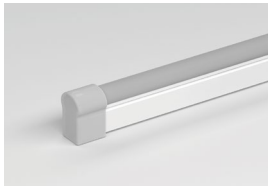
Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End Cap

Solder Free End Cap Without Screws (IP67)



Front Cable Entry



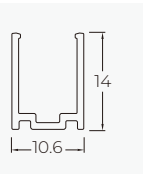
Closed End Cap



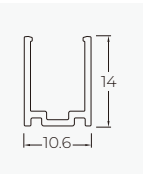
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile

Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)

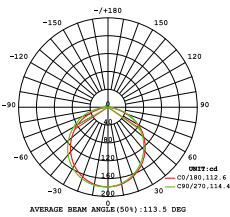


4PIN connector
(RGB color)

SIDE BEND 1010

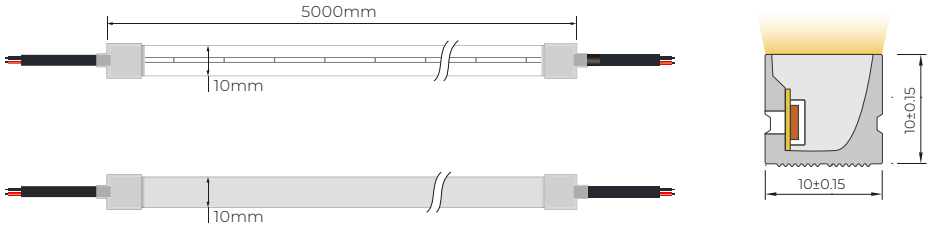


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S1010	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	530	10	53
	2400K±150	560	10	56
	2700K±150	570	10	57
	3000K±150	620	10	62
	3500K±200	590	10	59
	4000K ⁺⁴⁰⁰ ₋₂₀₀	660	10	66
	5000K ⁺⁵⁰⁰ ₋₃₀₀	670	10	67
--	6500K ⁺²⁰⁰ ₋₆₀₀	690	10	69
	Red	270	10	27
	Green	540	10	54
	Blue	130	10	13
	Yellow	260	10	26
	Pink	450	10	45

Note:
• CV: Constant Voltage CC: Constant Current.
• Max. Run length refers to single side feed in serial connection.
• The given color temperature is the temperature of finished products.
• The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
• The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

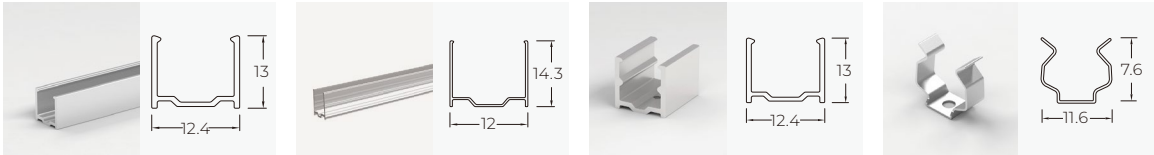
Silicone End Cap (IP67)



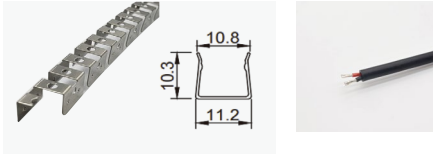
Front Cable Entry Side Cable Entry Bottom Cable Entry Closed end cap



Accessories



Aluminium Profile Length: 1m/2m/3m PC Profile Length: 1m/2m/3m Aluminium Mounting clips Length: 2cm Stainless Steel Mounting clips Length: 0.8cm

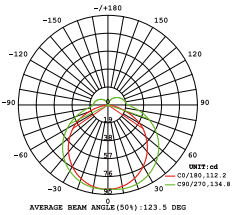


Curved Stainless Steel mounting profile PVC Cable 2PIN

SIDE BEND 1018

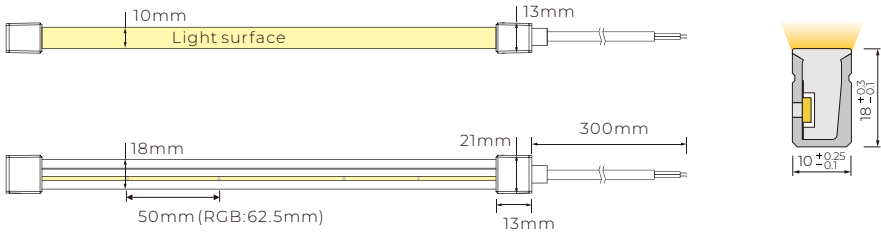


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

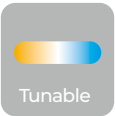
Model No.	NS-S1018		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m/18m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

- Note:**
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	275	10	27.5
	2400K±150	275	10	27.5
	2700K±150	315	10	31.5
	3000K±150	330	10	33
	3500K±200	330	10	33
	4000K ⁺⁴⁰⁰ ₋₂₀₀	355	10	35.5
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	350	10	35
	6500K ⁺²⁰⁰ ₋₆₀₀	355	10	35.5
	Red	145	10	14.5
	Green	370	10	37
	Blue	65	10	6.5
	Yellow	145	10	14.5
--	Pink	150	10	15

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	320	10	32.0
	3000K±150	345	10	34.5
	4000K±300	366	10	36.6
	5000K±400	350	10	35.0
	6500K±400	345	10	34.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	162.5	5	32.5
	6000K	175	5	35
	2700K+6000K	340	10	34

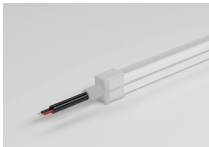
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36.3	3.3	11
	G	99	3.3	30
	B	19.8	3.3	6
	RGB	150	10	15



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



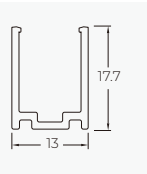
Closed End cap



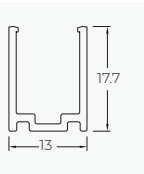
Accessories



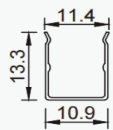
Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



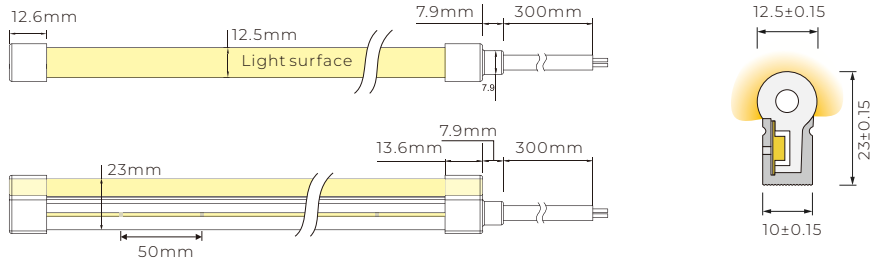
4PIN connector
(RGB color)

SIDE BEND 1023



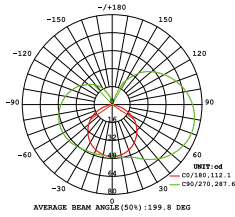
Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-S1023		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	17m/18m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2100K±150	310	10	31
	 2400K±150	320	10	32
	 2700K±150	350	10	35
	 3000K±150	350	10	35
	 3500K±200	380	10	38
	 4000K ⁺⁴⁰⁰ ₋₂₀₀	390	10	39
	 5000K ⁺⁵⁰⁰ ₋₃₀₀	380	10	38
--	 6500K ⁺²⁰⁰ ₋₆₀₀	350	10	35
	 Red	150	10	15
	 Green	405	10	40.5
	 Blue	75	10	7.5
	 Yellow	125	10	12.5
	 Pink	160	10	16

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2700K±150	395	10	39.5
	 3000K±150	410	10	41.0
	 4000K±300	434	10	43.4
	 5000K±400	420	10	42.0
	 6500K±400	420	10	42.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2700K	180	5	36
	 6000K	190	5	38
	 2700K+6000K	360	10	36



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R	33	3.3	10
	 G	97.35	3.3	29.5
	 B	19.8	3.3	6
	 RGB	145	10	14.5

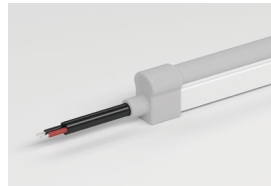
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

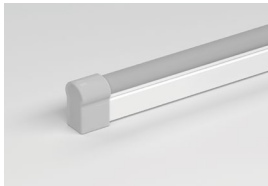


End Cap & Cable Lead Option

Silicone End Cap(IP67)



Front Cable Entry



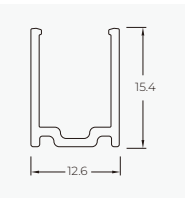
Closed End Cap



Accessories



Aluminium Mounting clips
Length: 2m



Aluminium Profile
Length: 1m/2m/3m

Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)

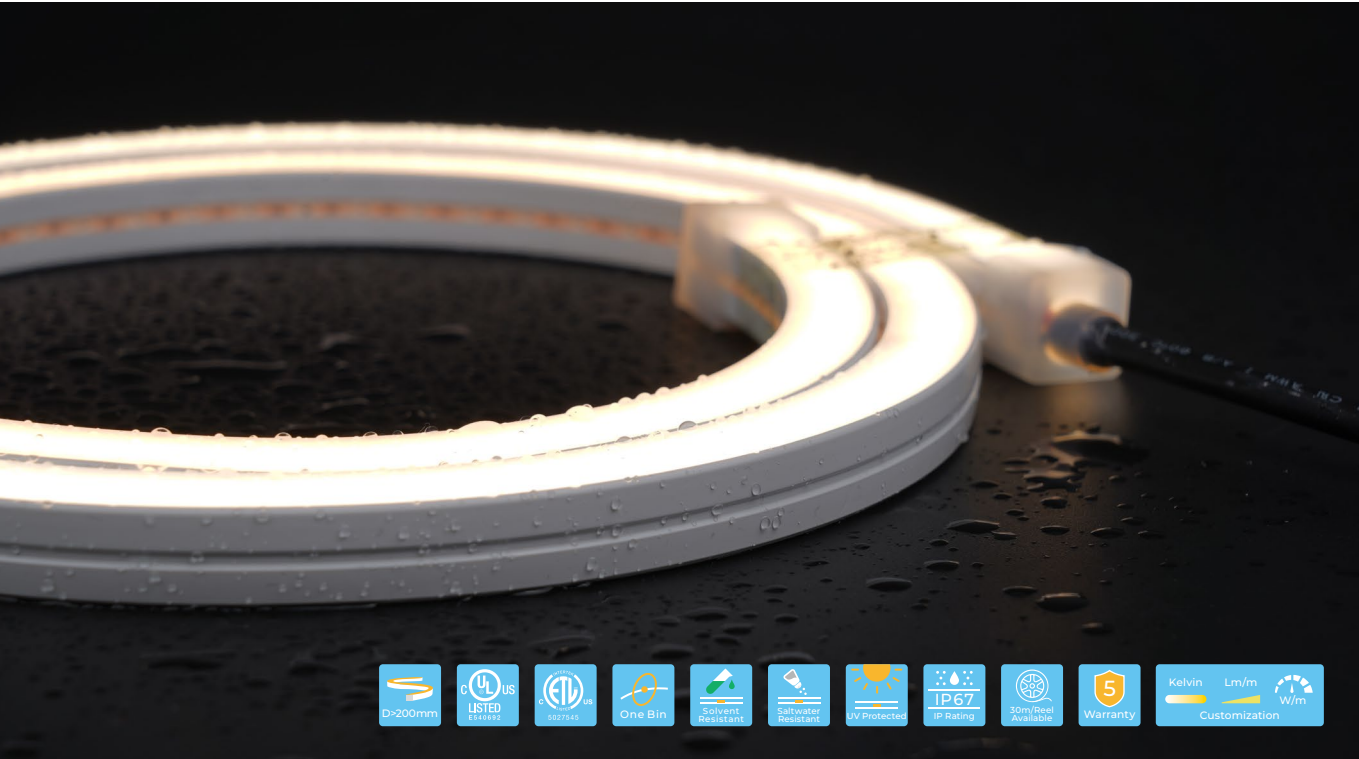


3PIN connector
(Tunable White)

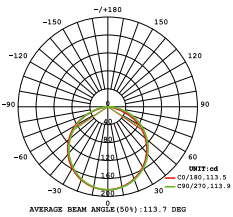


4PIN connector
(RGB color)

SIDE BEND 1212

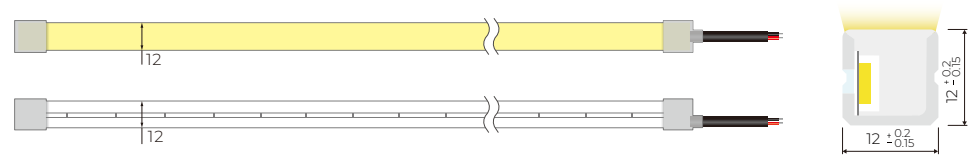


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S1212	
Voltage	DC24V	
Power(w/m)	10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	3w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C

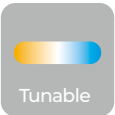


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length	13m/17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	458	10	45.8
	300K0±150	455	10	45.5
	3500K±200	495	10	49.5
	4000K±300	513	10	51.3
	5000K±400	515	10	51.5
	6500K±500	493	10	49.3
--	Red	222	10	22.2
	Green	492	10	49.2
	Blue	102	10	10.2
	Yellow	148	10	14.8
	Orange	207	10	20.7
	Pink	455	10	45.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	225	5	45.1
	6000K	261	5	52.3
	2700K+6000K	483	10	48.3



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	58	3.3	17.6
	G	152	3.3	46.2
	B	27	3.3	8.3
	RGB	243	10	24.3



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	50	5	10.1
	G	147	5	29.5
	B	24	5	4.8
	RGB	199	12	16.6

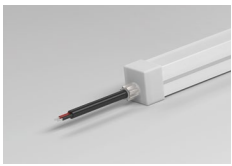
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

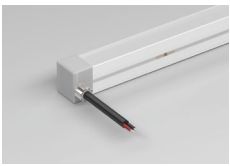


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



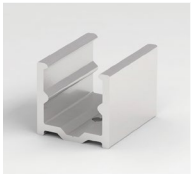
Bottom Cable Entry



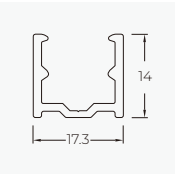
Closed End Cap



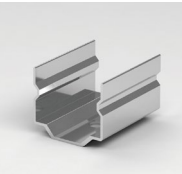
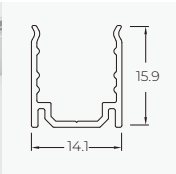
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m

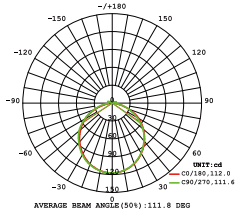


Stainless Steel Mounting clips
Length: 2cm

SIDE BEND 1220

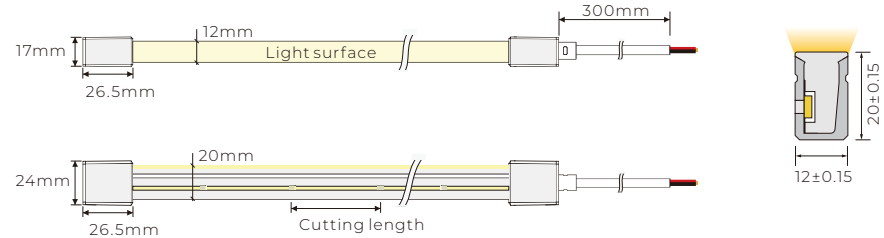


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S1220		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

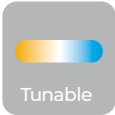


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/17m/12m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Note:

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2100K±150	260	10	26
	 2400K±150	295	10	29.5
	 2700K±150	305	10	30.5
	 3000K±150	310	10	31
	 3500K±200	345	10	34.5
	 4000K ⁺⁴⁰⁰ ₋₂₀₀	340	10	34
--	 5000K ⁺⁵⁰⁰ ₋₃₀₀	330	10	33
	 6500K ⁺²⁰⁰ ₋₆₀₀	330	10	33
	 Red	155	10	15.5
	 Green	373	10	37.3
	 Blue	70	10	7
	 Yellow	155	10	15.5
	 Pink	150	10	15

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2700K±150	300	10	30.0
	 3000K±150	310	10	31.0
	 4000K±300	330	10	33.0
	 5000K±400	320	10	32.0
	 6500K±400	310	10	31.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2700K	172.5	5	34.5
	 6000K	185	5	37
	 2700K+6000K	354	10	35.4



RGB

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	CV: 5w/10w/15w CC: 11w
Max. Run Length	13m/5m
Cutting Length	125mm/62.5mm



RGBW

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	CV: 5w/10w/15w CC: 15w
Max. Run Length	10m/5m
Cutting Length	125mm/62.5mm

Parameters (CC 13m)

CRI	CCT	lm/m	w/m	lm/w
--	 R	33	3.7	9.0
	 G	128	3.7	34.7
	 B	19	3.7	5.1
	 RGB	171	11	15.5

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	 R	36.3	3.3	11
	 G	107.3	3.3	32.5
	 B	23.1	3.3	7
	 RGB	160.0	10	16

Parameters (CC 10m)

CRI	CCT	lm/m	w/m	lm/w
--	 R	36	3.75	36
	 G	86	3.75	86
	 B	24	3.75	24
	 W4000K	103	3.75	103
	 RGBW	234	15	234

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	 R	22.5	2.5	9
	 G	80	2.5	32
	 B	20	2.5	8
	 W4000K	93.75	2.5	37.5
	 RGBW	220	10	22

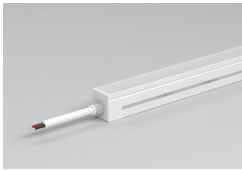
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Integral End Cap(IP67)



Front Cable Entry



Side Cable Entry

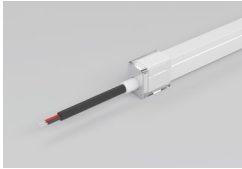


Bottom Cable Entry



Closed End cap

Solder Free End Cap(IP67)



Front Cable Entry



Side Cable Entry

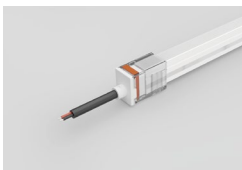


Bottom Cable Entry

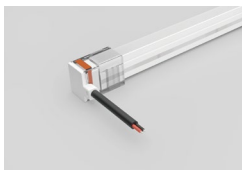


Closed End cap

Solder Free End Cap Without Screws (IP67)



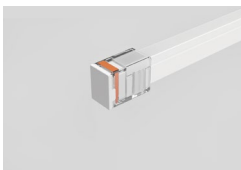
Front Cable Entry



Side Cable Entry

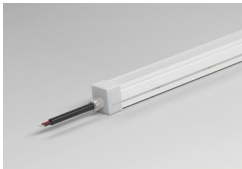


Bottom Cable Entry



Closed End cap

Silicone End Cap(IP67)



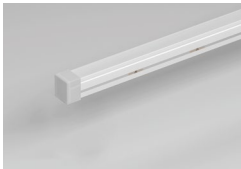
Front Cable Entry



Side Cable Entry



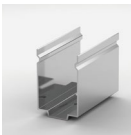
Bottom Cable Entry



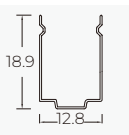
Closed End cap



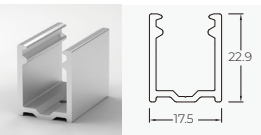
Accessories



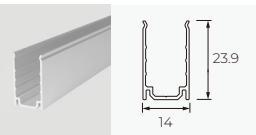
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge:
0.5mm2/22AWG



Anti-rain connector



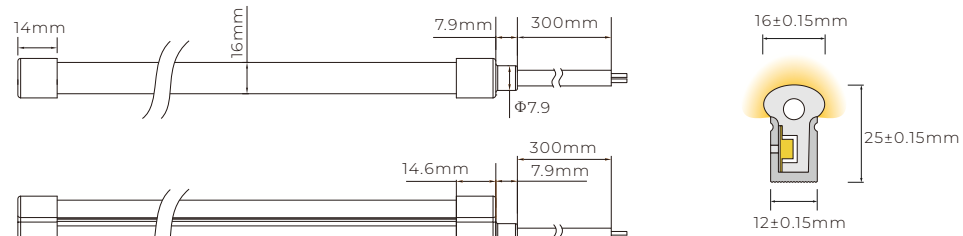
PC closed end cap
Dimension:
26.5x17x24.2mm

SIDE BEND 1225



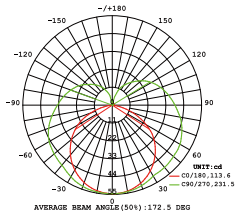
Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-S1225		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve
(24V, 10W, 4000K)

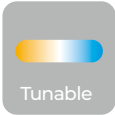


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/17m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	240	10	24
	2400K±150	270	10	27
	2700K±150	290	10	29
	3000K±150	290	10	29
	3500K±200	305	10	30.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	320	10	32
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	300	10	30
	6500K ⁺²⁰⁰ ₋₆₀₀	315	10	31.5
	Red	125	10	12.5
	Green	340	10	34
	Blue	60	10	6
	Yellow	105	10	10.5
--	Pink	135	10	13.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	150	5	30
	6000K	157.5	5	31.5
	2700K+6000K	295	10	29.5



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	29.7	3.3	9
	G	85.8	3.3	26
	B	16.5	3.3	5
	RGB	135	10	13.5



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	15	2.5	6
	G	67.5	2.5	27
	B	12.5	2.5	5
>80	W(3000K±200)	75	2.5	30
	RGBW	180	10	18

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP67)

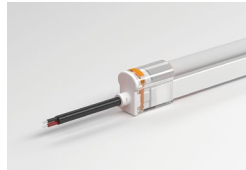


Bottom Cable Entry



Closed End cap

Solder Free End Cap Without Screws (IP67)



Front Cable Entry



Side Cable Entry

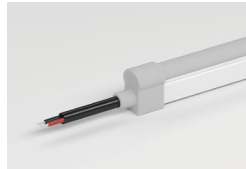


Bottom Cable Entry

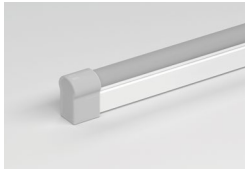


Closed End cap

Silicone End Cap (IP67)



Front Cable Entry



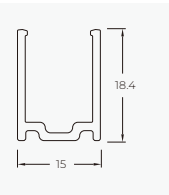
Closed End cap



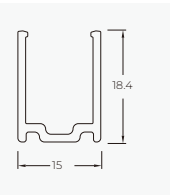
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)

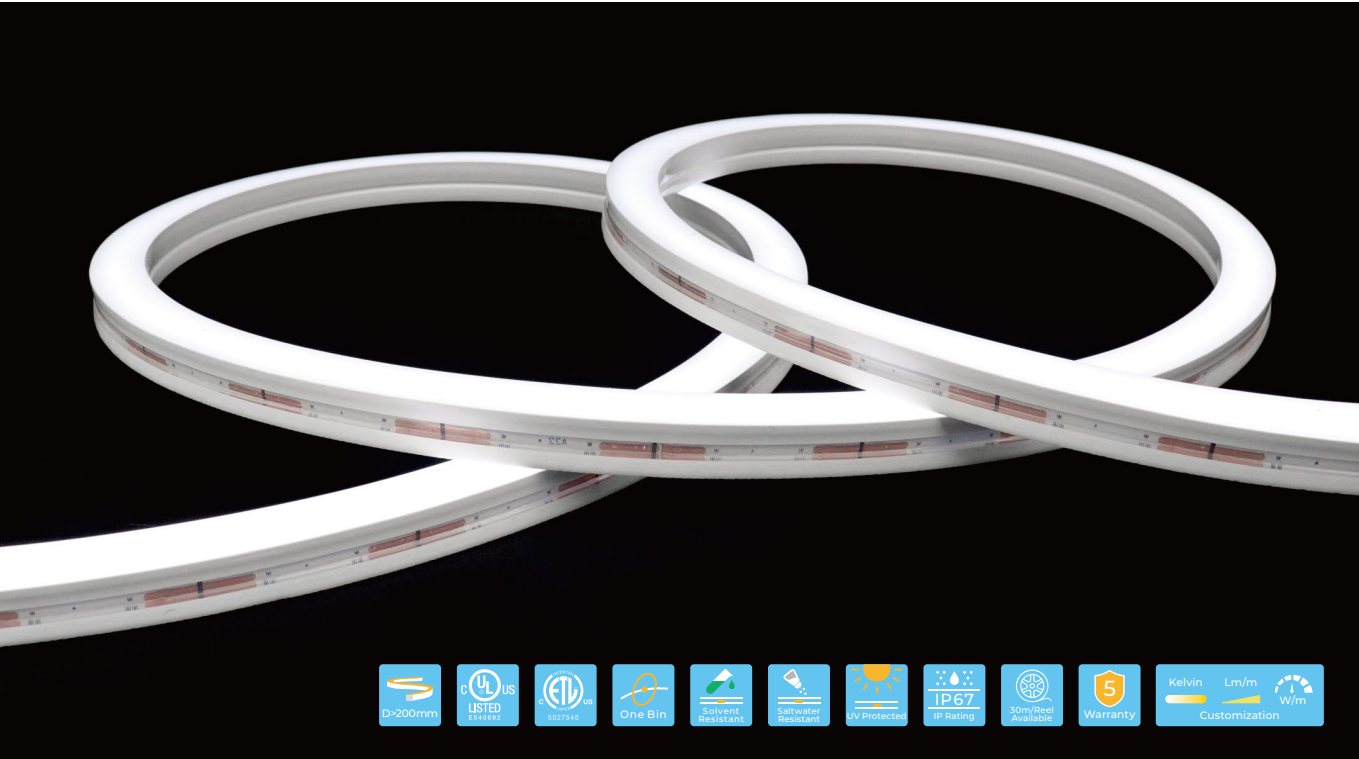


4PIN connector
(RGB color)

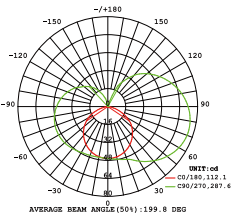


5PIN connector
(RGB+White color)

SIDE BEND 1615

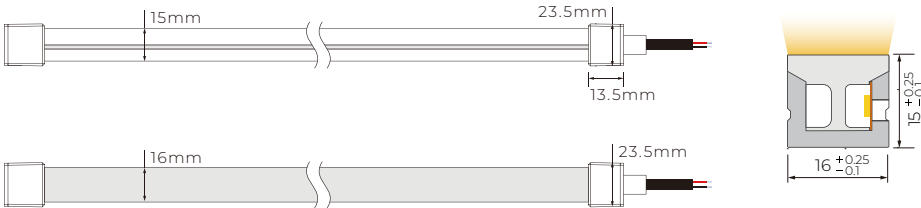


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Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S1615		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

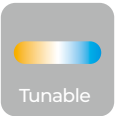


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	25m/17m/12m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	460	10	46
	2400K±150	540	10	54
	2700K±150	660	10	66
	3000K±150	570	10	57
	3500K±200	630	10	63
	4000K ⁺⁴⁰⁰ ₋₂₀₀	720	10	72
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	750	10	75
	6500K ⁺²⁰⁰ ₋₆₀₀	690	10	69
	Red	290	10	29
	Green	550	10	55
	Blue	130	10	13
	Yellow	290	10	29
	Pink	470	10	47

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	590	10	59.0
	3000K±150	600	10	60.0
	4000K±300	620	10	62.0
	5000K±400	610	10	61.0
	6500K±400	600	10	60.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	330	5	66
	6000K	345	5	69
	2700K+6000K	670	10	67

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75.9	3.3	23
	G	191.4	3.3	58
	B	36.3	3.3	11
	RGB	310	10	31



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	57.5	2.5	23
	G	225	2.5	90
	B	42.5	2.5	17
>90	W(3000K±150)	183.75	2.5	73.5
	RGBW	510	10	51

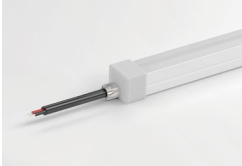
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

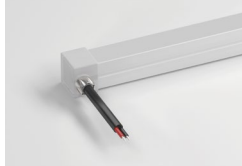


End Cap & Cable Lead Option

Silicone End Cap (IP67)



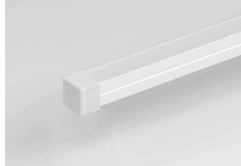
Front Cable Entry



Side Cable Entry

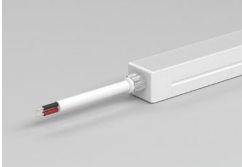


Bottom Cable Entry



Closed End cap

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



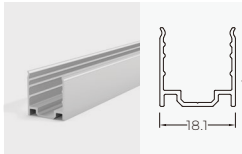
Bottom Cable Entry



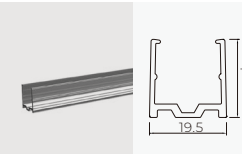
Closed End cap



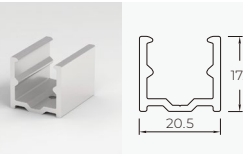
Accessories



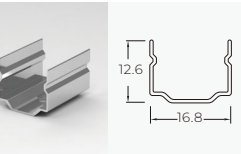
Aluminium Profile
Length: 1m/2m/3m



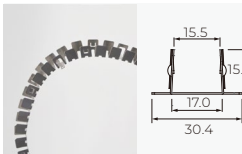
PC Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



Flexible Curved Profile
Length: 0.5m

Cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)

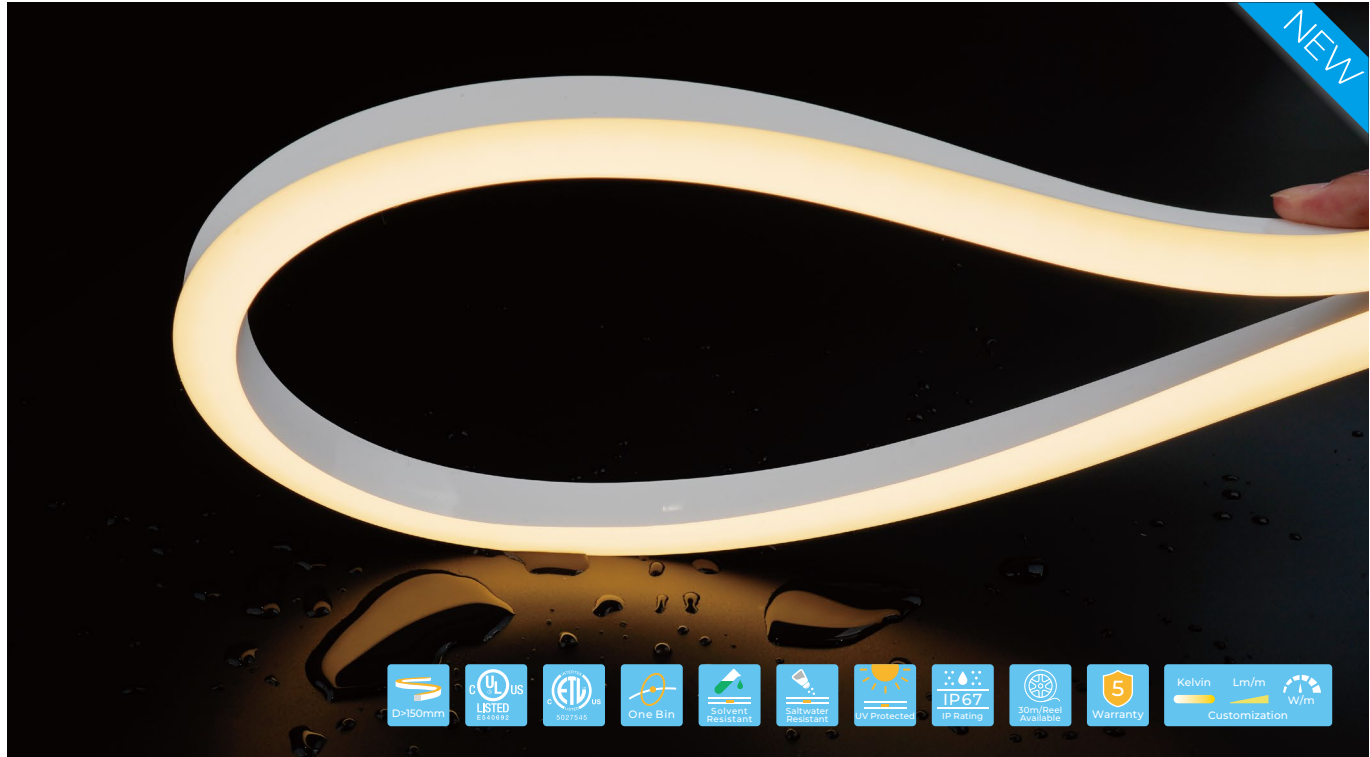


4PIN connector
(RGB color)

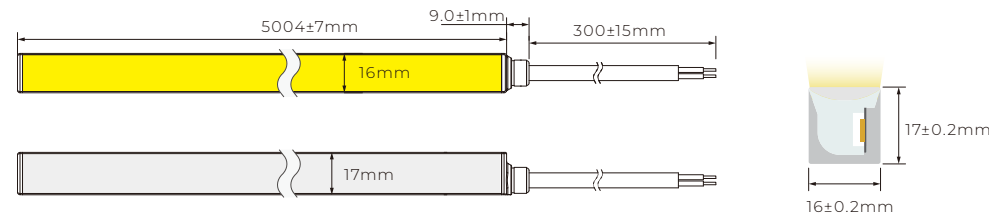


5PIN connector
(RGB+White color)

SIDE BEND 1617



Dimensions

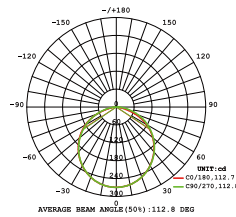


Basic Parameters

Model No.	NS-S1617
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length >10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

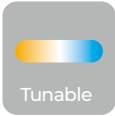


Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	692	10	69.2
	3000K	720	10	72.0
	3500K	746	10	74.6
	4000K	738	10	73.8
	5000K	741	10	74.1
--	6500K	751	10	75.1
	Red	275	10	27.5
	Green	689	10	68.9
	Blue	142	10	14.2
	Yellow	219	10	21.9
	Orange	831	10	27.2
	Pink	831	10	58.6



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	660	10	66.0
	6000K	709	10	70.9
	2700K+6000K	789	11	71.7



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	61	3.3	18.6
	G	227	3.3	68.7
	B	38	3.3	11.5
	RGB	329	10	32.9



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	70	3.75	18.7
	G	267	3.75	71.3
	B	49	3.75	13.0
	3000K ±150	234	3.75	62.4
>80	RGBW	644	15	42.9

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP67)



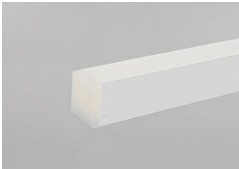
Front Cable Entry



Side Cable Entry

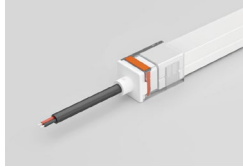


Bottom Cable Entry



Closed End cap

Solder Free End Cap Without Screws (IP67)



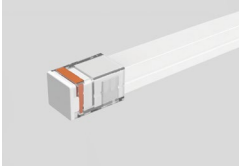
Front Cable Entry



Side Cable Entry



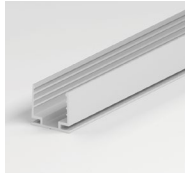
Bottom Cable Entry



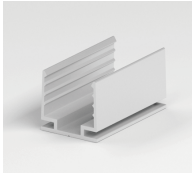
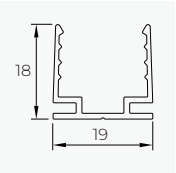
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

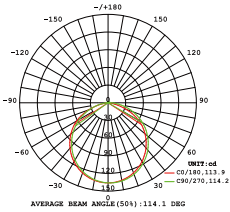


Aluminium Mounting clips
Length: 2cm

SIDE BEND 2020

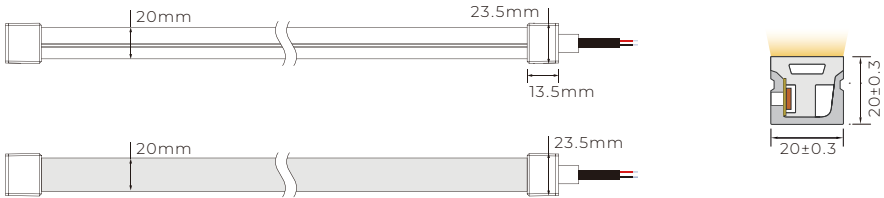


20mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S2020		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

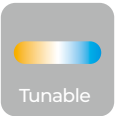


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/17m/12m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/88.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	380	10	38
	2400K±150	450	10	45
	2700K±150	460	10	46
	3000K±150	430	10	43
	3500K±200	480	10	48
	4000K ⁺⁴⁰⁰ ₋₂₀₀	470	10	47
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	470	10	47
	6500K ⁺²⁰⁰ ₋₆₀₀	460	10	46
	Red	220	10	22
	Green	350	10	35
	Blue	100	10	10
	Yellow	210	10	21
--	Pink	340	10	34

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	400	10	40.0
	3000K±150	425	10	42.5
	4000K±300	442	10	44.2
	5000K±400	430	10	43.0
	6500K±400	415	10	41.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	250	5	50
	6000K	255	5	51
	2700K+6000K	490	10	49

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	59.4	3.3	18
	G	128.7	3.3	39
	B	23.1	3.3	7
	RGB	210	10	21



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/88.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	35	2.5	14
	G	97.5	2.5	39
	B	30	2.5	12
>80	W(3000K±200)	130	2.5	52
	RGBW	290	10	29

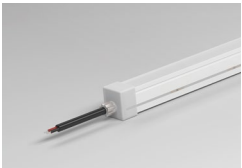
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

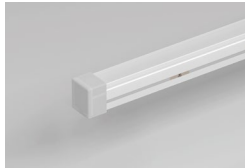


End Cap & Cable Lead Option

Silicone End Cap (Ip67)



Front Cable Entry



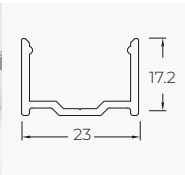
Closed End cap



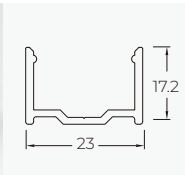
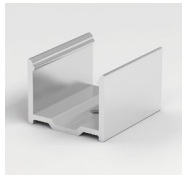
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



4PIN connector
(RGB color)

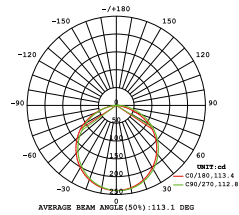


5PIN connector
(RGB+White color)

SIDE BEND 3032

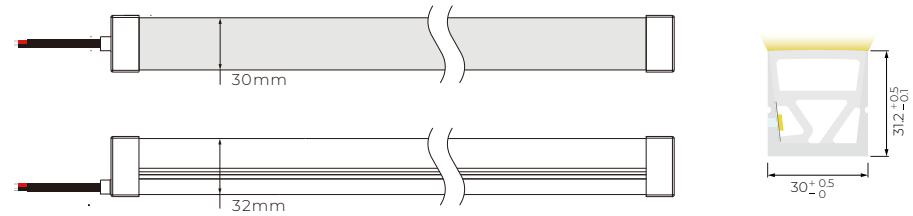


Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V,15W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-S3032
Voltage	DC24V
Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	15W
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	15w
Max. Run Length	12m
Cutting Length	50mm

Parameters

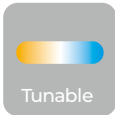
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	645	15	43
	3000K±150	660	15	44
	4000K ⁺⁴⁰⁰ ₋₂₀₀	743	15	49.5
--	6500K ⁺²⁰⁰ ₋₆₀₀	666	15	44.4
	Red	284	15	18.9
	Green	632	15	42.1
	Blue	149	15	9.9
	Yellow	195	15	13
	Orange	273	15	18.2
	Pink	581	15	38.7

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	485	10	48.5
	3000K±150	512	10	51.2
	4000K±300	535	10	53.5
--	5000K±400	510	10	51.0
	6500K±400	500	10	50.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	314	7.5	41.9
	6500K±500	341	7.5	45.4
	2700K+6500K	650	15	43.3



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75	5	14.9
	G	275	5	54.9
	B	48	5	9.6
	RGB	375	15	25



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	64	3.8	16.9
	G	225	3.8	59.1
	B	43	3.8	11.4
>90	3000K±150	199	3.8	52.4
	RGBW	518	15	34.5

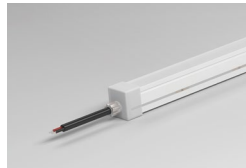
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



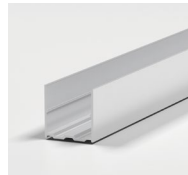
Front Cable Entry



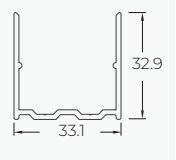
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



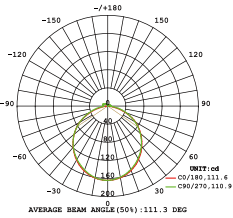
3D BEND NEON

The 3D series can be bent both horizontally and vertically, enabling the creation of various shapes and designs freely in space.

3D BEND 3D1010

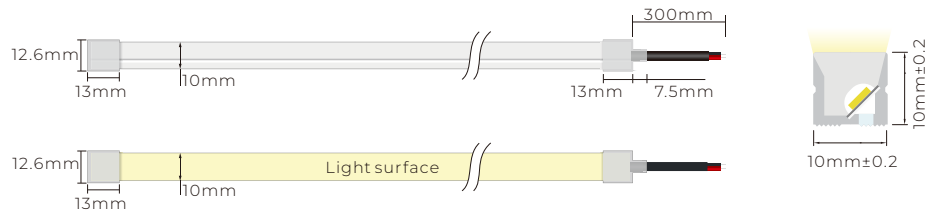


10mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-3D1010
Voltage	DC24V
Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax=-50°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	464	10	46.4
	3000K±150	486	10	48.6
	3500K±200	491	10	49.1
	4000K ⁺⁴⁰⁰ ₋₂₀₀	506	10	50.6
	5000K ⁺⁵⁰⁰ ₋₃₀₀	506	10	50.6
	6500K ⁺²⁰⁰ ₋₆₀₀	493	10	49.3
--	Red	168	10	16.8
	Green	445	10	44.5
	Blue	95	10	9.5
	Yellow	110	10	11.0
	Orange	147	10	14.7
	Pink	371	10	37.1

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

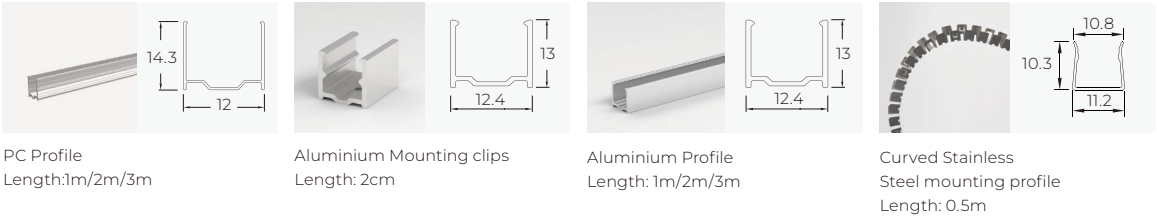
Silicone End Cap (IP67)



Integral End Cap (IP67)



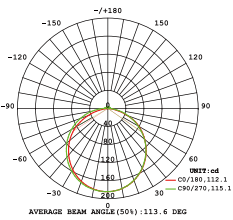
Accessories



3D BEND 3D1615

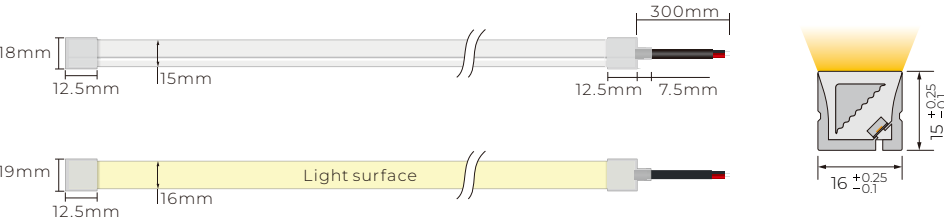


16mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-3D1615	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax=-55°C	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	5m
Cutting Length	50mm

Parameters

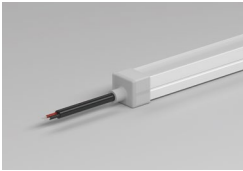
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	600	10	60
	2400K±150	630	10	63
	2700K±150	670	10	67
	3000K±150	700	10	70
	3500K±200	730	10	73
	4000K ⁺⁴⁰⁰ ₋₂₀₀	730	10	73
--	5000K ⁺⁵⁰⁰ ₋₂₀₀	750	10	75
	6500K ⁺²⁰⁰ ₋₆₀₀	730	10	73
	Red	310	10	31
	Green	530	10	53
	Blue	140	10	14
	Yellow	260	10	26
	Pink	480	10	48

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

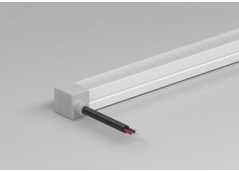


End Cap & Cable Lead Option

Silicone End Cap (IP67)



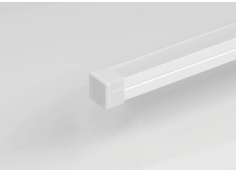
Front Cable Entry



Side Cable Entry

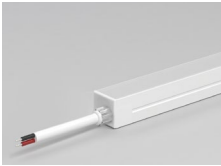


Bottom Cable Entry



Closed End cap

Integral End Cap (IP67)



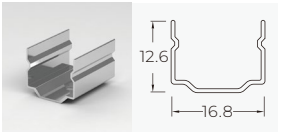
Front Cable Entry



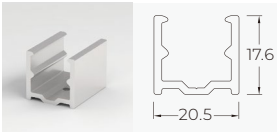
Closed End cap



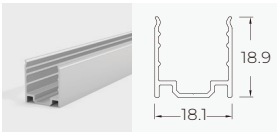
Accessories



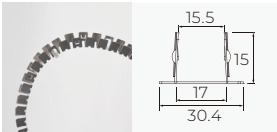
Stainless Steel Mounting clips
Length:2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



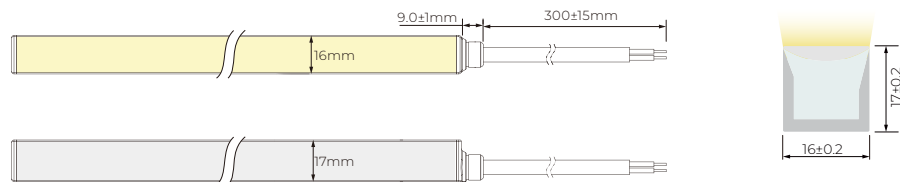
Curved Stainless
Steel mounting profile
Length: 0.5m

NEW

16mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube.

Dust-resistant matte finish ensures a clean look with uniform, natural light.

5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm



Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	71.43mm



Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm



Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	737.6	10	73.8
	3000K±150	713.2	10	71.3
	3500K±200	740.6	10	74.1
	4000K±300	812.2	10	81.2
	5000K±400	800.1	10	80.0
	6500K±400	739.0	10	73.9
--	Red	335.7	10	33.6
	Green	933.1	10	93.3
	Blue	145.0	10	14.5
	Yellow	251.4	10	25.1
	Pink	668.3	10	66.8
	Orange	391.1	10	39.1

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	368.3	5	73.7
	6000K	375.0	5	75.0
	2700K+6000K	740.2	10	74.0

CRI	CCT	lm/m	w/m	lm/w
--	R	71.9	3.3	21.8
	G	208.4	3.3	63.1
	B	40.6	3.3	12.3
	RGB	3231	10	32.3

CRI	CCT	lm/m	w/m	lm/w
--	R	69.3	3.75	18.4
	G	214.2	3.75	57.1
	B	41.8	3.75	777
>90	4000K±300	1771	3.75	47.2
	RGBW	497.7	15	33.1



SPI RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	12.5w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.7	4.8	14.1
	G	190.1	4.8	39.61
	B	29.5	4.8	6.15
	RGB	399.9	12.5	22.59

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



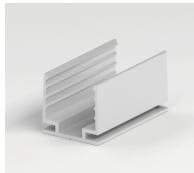
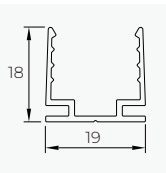
Closed End cap



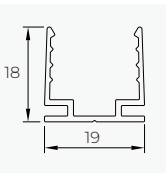
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm





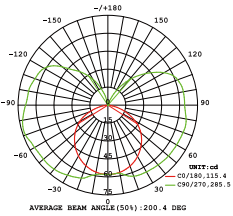
ROUND 360° NEON

360° uniform lighting without shadows, featuring a dust-resistant surface with a matte finish, stylish appearance, and elegant design.

ROUND 360° R13

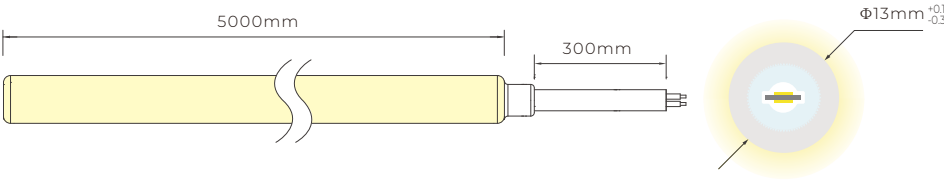


13mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 8.6W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-R13	
Voltage	DC24V	
Power(w/m)	3w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	High Output
Power(w/m)	3w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	3w/10w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	385	8.6	44.7
	2400K±150	461	8.6	53.6
	2700K±150	514	8.6	59.8
	3000K±150	518	8.6	60.2
	3500K±200	506	8.6	58.8
	4000K±300	531	8.6	61.7
--	5200K±400	500	8.6	58.1
	6500K±400	489	8.6	56.9
	Red	55	8.6	6.4
	Green	599	8.6	69.6
	Blue	115	8.6	13.3
	Yellow	93	8.6	10.8
	Orange	101	8.6	11.7

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Front Cable Entry



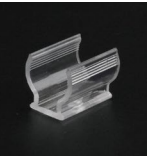
Front Cable Entry



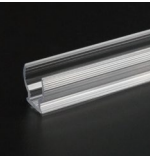
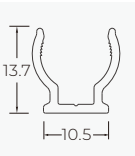
Closed End Cap



Accessories

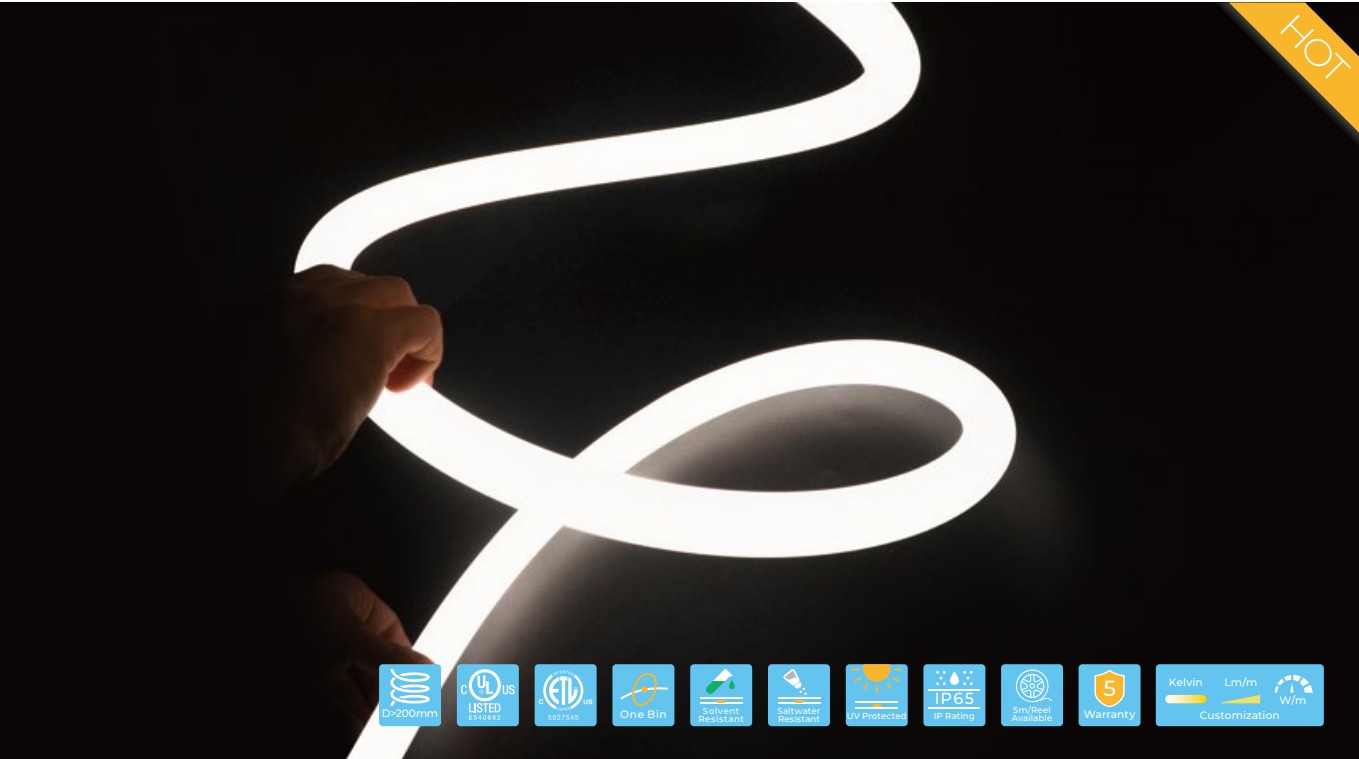


PC clips
20x10.5x13.7mm(L x W x H)
Accessories:Screw M3x15mm

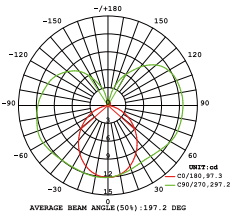


PC Profile
1000(±5)x10.5x13.7mm(L x W x H)
Accessories:Screw M3x15mm

ROUND 360° R25

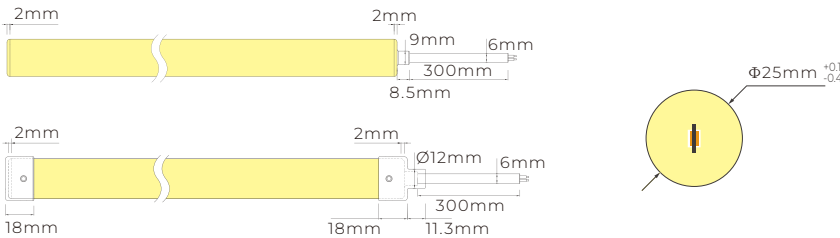


25mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
Supports various installation methods for creative lighting designs.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NS-R25		
Voltage	DC24V		
Power(w/m)	5w/10w/16w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	16w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

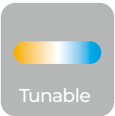
CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	525	10	56
	2700K±150	517	10	55
	3000K±150	529	10	27
	3500K±200	600	10	61
	4000K±300	556	10	59
	5000K±300	604	10	62
--	6000K±300	586	10	60
	R: 620-630nm	246	10	25
	G: 520-530nm	502	10	50
	B: 465-475nm	114	10	11
	Y: 585-595nm	209	10	21
	Pink	409	10	41

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	517	10	51.7
	3000K±150	529	10	52.9
	4000K±300	556	10	55.6
	6500K±400	586	10	58.6



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	258	5	50
	5000K	262	5	50
	3500K	517	10	50



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	56	3.3	16
	G: 520-530nm	162	3.3	47
	B: 465-475nm	26	3.3	7
	RGB	248	10	24



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R: 620-630nm	58	2.5	15
	 G: 520-530nm	194	2.5	49
	 B: 465-475nm	32	2.5	8
>90	 RGB	281	2.5	23
	 3000K	224	10	56

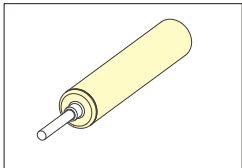
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

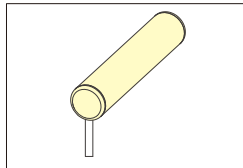


End Cap & Cable Lead Option

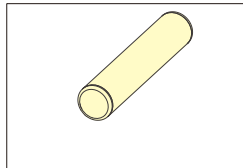
Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips,Tapping screws, Expand-able rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Metal Connector for Front Cable Entry
Metal connector,Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
Transparent PC clips, Transpar-ent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Hanging PC clips Set
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Mounting Concealed PC clips Set
Transparent PC pedestals with two holes, Transparent PC pedestals with five holes,Tapping screws, Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Adjustable Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Adjustable Hanging PC profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Machine screws,Kit of telescopic rod



Adjustable Hanging PC clips
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



PC Connector for Side Cable Entry
Screws, Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent side outlet connector



PC Connector for Front Cable Entry
Screws,Transparent connector



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube;



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



The Head



The End



The Head

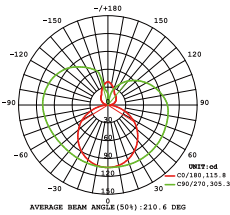


The End

ROUND 360° R40

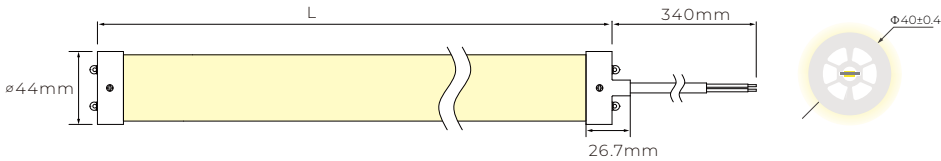


40mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
Supports various installation methods for creative lighting designs.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 15W, 4000K)

Dimensions



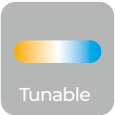
Basic Parameters

Model No.	NS-R40
Voltage	DC24V
Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	High Output
Power(w/m)	15w
Max. Ambient tempt.(Tamax)	45°C



Single Color	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	25mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700±150	1005	15	67
	3000±150	915	15	61
	3500±200	945	15	63
	4000±300	1005	15	67
	5000±400	1065	15	71
	6500±400	990	15	66
--	R: 620-630nm	390	15	26
	G: 520-530nm	1035	15	69
	B: 465-475nm	210	15	14
	Y: 585-595nm	300	15	20
	Pink	900	15	60



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700±150	593	7.5	79
	6500±400	578	7.5	77
	4000±300	1155	15	77



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	105	5	21
	G: 520-530nm	430	5	86
	B: 465-475nm	75	5	15
	RGB	615	15	41



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	84	3.8	22
	G: 520-530nm	342	3.8	90
	B: 465-475nm	65	3.8	17
>80	W:2700±150	296	3.8	78
	W:3000±150	281	3.8	74
	W:4000±300	304	3.8	80
	W:6500±400	293	3.8	77
	RGBW	795	15	53

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Silicone end cap (IP65)



Front Cable Entry

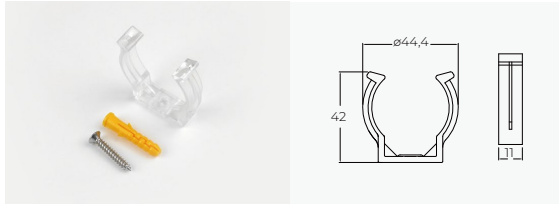


Closed End Cap



Accessories

PC Clip



Dimension: 42x44.4x11mm
Accessories: Screw M4x25mm
Expansion Plug for screw: 6X30mm





IP68 UNDERWATER NEON

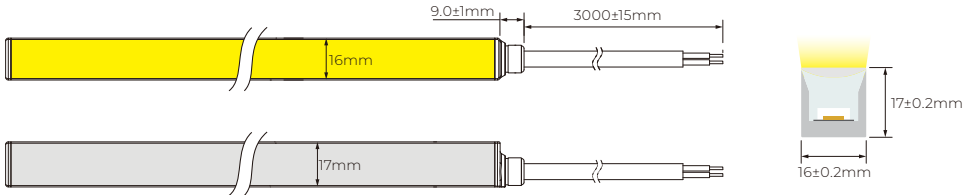
The IP68 Neon Flex series offers excellent UV resistance, chemical stability, and abrasion resistance. It's designed to withstand harsh environments, including chlorine exposure, making it ideal for swimming pools and UL676 certified.

IP68 T1617 SILICONE



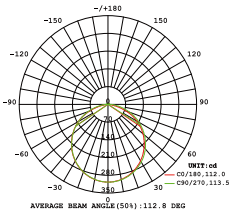
IP68 protection with advanced sealing, durable at 5m underwater.
Made from a chlorine-resistant silicone formula, resists up to 5ppm, ideal for swimming pools. Dust-resistant matte finish with a sleek look.
UL676 certified, 3 years warranty, lifespan ≥ 30,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NW-T1617 Silicone
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Low Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	10m
Cutting Length	50mm



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	776	10	77.6
	3000K	797	10	79.7
	3500K	827	10	82.7
	4000K	825	10	82.5
	5000K	818	10	81.8
	6500K	831	10	83.1
--	Red	307	10	30.7
	Green	780	10	78.0
	Blue	164	10	16.4
	Yellow	243	10	24.3
	Orange	285	10	28.5
	Pink	640	10	64.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	50	2.5	20.0
	G	130	2.5	52.0
	B	35	2.5	14.0
	RGBW	350	10	35.0
>80	2700±150	145	2.5	58.0
	RGBW	370	10	37.0
--	R	50	2.5	20.0
	G	130	2.5	52.0
	B	35	2.5	14.0
	RGBW	400	10	40.0
>80	3000±150	150	2.5	60.0
	RGBW	400	10	40.0
--	R	50	2.5	20.0
	G	130	2.5	52.0
	B	35	2.5	14.0
	RGBW	400	10	40.0
>80	4000±300	160	2.5	64.0
	RGBW	400	10	40.0
--	R	50	2.5	20.0
	G	130	2.5	52.0
	B	35	2.5	14.0
	RGBW	400	10	40.0
>80	6500±400	160	2.5	64.0
	RGBW	400	10	40.0



DMX512 RGBW

Voltage	DC24 V
IC Model	UCS512CL
Power(w/m)	15w
Pixel(PCS)	8PCS
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	45	5	9.0
	G	135	5	27.0
	B	30	5	6.0
	W: 4000K	150	5	30.0
	RGB	375	15	25.0

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Cable Lead Option Integral end cap(IP68)



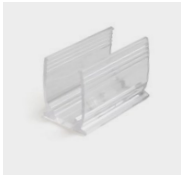
Front Cable Entry



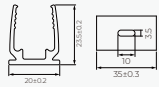
Closed End cap



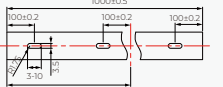
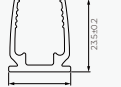
Accessories



PC Profile
Length: 35X20X23.5mm
Accessories:
Screw M3X16mm (SUS304)



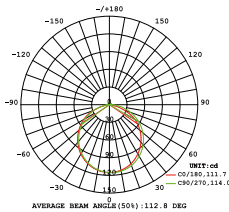
PC Profile
Length: 1000X20X23.5mm
Accessories:
Screw M3X16mm (SUS304)



IP68 S1617 SILICONE

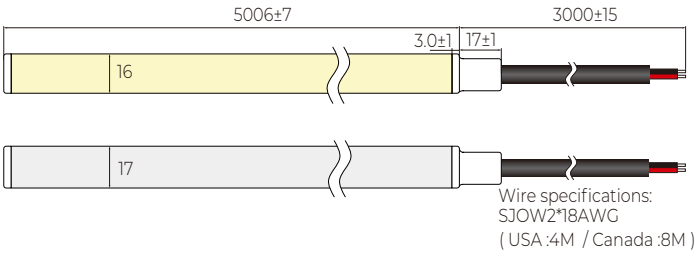


IP68 and IK08 protection with opal polyurethane encapsulation, durable at 3m underwater. UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools. Constant current IC for long runs up to 15m without voltage drop. Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting. 3 years warranty, lifespan ≥ 30,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NW-S1617Silicone
Voltage	DC24V
Power(w/m)	5w/10W/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)t
Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	12m/8m/6m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800±150	430	10	43.0
	2100±150	480	10	48.0
	2400±150	520	10	52.0
	2700±150	557	10	55.7
	3000±150	572	10	57.2
	3500±200	573	10	57.3
	4000 ⁺⁴⁰⁰ ₋₂₀₀	623	10	62.3
	5000 ⁺⁵⁰⁰ ₋₃₀₀	591	10	59.1
--	6500±500	578	10	57.8
	Red	258	10	25.8
	Green	660	10	66.0
	Blue	138	10	13.8
	Yellow	199	10	19.9
	Orange	237	10	23.7
	Pink	540	10	54.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	386	7.5	51.5
	6000K	419	7.5	55.9
	2700K+6000K	800	15	53.3



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	60	3.3	18.1
	G	168	3.3	51.0
	B	36	3.3	10.9
	RGB	270	10	27.0



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	61	3.75	16.3
	G	154	3.75	41.0
	B	47	3.75	12.5
	2700±150	189	3.75	50.5
>80	RGBW	445	15	30.5



DMX512 RGBW

Voltage	DC24 V
IC Model	UCS512CL
Power(w/m)	15w
Pixel(PCS)	8PCS
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	39	5	7.7
	G	103	5	20.6
	B	30	5	6.0
	4000±300K	127	5	25.3
	RGBW	288	15	19.2

Note:

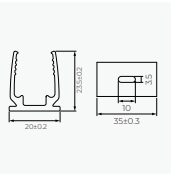
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Accessories



PC Profile
Length: 35X20X23.5mm
Accessories:
Screw M3X16mm (SUS304)

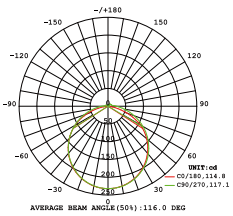


PC Profile
Length: 1000X20X23.5mm
Accessories:
Screw M3X16mm (SUS304)

IP68 T1615 PU

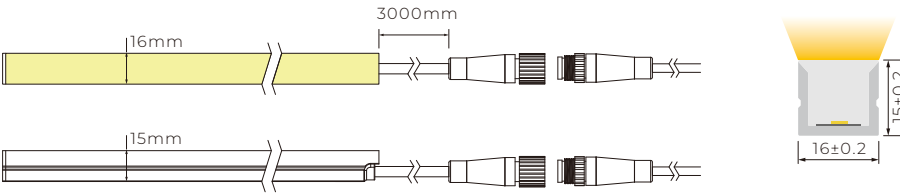


IP68 and IK08 protection with opal polyurethane encapsulation, durable at 3m underwater. UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools. Constant current IC for long runs up to 26m without voltage drop. Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting. 3 years warranty, lifespan ≥ 30,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



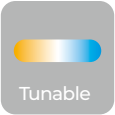
Basic Parameters

Model No.	NW-T1615 PU		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	50°C	45°C	35°C



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15w
Max. Run Length(CC)	26m/18m/14m
Cutting Length	41.67mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	305.8	5	61.2
	3000K±200	315.5	5	63.1
	3500K±350	352.6	5	70.5
	4000K±400	343.4	5	68.7
	5000K±400	335.5	5	67.1
	6500K±600	307.8	5	61.6
	2700K±150	616.4	10	61.6
	3000K±200	654.4	10	65.4
	3500K±350	722.8	10	72.3
	4000K±400	697.5	10	69.8
	5000K±400	684.4	10	68.4
	6500K±600	637.0	10	63.7
	2700K±150	870.5	15	58.0
	3000K±200	935.7	15	62.4
	3500K±350	1036.4	15	69.1
	4000K±400	1007.9	15	67.2
	5000K±400	963.9	15	64.3
	6500K±600	895.7	15	59.7



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	392.0	7.5	52.3
	6000K	421.8	7.5	56.2
	2700K+6000K	795.0	15	53.0



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	56.1	5	103.2
	G	181.5	5	242.2
	B	34.65	5	50.3
	RGB	270	15	379.5



RGBW

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	15w
Max. Run Length(CC)	5m
Cutting Length	71.43mm

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	83.9	3.75	22.4
	G	189.3	3.75	50.5
	B	40.7	3.75	10.9
>80	W (3000K±200)	227.0	3.75	60.5
	RGBW	525.9	15	35.1



End Cap & Cable Lead Option

Integral End Cap (IP68)



Front Cable Entry



Side Cable Entry



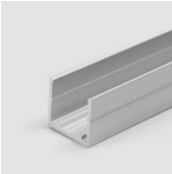
Bottom Cable Entry



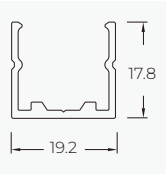
Closed End cap



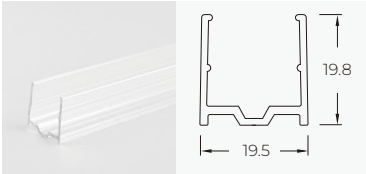
Accessories



Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m/2m/3m



⚠ PC profile cannot be lifted
(inverted) for use



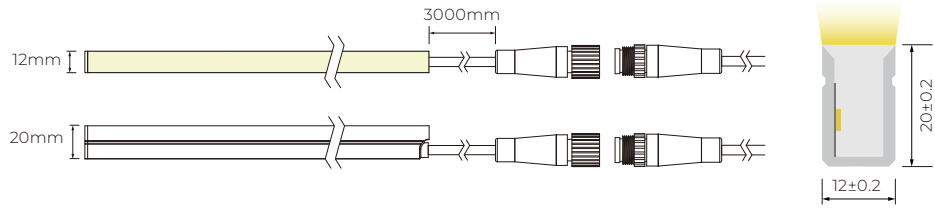
Stainless Steel Mounting clips
Length: 2cm

⚠ Aluminum profiles cannot be
used in swimming pools.

IP68 S1220 PU



Dimensions

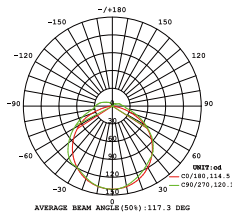


Basic Parameters

Model No.	NW-S1220 PU
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

IP68 and IK08 protection with opal polyurethane encapsulation, durable at 3m underwater. UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools. Constant current IC for long runs up to 26m without voltage drop. Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting. 3 years warranty, lifespan ≥ 30,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15w
Max. Run Length(CC)	23m/16m/12m
Cutting Length	41.67mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2500K±150	206.3	5	41.3
	2700K±150	214.8	5	43.0
	3000K±200	227.9	5	45.6
	3500K±200	236.1	5	47.2
	4000K±300	231.1	5	46.2
	4500K±400	226.3	5	45.3
	5700K±500	207.9	5	41.6
	2500K±150	400.8	10	40.1
	2700K±150	429.5	10	43.0
	3000K±200	438.6	10	43.9
	3500K±200	471.3	10	47.1
	4000K±300	462.4	10	46.2
	4500K±400	456.2	10	45.6
	5700K±500	419.5	10	42.0
	2500K±150	601.2	15	40.1
	2700K±150	653.9	15	43.6

3000K±200	682.1	15	45.5
3500K±200	696.8	15	46.5
4000K±300	690.9	15	46.1
4500K±400	698.3	15	46.6
5700K±500	638.6	15	42.6

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	272.2	7.5	36.3
	6000K	289.7	7.5	38.6
	2700K+6000K	547.7	15	36.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	74.8	5	15.0
	G	164.4	5	32.9
	B	33.2	5	6.6
	RGB	258.3	15	17.2



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.43mm

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

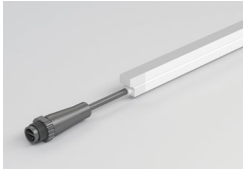
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62.2	3.75	16.6
	G	134.6	3.75	35.9
	B	29.7	3.75	7.9
>80	W (3000K±200)	157.3	3.75	42.0
	RGBW	366.3	15	24.4



End Cap & Cable Lead Option

Integral end cap (IP68)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

Integral closed end cap



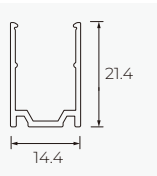
Closed End cap



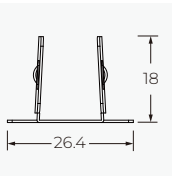
Accessories



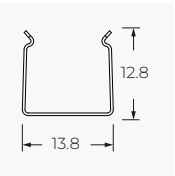
Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile
Length: 0.5m



Stainless Steel Mounting clips
Length: 2cm



⚠ Aluminum profiles cannot be used in swimming pools.



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	272.2	7.5	36.3
	6000K	289.7	7.5	38.6
	2700K+6000K	547.7	15	36.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	74.8	5	15.0
	G	164.4	5	32.9
	B	33.2	5	6.6
	RGB	258.3	15	17.2



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

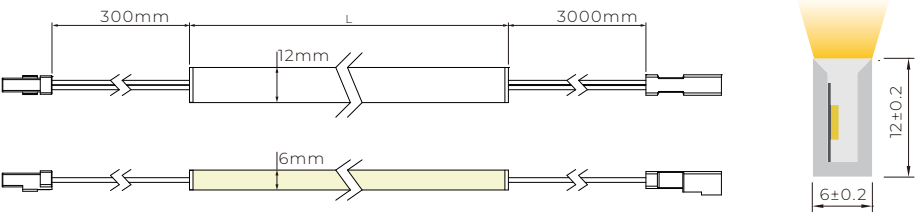
CRI	CCT	lm/m	w/m	lm/w
--	R	74.8	5	15.0
	G	164.4	5	32.9
	B	33.2	5	6.6
	RGB	258.3	15	17.2

IP68 S0612 PU



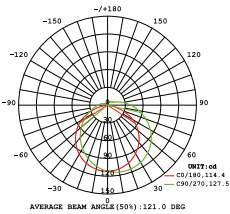
IP68 neon offers premium UV resistance, Horizontal bending in W6mm X H12mm small size with uniform light and dimmable function. Long Run Length > 10m, Production Length is up to 30m. Support freely configurable in length by small cutting increments.

Dimensions



Basic Parameters

Model No.	NW-S0612 PU
Voltage	DC24V
Power(w/m)	8w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	8w
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve (24V, 10W, 4000K)

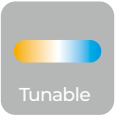


Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2500K±150	364.4	8	45.6
	2700K±150	383.8	8	48.0
	3000K±200	398.4	8	49.8
	3500K±250	424.2	8	53.0
	4000K±300	416.2	8	52.0
	4500K±400	402.8	8	50.4
	5700K±500	387.8	8	48.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	132.1	4	33.0
	6000K	142.9	4	35.7
	2700K+6000K	271.3	8	33.9



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	35.4	2.7	13.1
	G	110.9	2.7	41.1
	B	20.0	2.7	7.4
	RGB	157.6	8	19.7

- Note:**
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP68)



Front Cable Entry



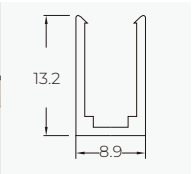
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile
Length: 0.5m



Stainless Steel Mounting clips
Length: 2cm

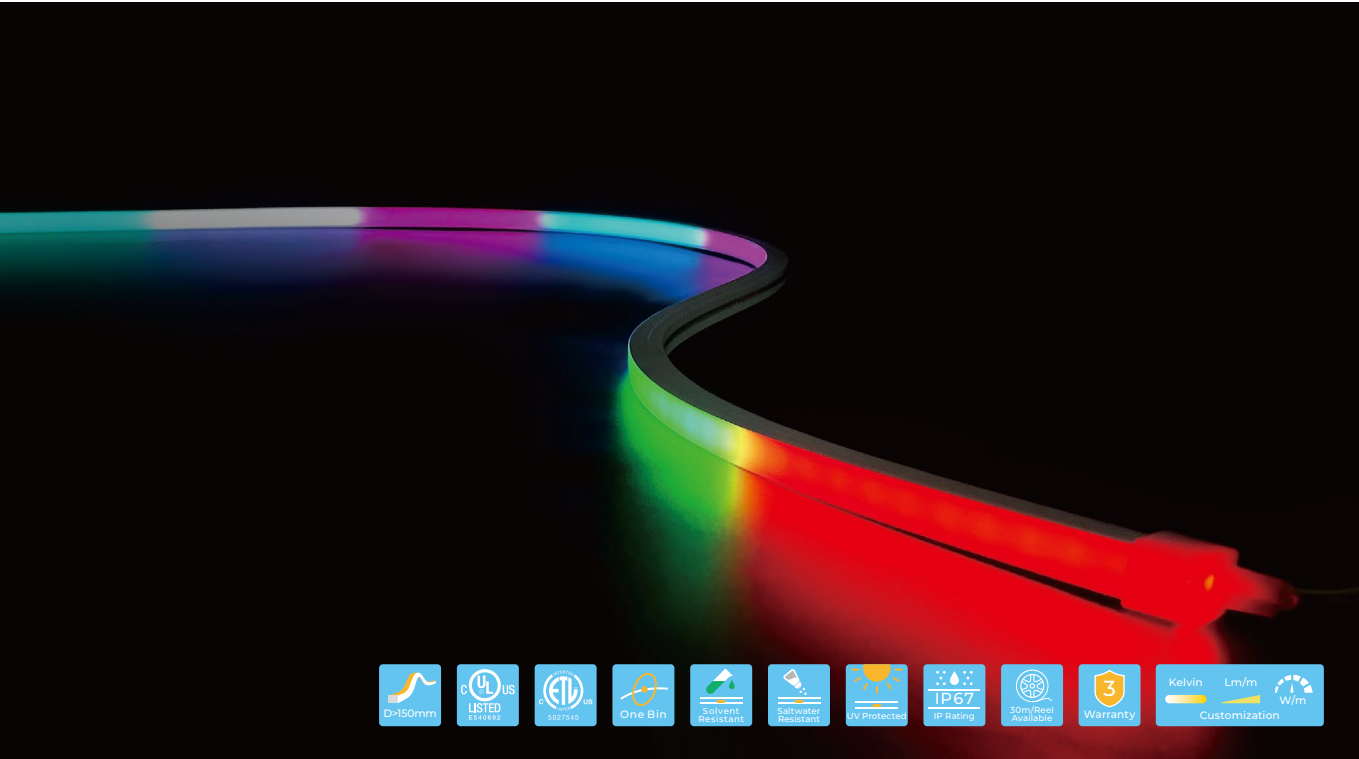
⚠ Aluminum profiles cannot be used in swimming pools.



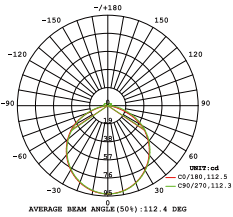
PIXEL NEON

The Pixel Neon Flex series can be controlled via SPI or DMX512 and is compatible with Madrix. It supports complex color-changing effects, gradients, chases, pulsing patterns, and animations, all easily programmable.

PIXEL T1010

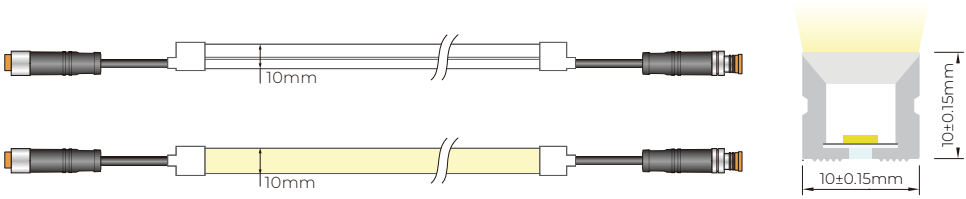


SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-T1010
Voltage	DC24V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.2	4.8	14.0
	G	193.4	4.8	40.3
	B	31.2	4.8	6.5
	RGB	276	12	23.0

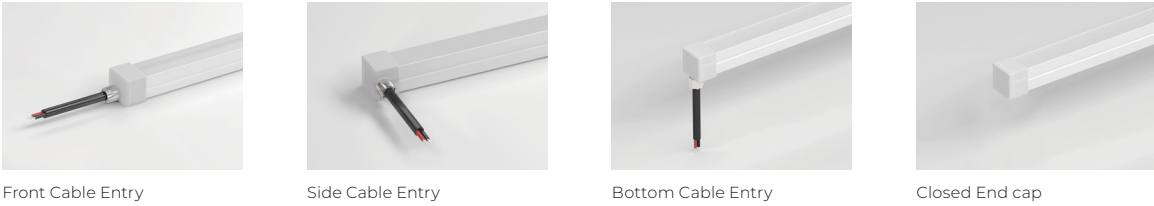
- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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

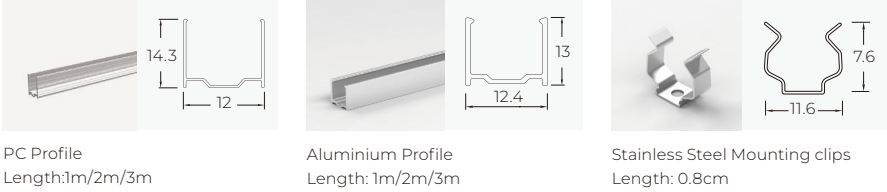


End Cap & Cable Lead Option

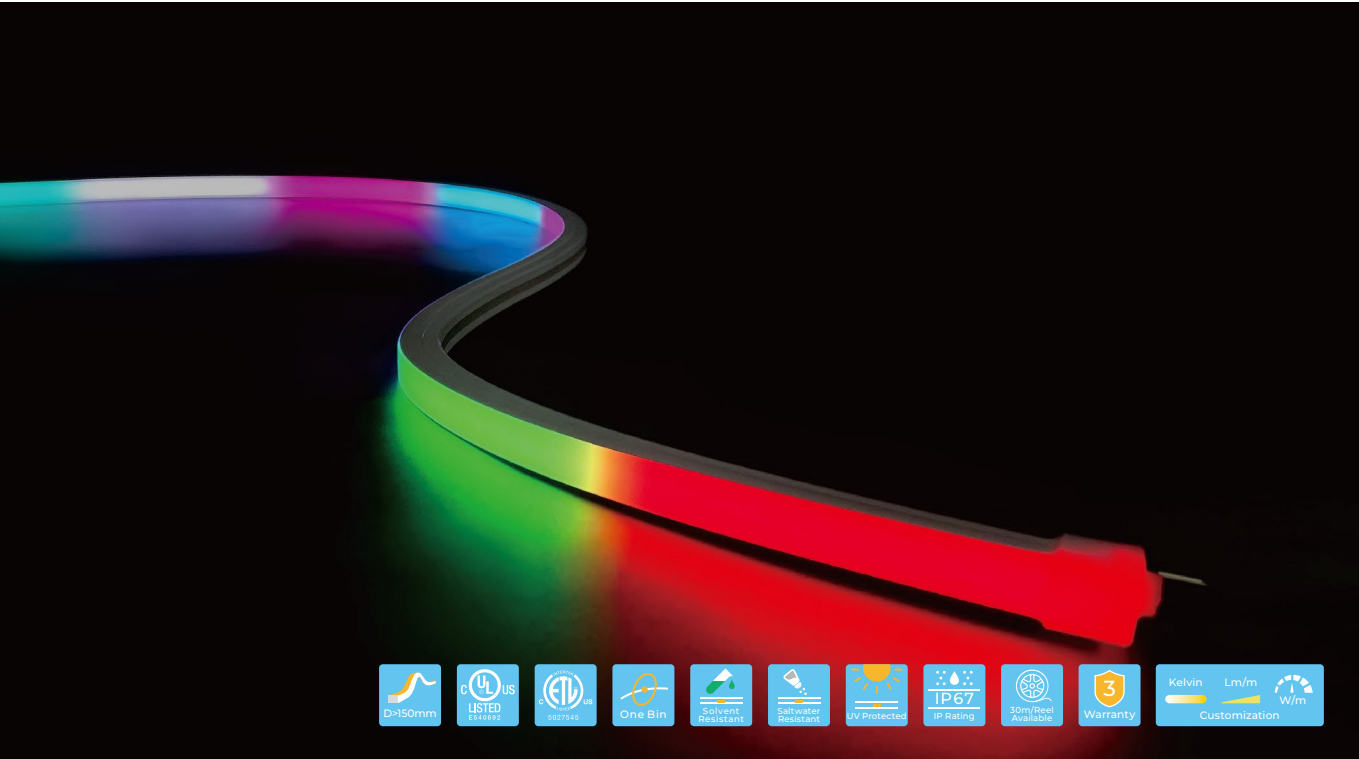
Silicone End Cap (IP67)



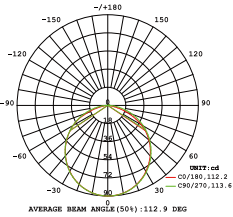
Accessories



PIXEL T1212

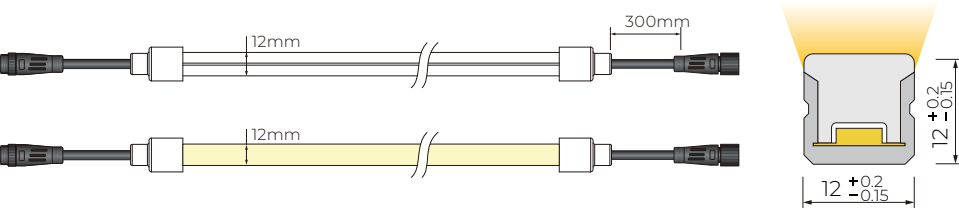


SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-T1212
Voltage	DC24V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	60	4.8	12.41
	G	169	4.8	35.21
	B	26.5	4.8	5.52
	RGB	240	12	20

Note:

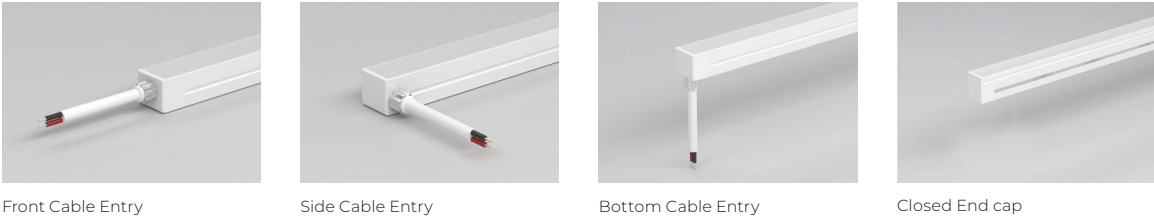
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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



End Cap & Cable Lead Option

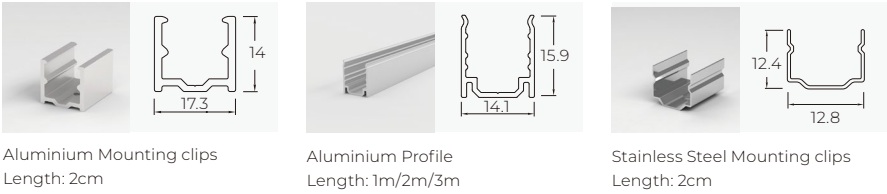
Integral end cap (IP67)



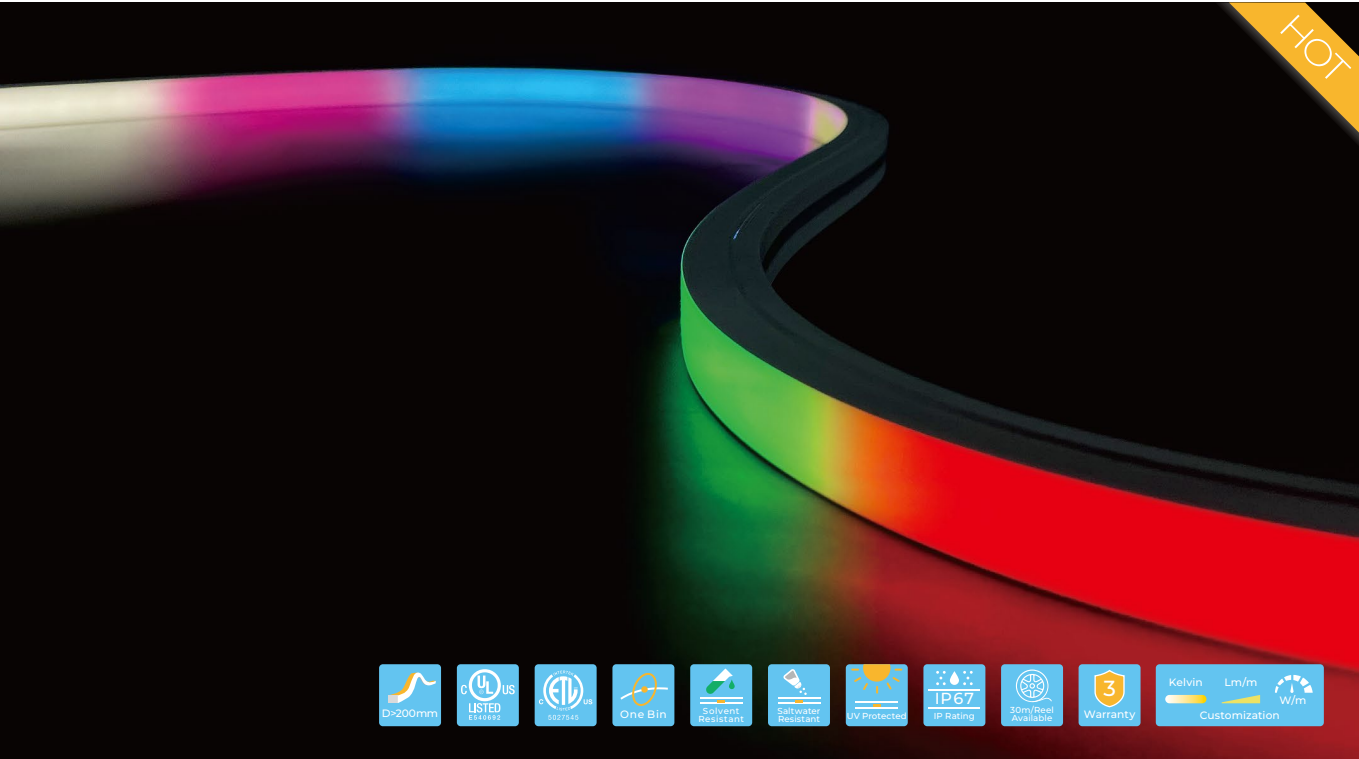
Silicone end cap (IP67)



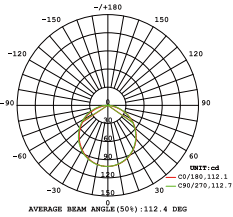
Accessories



PIXEL T1615

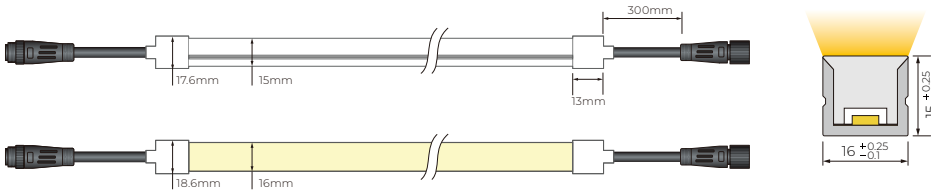


DMX512-controlled digital LED neon with stable signal and long transmission range, ideal for large outdoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-T1615	
Voltage	DC24V	
Power(w/m)	12w/15w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	12w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C



SPI RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS8603
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm



SPI RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS2904
Pixels/m	8
Power(w/m)	14.5W
Max. Run Length	5m
Cutting Length	125mm



DMX512 RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm



DMX512 RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	15W
Max. Run Length	5m
Cutting Length	125mm

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	48	4.8	9.6
	G	148	4.8	36.8
	B	32	4.8	6.5
	RGB	262	12	21.8

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	42	4.8	8.8
	G	117	4.8	24.4
	B	36	4.8	7.5
>90	W(4000K)	126	4.8	33.8
	RGBW	342	14.5	23.6

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	51	4.8	10.6
	G	191	4.8	39.8
	B	32	4.8	6.7
	RGB	266	12	22.2

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	44	4.8	9.2
	G	119	4.8	24.8
	B	34	4.8	7.1
	W(4000K)	153	4.8	31.9
>90	RGBW	329	15	21.9

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-



End Cap & Cable Lead Option

Integral end cap (IP67)



Front Cable Entry



Side Cable Entry

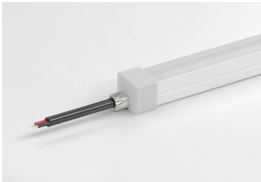


Bottom Cable Entry

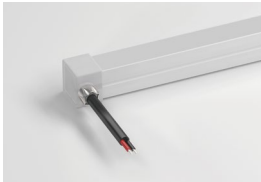


Closed End cap

Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



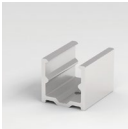
Bottom Cable Entry



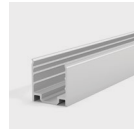
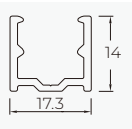
Closed End cap



Accessories



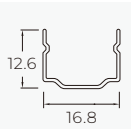
Aluminium Mounting clips
Length: 2cm



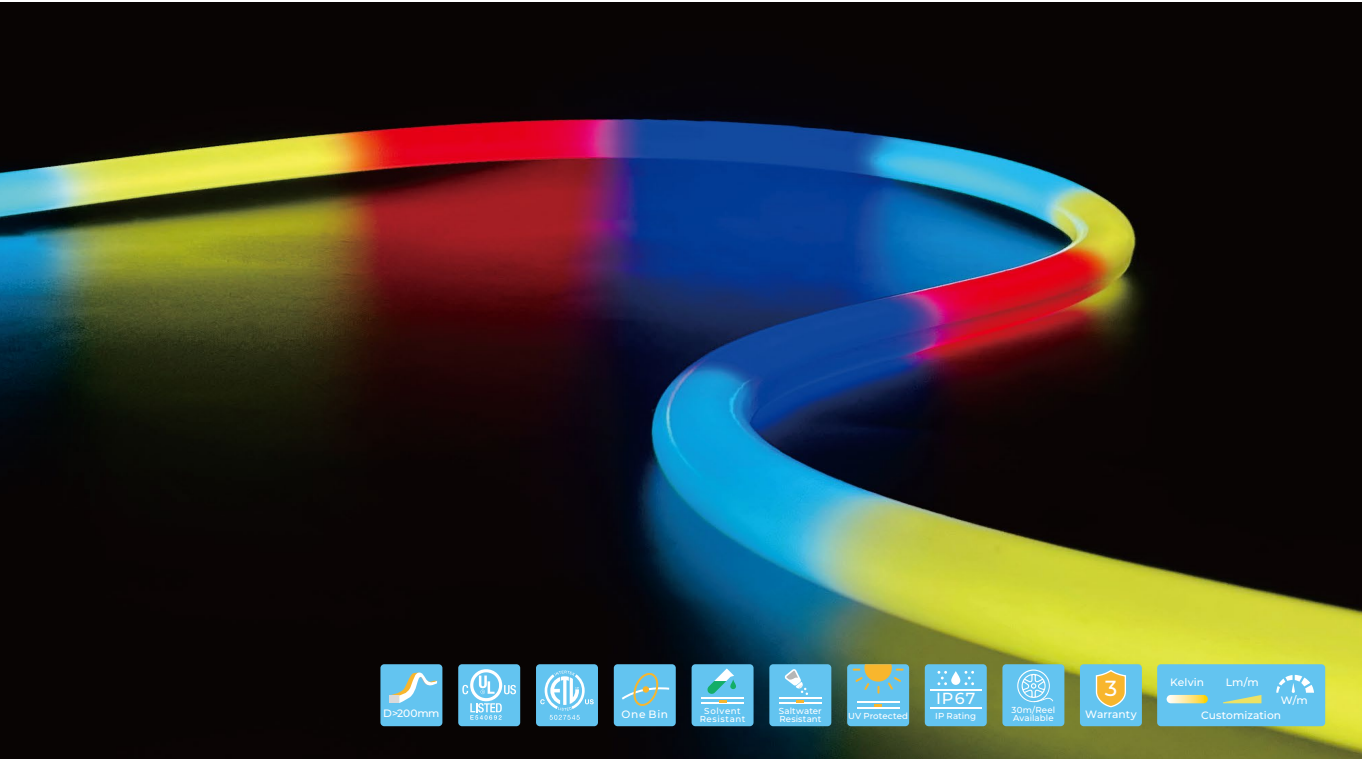
Aluminium Profile
Length: 1m/2m/3m



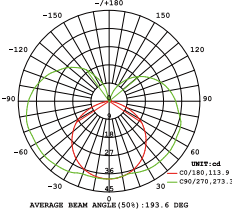
Stainless Steel Mounting clips
Length: 2cm



PIXEL R16

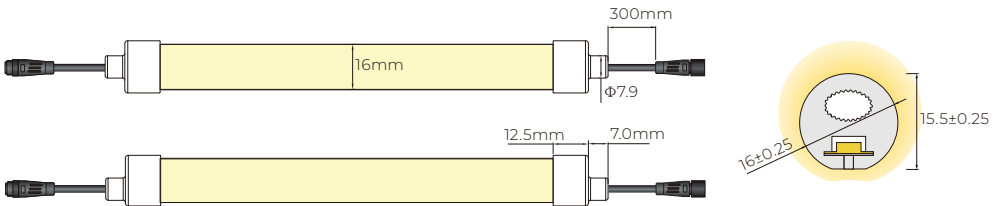


SPI-controlled digital LED neon with WS2811 IC, 16mm diameter near-round design, offering almost 360-degree illumination. Easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-R16
Voltage	DC24V
Power(w/m)	12w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	73.68	4.8	15.35
	G	215.47	4.8	44.89
	B	34.56	4.8	7.2
	RGB	305.4	12	25.45

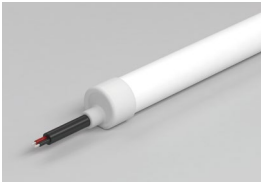
- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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

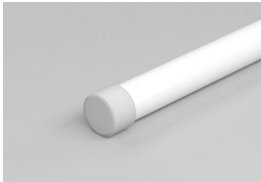


End Cap & Cable Lead Option

Silicone end cap (IP67)



Front Cable Entry



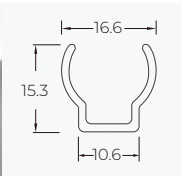
Closed End cap



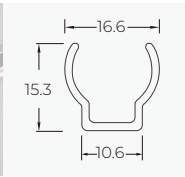
Accessories



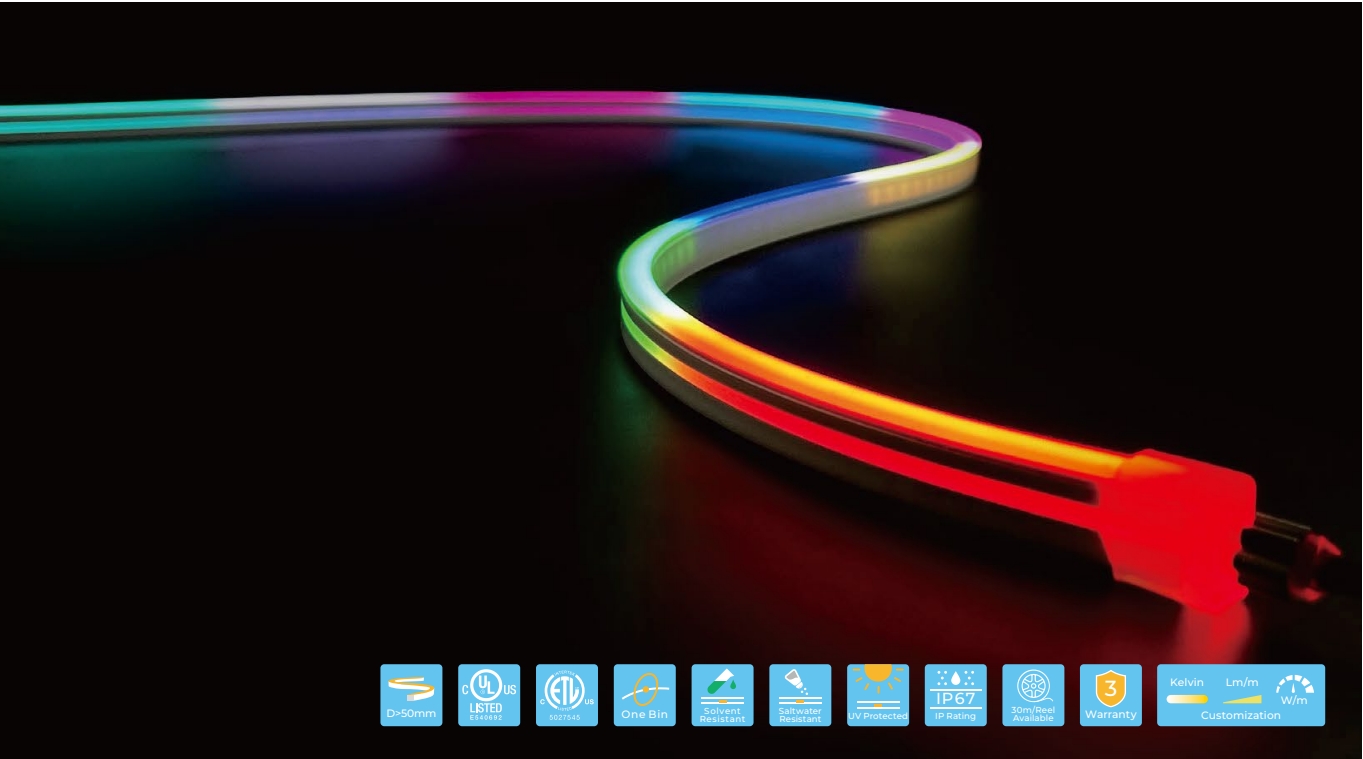
PC Profile
20x16.6x15.3mm(L x W x H)
Accessories:Screw M3x15mm



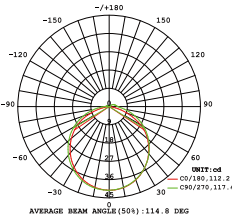
PC Profile
1000(±5)x16.6x15.3mm(L x W x H)
Accessories:Screw M3x15mm



PIXEL S0612

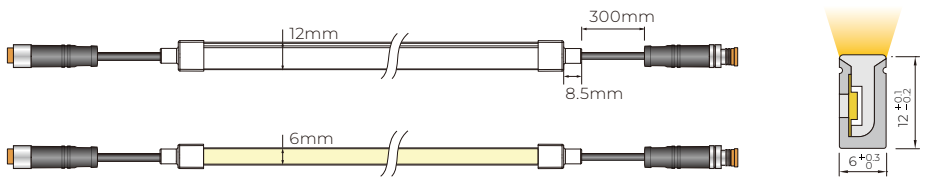


SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-S0612
Voltage	DC24V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	29.09	4.8	6.06
	G	84.19	4.8	17.54
	B	13.54	4.8	2.82
	RGB	119.52	12	9.96

Note:

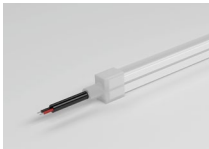
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Integral End Cap (IP44)



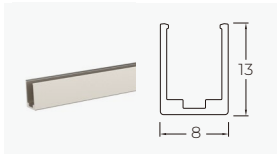
Front Cable Entry



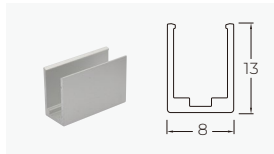
Closed End cap



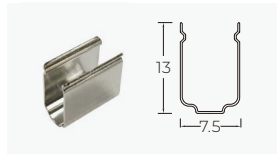
Accessories



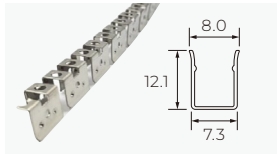
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm

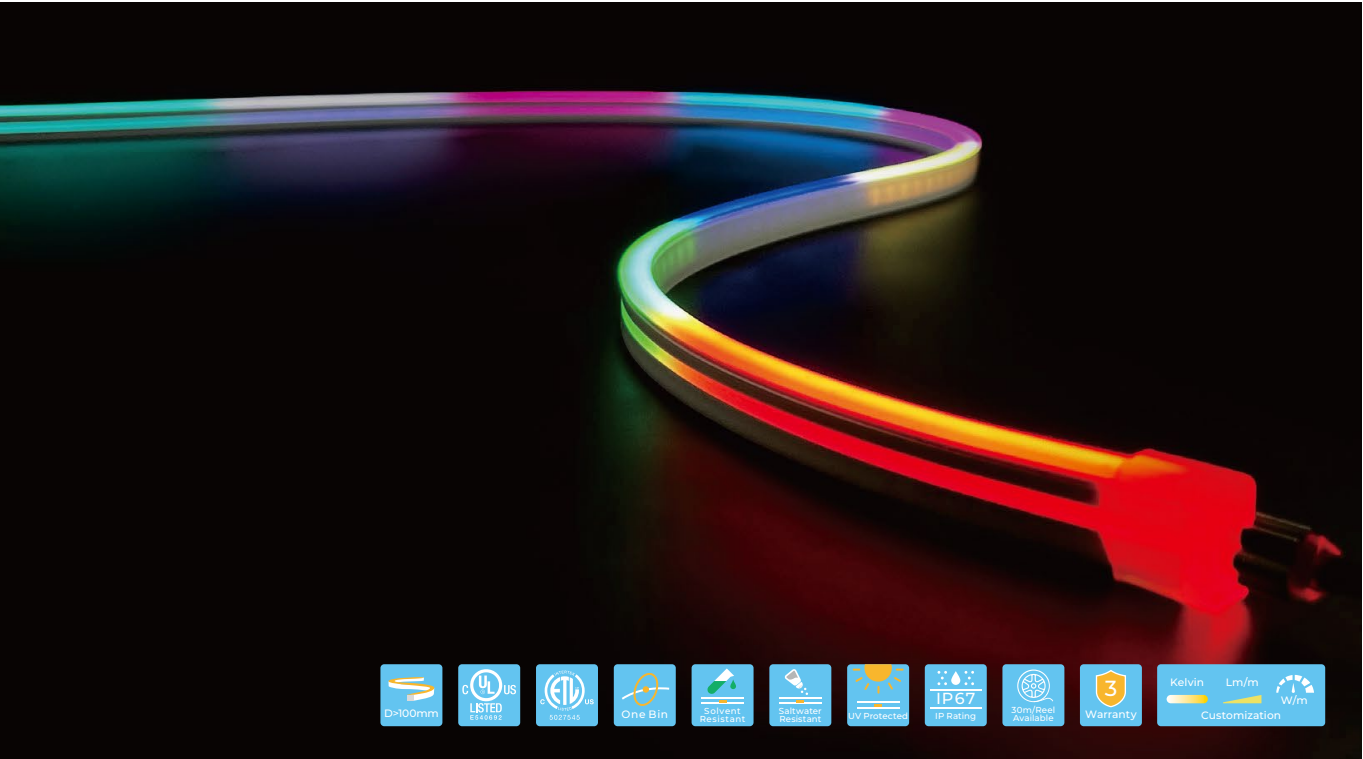


Stainless Steel Mounting clips
Length: 2cm

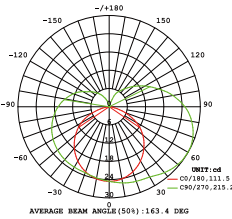


Curved Stainless Steel
mounting profile

PIXEL S0817

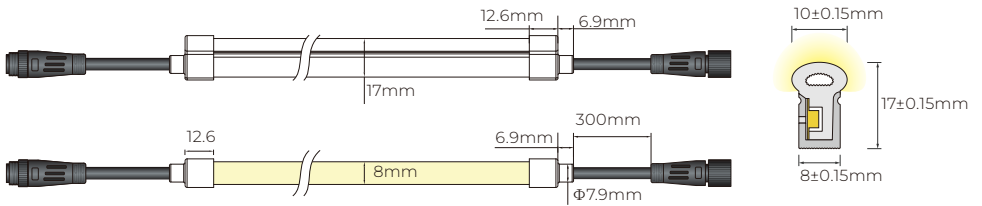


SPI-controlled digital LED neon with WS2811 IC and an arched, wide-angle design, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-S0817
Voltage	DC24V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	38.78	4.8	8.08
	G	111.21	4.8	23.17
	B	17.80	4.8	3.71
	RGB	157.92	12	13.16

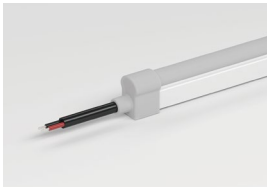
- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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



End Cap & Cable Lead Option

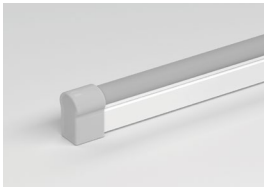
Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



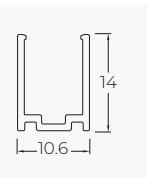
Closed End Cap



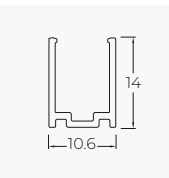
Accessories



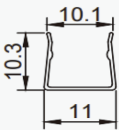
Aluminium Mounting clips
Length: 2cm



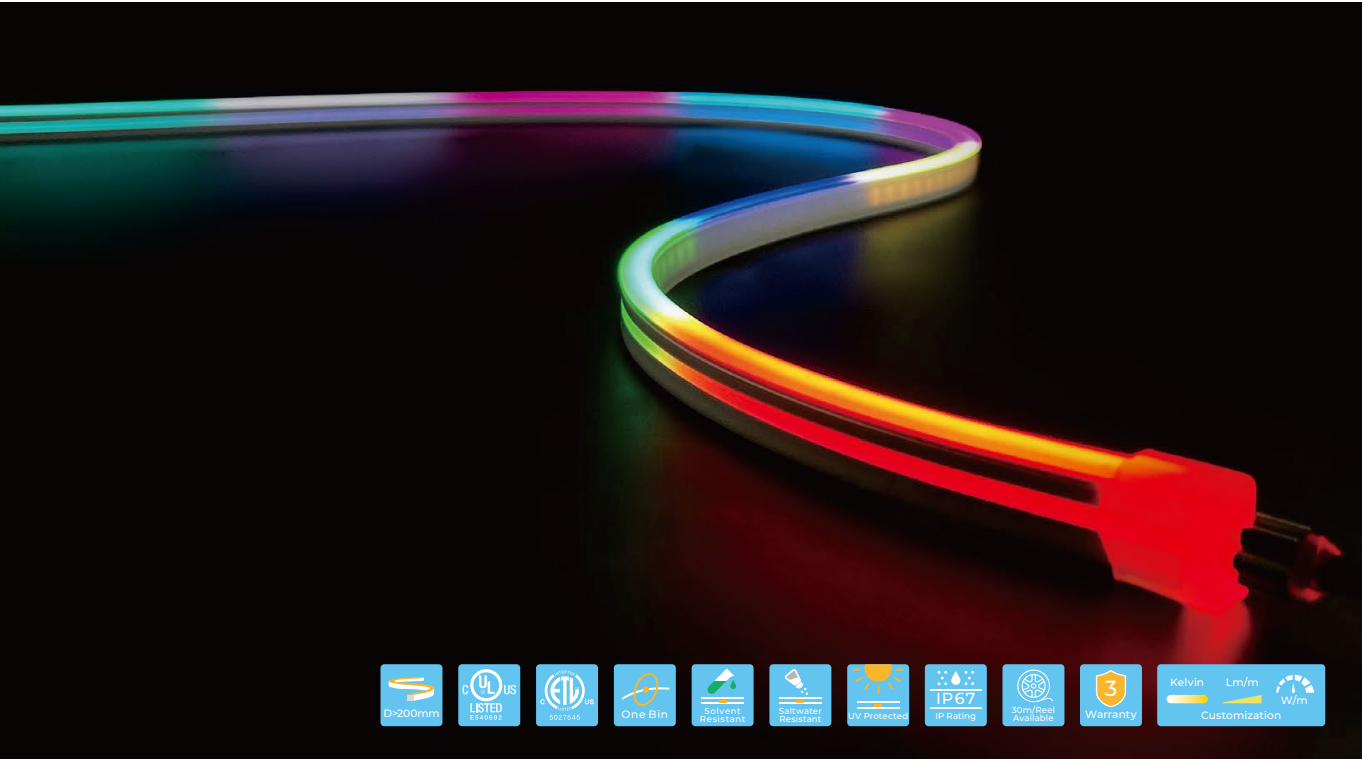
Aluminium Profile
Length: 1m/2m/3m



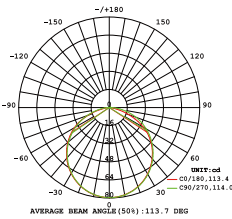
Curved Stainless
Steel mounting profile



PIXEL S1212

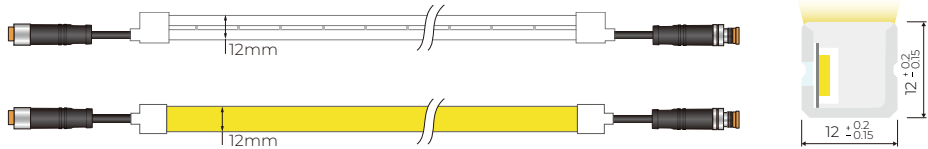


SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-S1212
Voltage	DC24V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

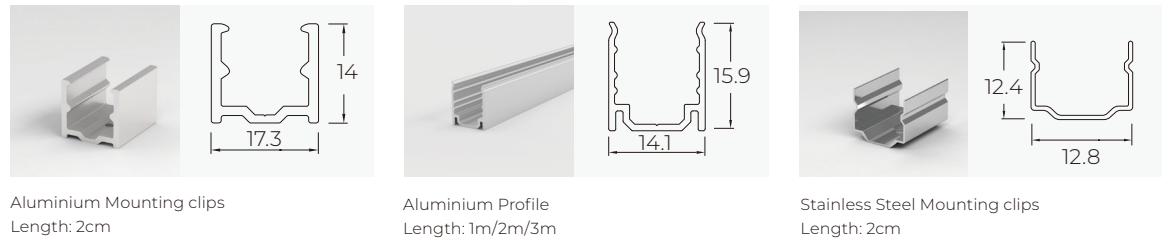
CRI	CCT	lm/m	w/m	lm/w
--	R	56.93	4.8	11.86
	G	159.26	4.8	33.18
	B	24.82	4.8	5.17
	RGB	225.72	12	18.81

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

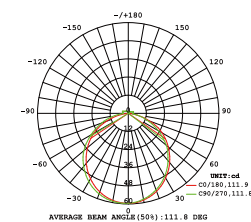
Technical drawing of the cable connector showing dimensions: 40mm length and 15mm diameter.



The image displays six different cable entry configurations for the LED strip light, arranged in two rows of three. The top row shows 'Silicone end cap (IP67)' and 'Integral End Cap (IP44)'. The bottom row shows 'Front Cable Entry', 'Side Cable Entry', 'Closed End Cap', and 'Closed End cap'.



DMX512-controlled digital LED neon with stable signal and long transmission range, ideal for large outdoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan $\geq$ 30,000 hours, 1 BIN.



Model No.	NP-S1220	
Voltage	DC24V	
Power(w/m)	12w/15w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	12w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS8603
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	5	5.6
	G	110	5	22.1
	B	20	5	4.0
	RGB	159	12	13.2



SPI RGBW

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS2904
Pixels/m	8
Power(w/m)	14.5W
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	29	4.8	6.0
	G	78	4.8	16.3
	B	23	4.8	4.8
>90	W(4000K)	96	4.8	20.0
	RGBW	218	14.5	15.0



DMX512 RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	30	4.8	6.3
	G	115	4.8	24.0
	B	20	4.8	4.2
	RGB	161	12	13.4



DMX512 RGBW

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	15W
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	4.8	5.8
	G	80	4.8	16.7
	B	16	4.8	3.3
>90	W(4000K)	96	4.8	20.0
	RGBW	211	15	14.1

Note:

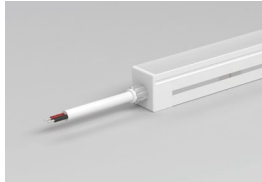
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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-



End Cap & Cable Lead Option

Integral end cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Silicone end cap (IP67)



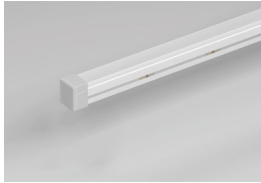
Front Cable Entry



Side Cable Entry



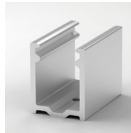
Bottom Cable Entry



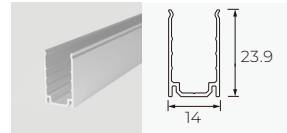
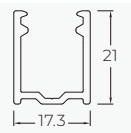
Closed End cap



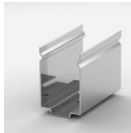
Accessories



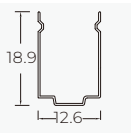
Aluminium Mounting clips
Length: 2cm



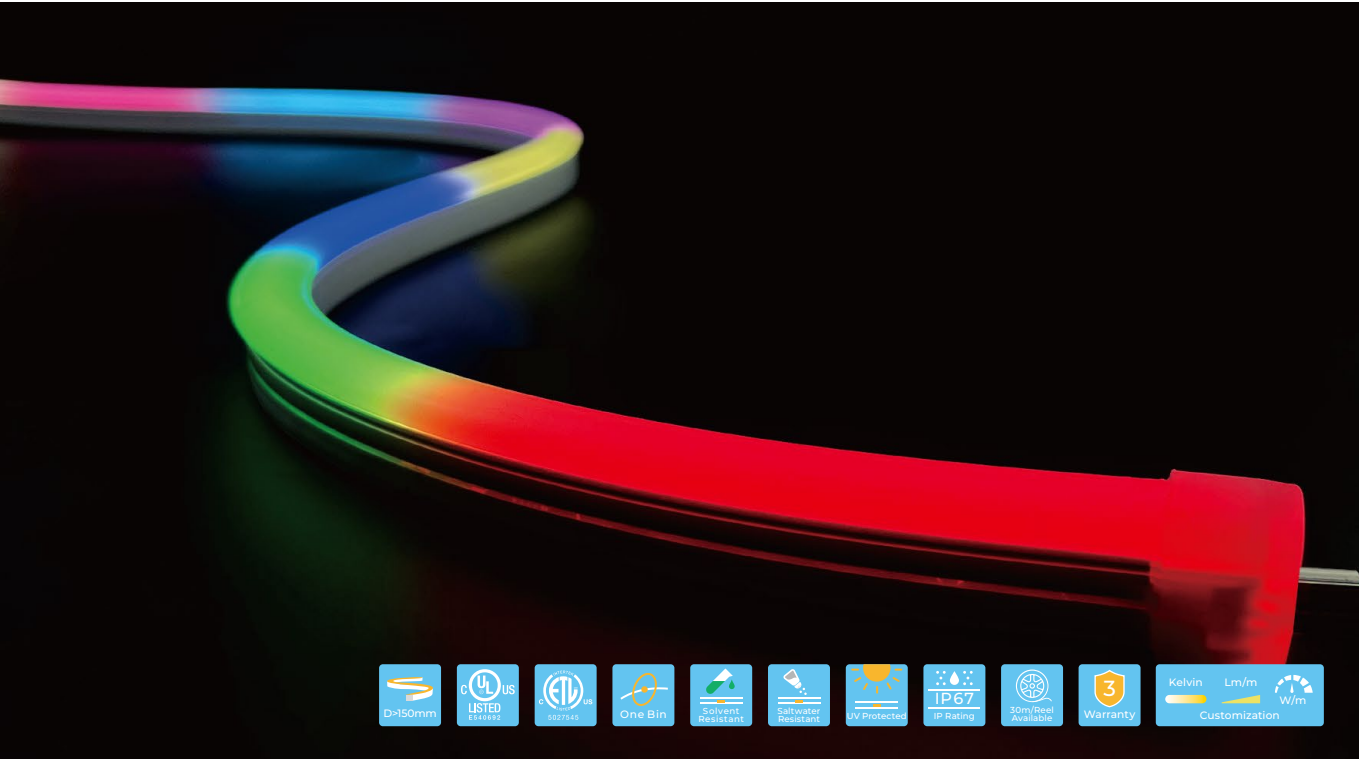
Aluminium Profile
Length: 1m/2m/3m



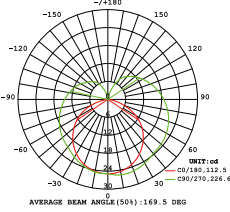
Stainless Steel Mounting clips
Length: 2cm



PIXEL S1225



DMX512-controlled digital LED neon with an arched, wide-angle design, offering stable signal and long transmission range—perfect for large outdoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions		
Basic Parameters		
Model No.	NP-S1225	
Voltage	DC24V	
Power(w/m)	12w/15w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	12w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C



SPI RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS8603
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	24	5	5.0
	G	102	5	20.4
	B	19	5	3.8
	RGB	145	12	12.1



SPI RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS2904
Pixels/m	8
Power(w/m)	14.5W
Max. Run Length	5m
Cutting Length	125mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	24	4.8	5.0
	G	72	4.8	15.0
	B	22	4.8	4.6
>90	W(4000K)	87	4.8	18.1
	RGBW	200	14.5	13.8



DMX512 RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	27	4.8	5.6
	G	107	4.8	22.3
	B	19	4.8	4.0
	RGB	148	12	12.3



DMX512 RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	15W
Max. Run Length	5m
Cutting Length	125mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	26	4.8	5.4
	G	74	4.8	15.4
	B	23	4.8	4.8
>90	W(4000K)	90	4.8	18.8
	RGBW	208	15	13.9

Note:

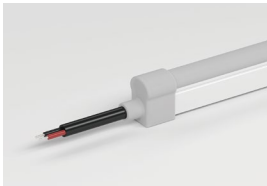
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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-

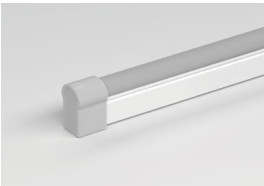


End Cap & Cable Lead Option

Silicone end cap (IP67)



Front Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



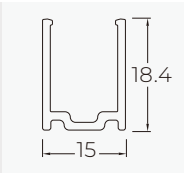
Closed End cap



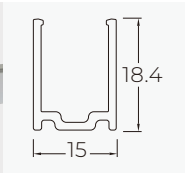
Accessories



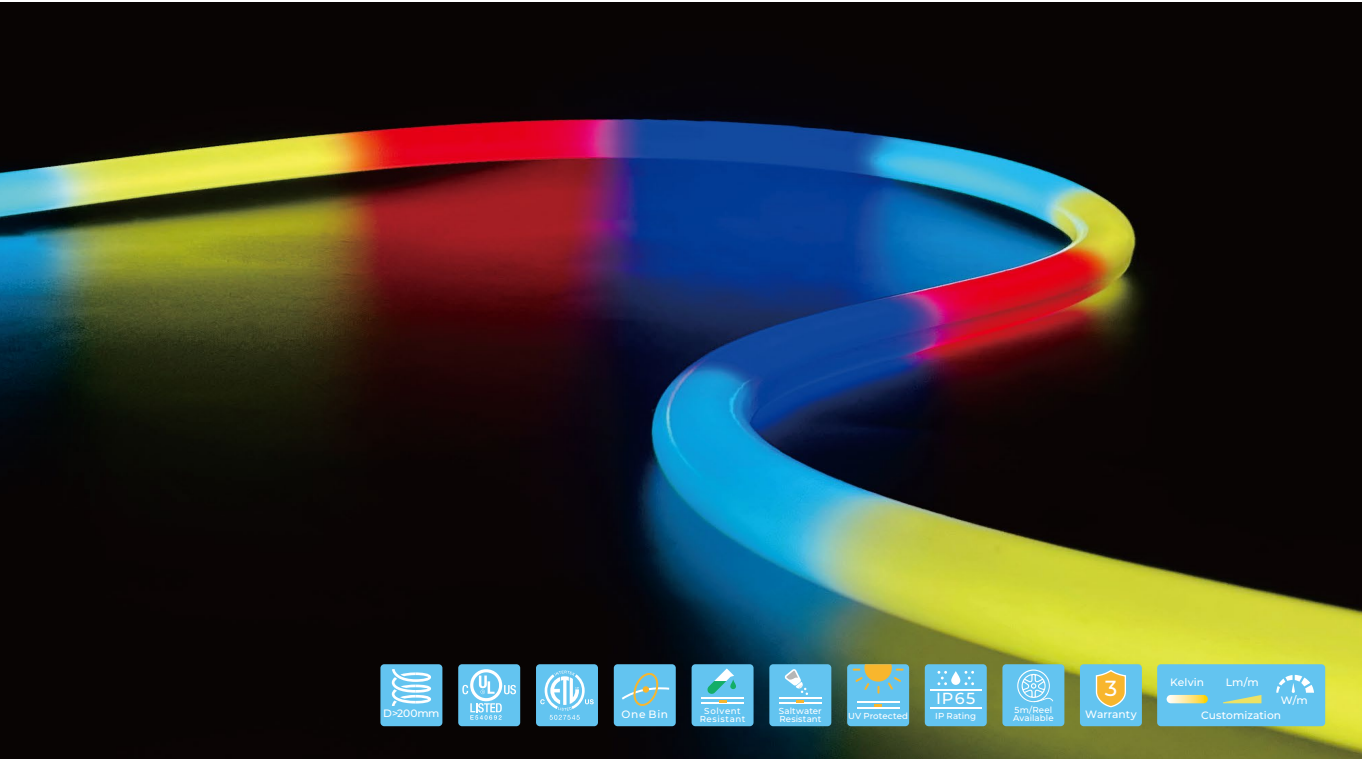
Aluminium Mounting clips
Length: 2cm



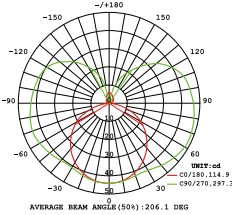
Aluminium Profile
Length: 1m/2m/3m



PIXEL R25

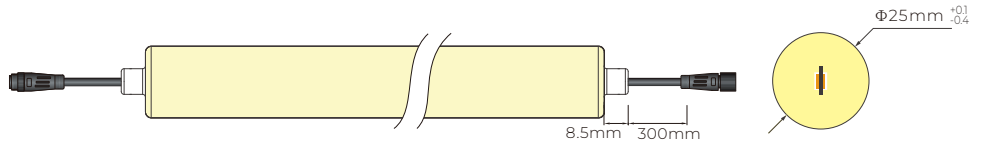


SPI-controlled digital LED neon with WS2811 IC, 25mm diameter, 360° uniform lighting, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-R25
Voltage	DC24V
Power(w/m)	25w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB		Parameters				
Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
Circuit Design	CV	--	R	91.0	9.1	10.0
IC Model	WS2811		G	268.0	9.1	29.45
Pixels/m	10		B	41.0	9.1	4.5
Power(w/m)	25w		RGB	372.52	22.28	16.72
Max. Run Length	5m					
Cutting Length	100mm					
Note:						
· CV: Constant Voltage CC: Constant Current.						
· Max. Run length refers to single side feed in serial connection.						
· The given color temperature is the temperature of finished products.						
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.						
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.						
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties		
PVC Cable		OD : 5.5mm		SPI: Red V+, Green DI/DO, Black V-		
Silicone Cable		OD : 5.0mm		SPI: Red V+, Green DI/DO, Black V-		



End Cap & Cable Lead Option			
Integral end cap (IP67)			
Front Cable Entry	Side Cable Entry	Closed End cap	



Accessories			
PC Clips Set Transparent PC mounting clips,Tapping screws, Expand-able rubber plugs	PC Profile Set Transparent PC mounting profile, Tapping screws, Expandable rubber plugs	Hanging PC Clips Set Type: "—" Shape installation Transparent PC mounting clips, Kit of hanging rope, Screws	Hanging PC Profile Set Type: "—" Shape installation Transparent PC mounting profile, Kit of hanging rope, Screws
Mounting Metal Base Set Type: "I" Shape installation Kit of metal base, Tapping screws, Expandable rubber plugs	Mounting Metal Base Set Type: "U" Shape installation Kit of metal base, Tapping screws, Expandable rubber plugs	Hanging Metal Base Set Type: "I" Shape installation Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs	Metal Connector for Side Cable Entry Metal connector with side outlet, Tapping screws



Metal Connector for Front Cable Entry
Metal connector,Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
Transparent PC clips, Transpar-ent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Hanging PC clips Set
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Mounting Concealed PC clips Set
Transparent PC pedestals with two holes, Transparent PC pedestals with five holes,Tapping screws, Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Adjustable Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Adjustable Hanging PC profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Machine screws,Kit of telescopic rod



Adjustable Hanging PC clips
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



PC Connector for Side Cable Entry
Screws, Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent side outlet connector



PC Connector for Front Cable Entry
Screws,Transparent connector



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube;



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



The Head



The End

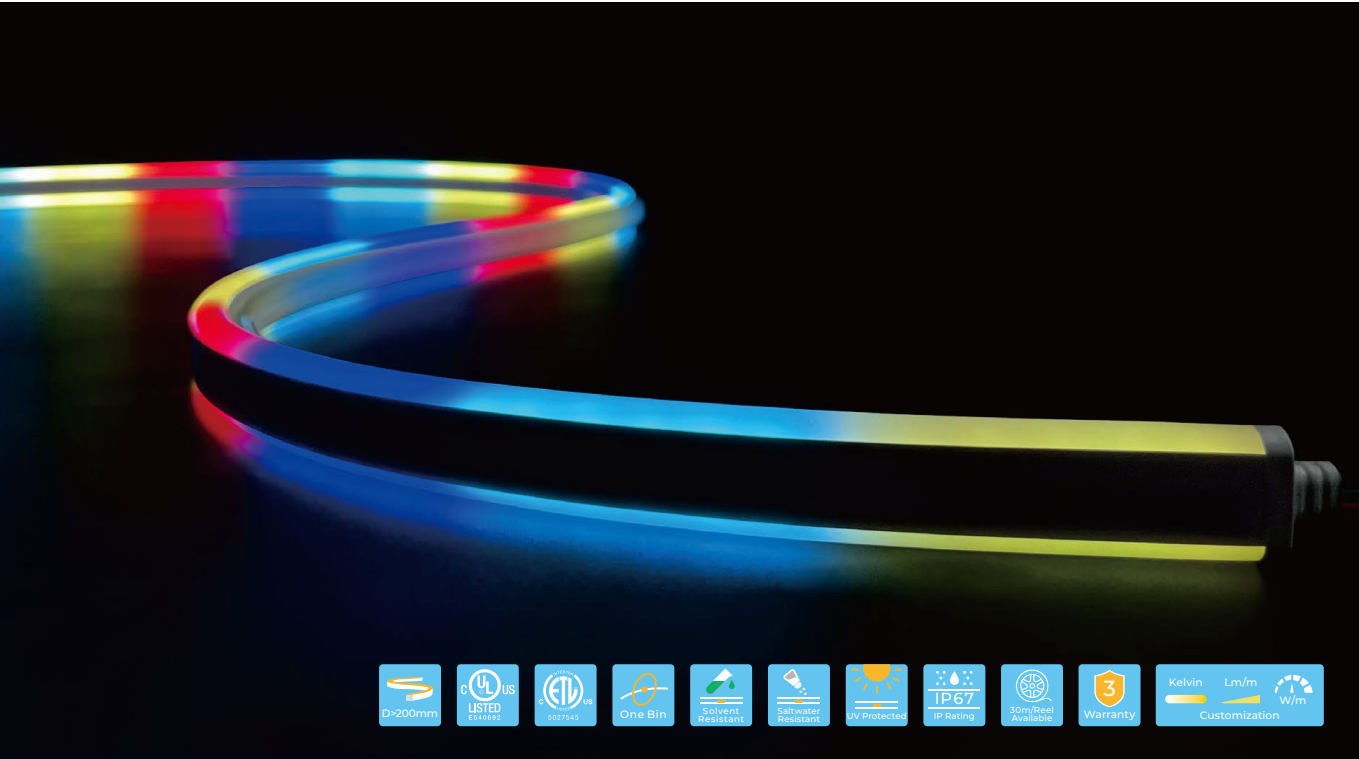


The Head

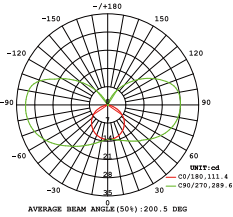


The End

PIXEL DUAL 1612

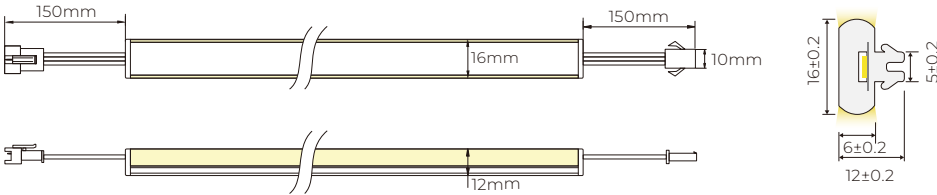


SPI-controlled digital LED neon with WS2811 IC and a unique two-sided luminous structure. Easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-DUAL-1612
Voltage	DC24V
Power(w/m)	12w
IP Rating	IP65
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



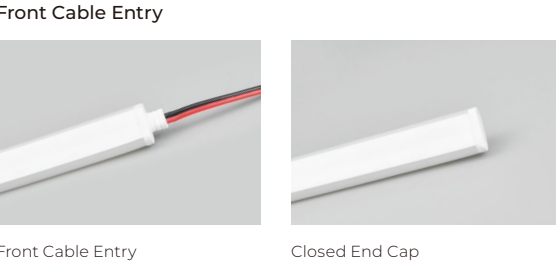
SPI RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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



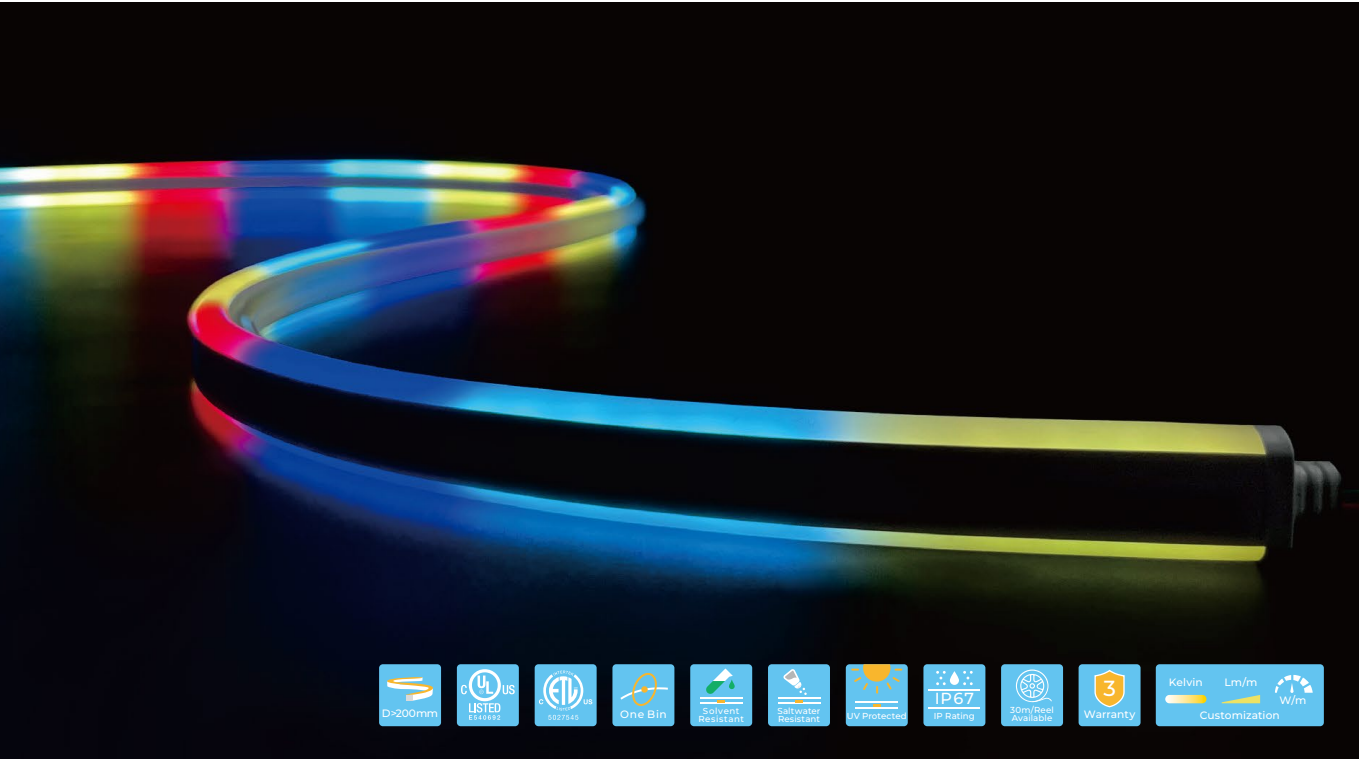
End Cap & Cable Lead Option



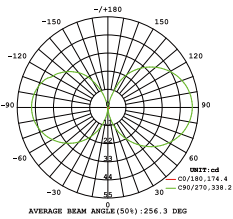
Front Cable Entry

Closed End Cap

PIXEL DUAL 1615

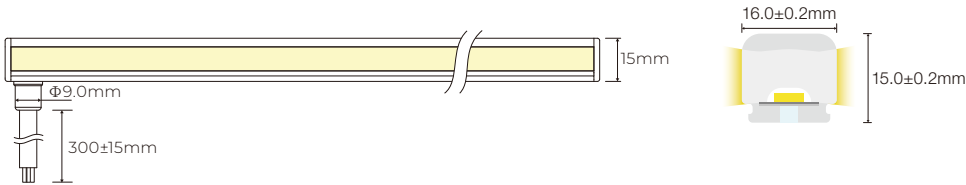


SPI-controlled digital LED neon with WS2811 IC and a unique two-sided luminous structure. Easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-DUAL-1615
Voltage	DC24V
Power(w/m)	12w / 15w
IP Rating	IP67
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS1903
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	5	7.4
	G	107	5	21.3
	B	18	5	3.7
	RGB	153	12	12.8



SPI RGBW

Voltage	DC24 V
Circuit Design	CV
IC Model	UCS2904
Pixels/m	8
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	26	4.8	5.4
	G	74	4.8	15.4
	B	23	4.8	4.8
	W(4000K)	90	4.8	18.8
	RGBW	208	15	13.9

- Note:
- CV: Constant Voltage. CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

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



End Cap & Cable Lead Option

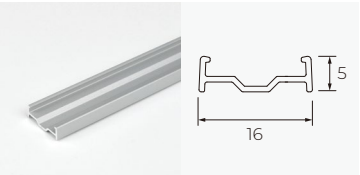
Integral End Cap (IP67)



Front Cable Entry Bottom End Cap Closed End Cap



Accessories

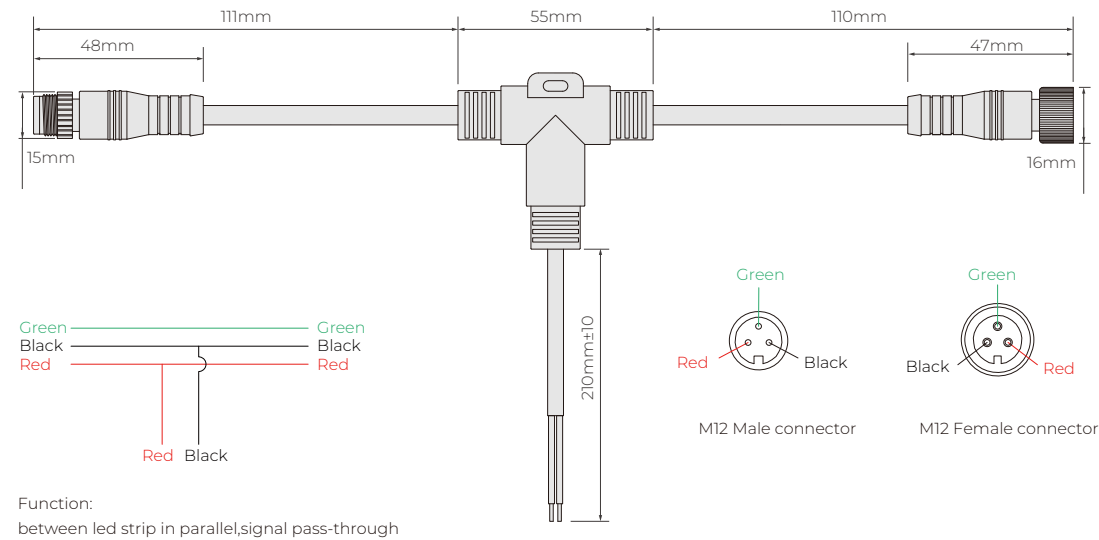


Aluminium Profile
Length: 1m/2m/3m

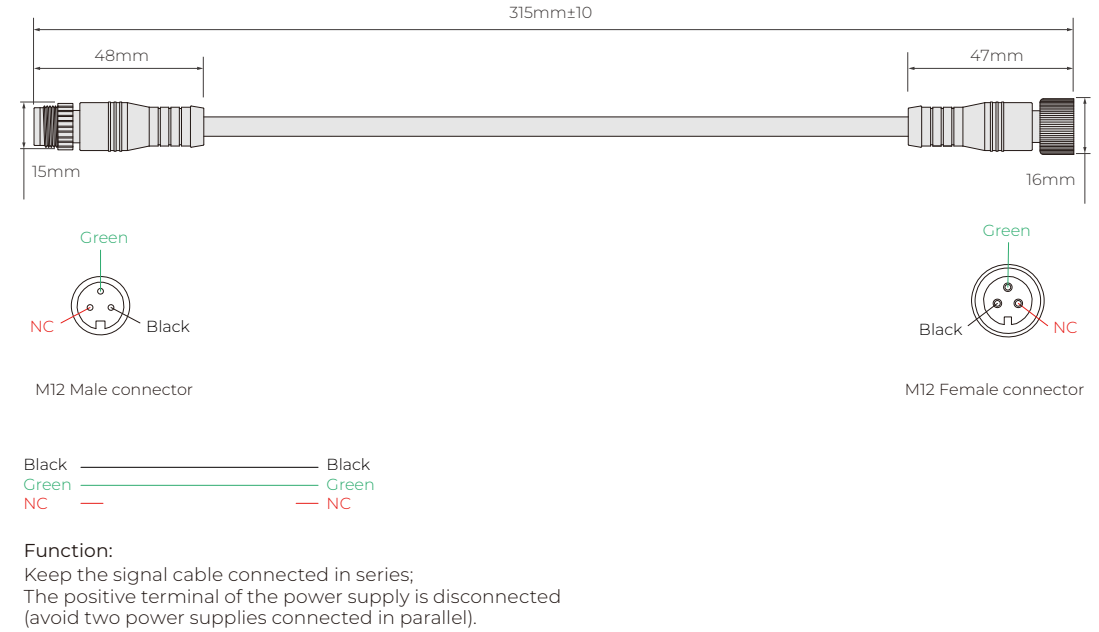


SPI Cable Connector

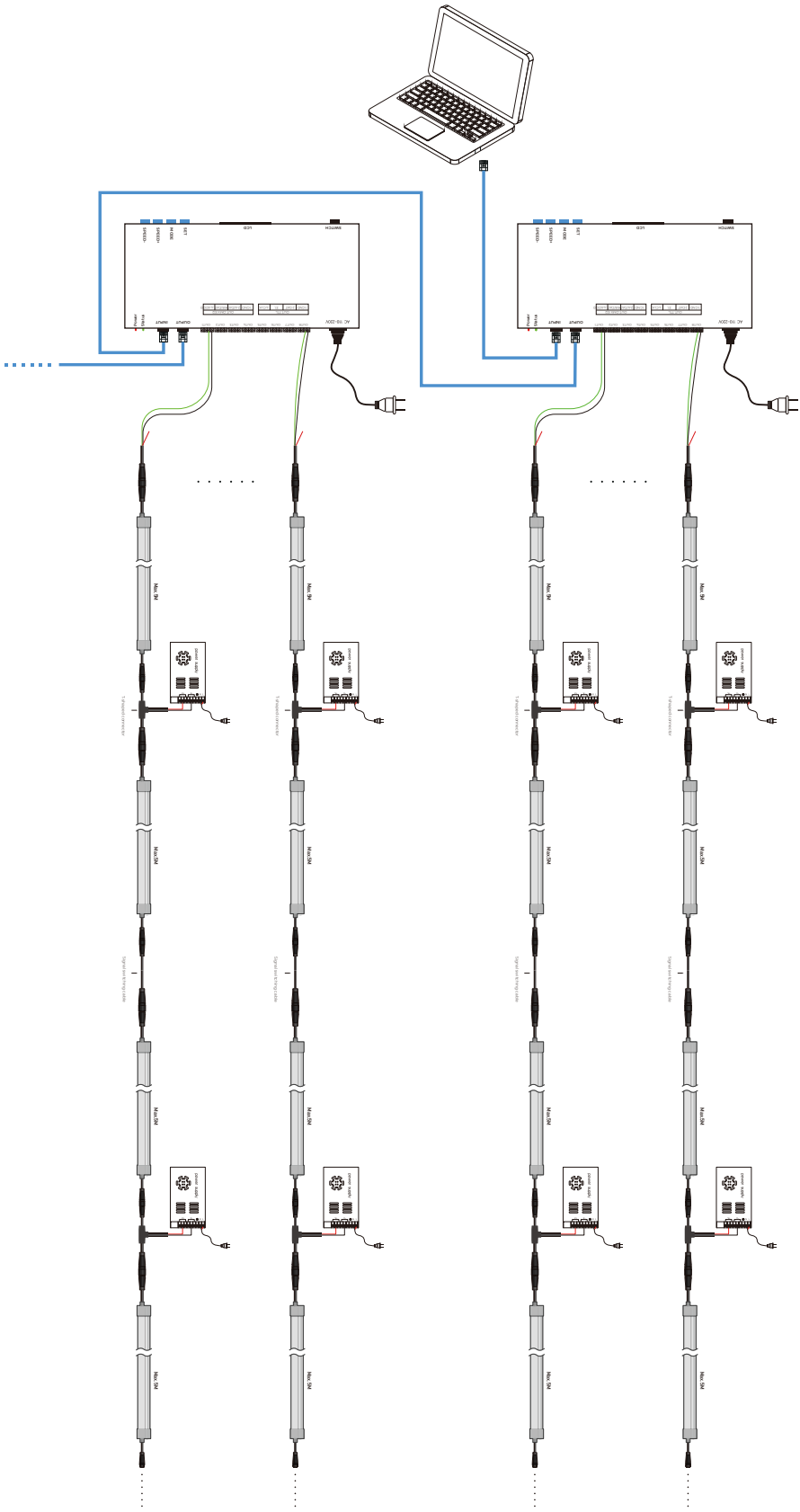
T-type 3 channel connector



Signal switching cable

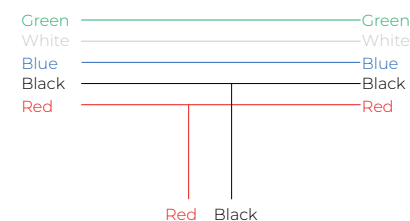


Control system connection diagram-SPI Signal





T-type 5 channel connector



Function:
between led strip in parallel,signal pass-through

The diagram shows a 200mm long RJ45 patch cord. The dimensions are: 50mm for the male connector, 52mm for the female connector, and 16mm for the connector width. Below the cord are two pinout diagrams:

- Male connector:** Blue (Pin 1), Green (Pin 2), White (Pin 3), Black (Pin 4). Red text indicates "Don't connect" for Pins 4, 5, and 6.
- Female connector:** Blue (Pin 1), White (Pin 2), Green (Pin 3), Black (Pin 4). Red text indicates "Don't connect" for Pins 4, 5, and 6.

White — White

Blue — Blue

Green — Green

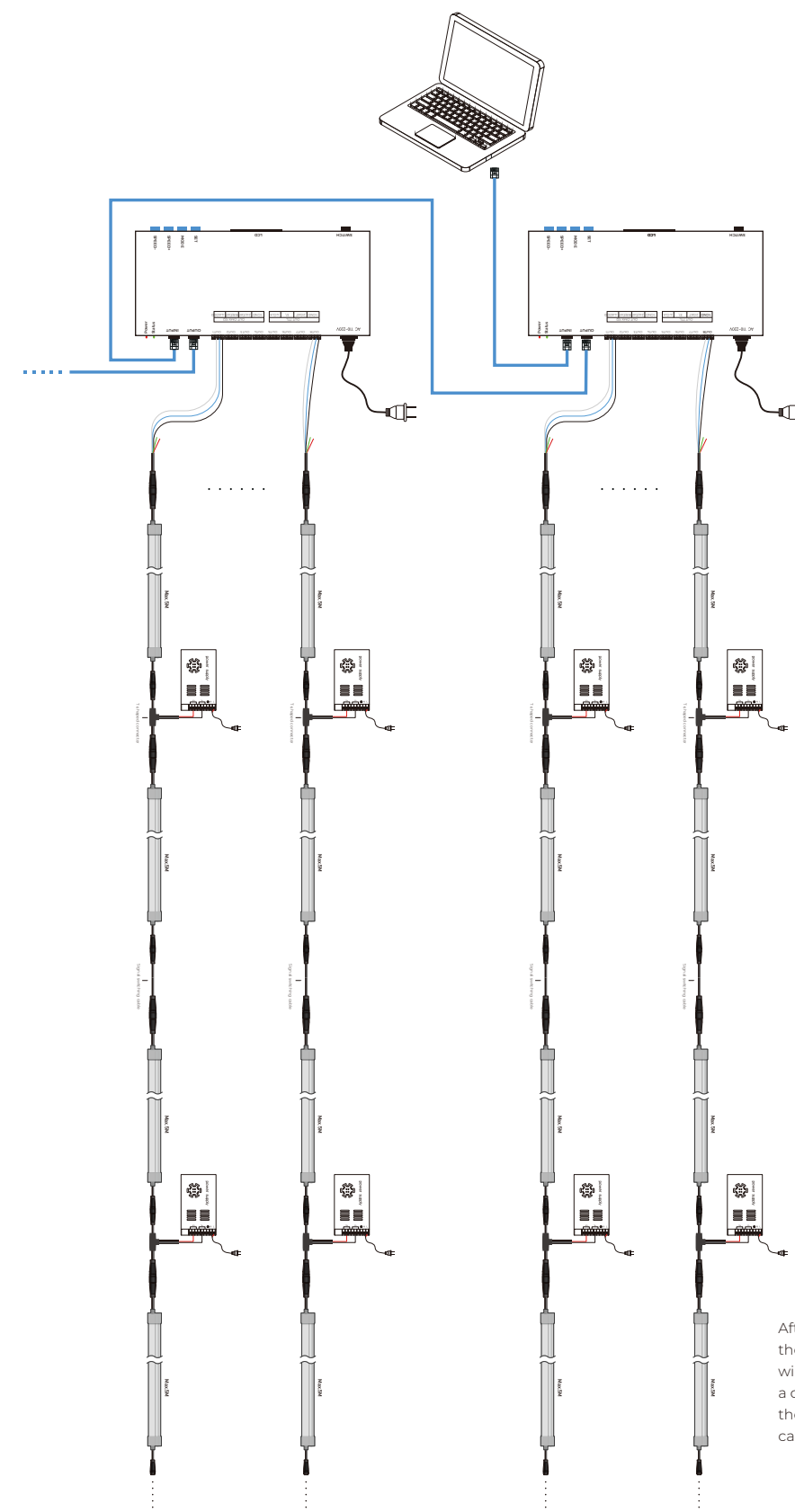
Black — Black

NC — NC

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



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.

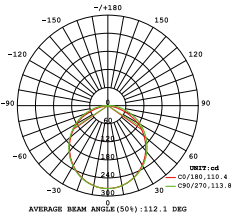
HIGH EFFICIENCY NEON

The High Efficiency Neon series uses high-efficiency light sources and a unique high-transmittance optical design. With CRI90, it offers up to 95 lm/w.

HIGH EFFICIENCY T1212

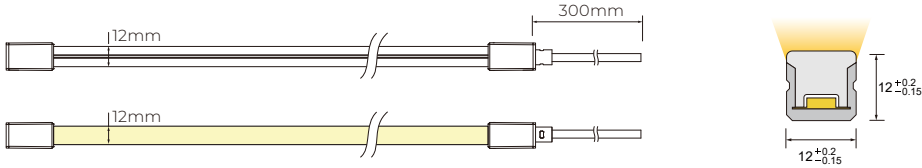


High-efficiency light sources with a unique high-transmittance optical design. Made from Dow SILASTIC™ silicone with high light transmission and an integrated extrusion molding process, featuring IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NH-T1212	
Voltage	DC24V	
Power(w/m)	5W/10W	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W
Max. Run Length(CC)	8m
Cutting Length	50mm

- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	820	10	82
	3000K±150	880	10	88
	3500K±200	950	10	95
	4000K±300	930	10	93
	5000K±300	940	10	94
	6000K±300	950	10	95



End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

Solder Free End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

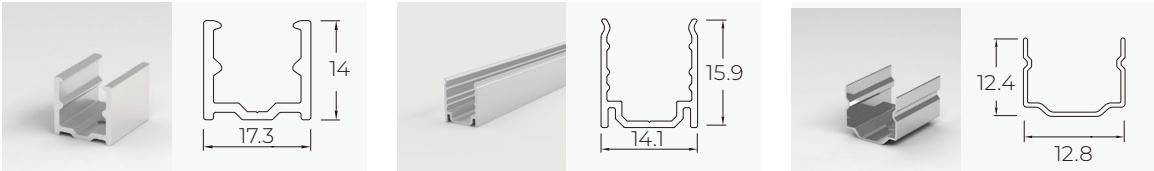
Silicone End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

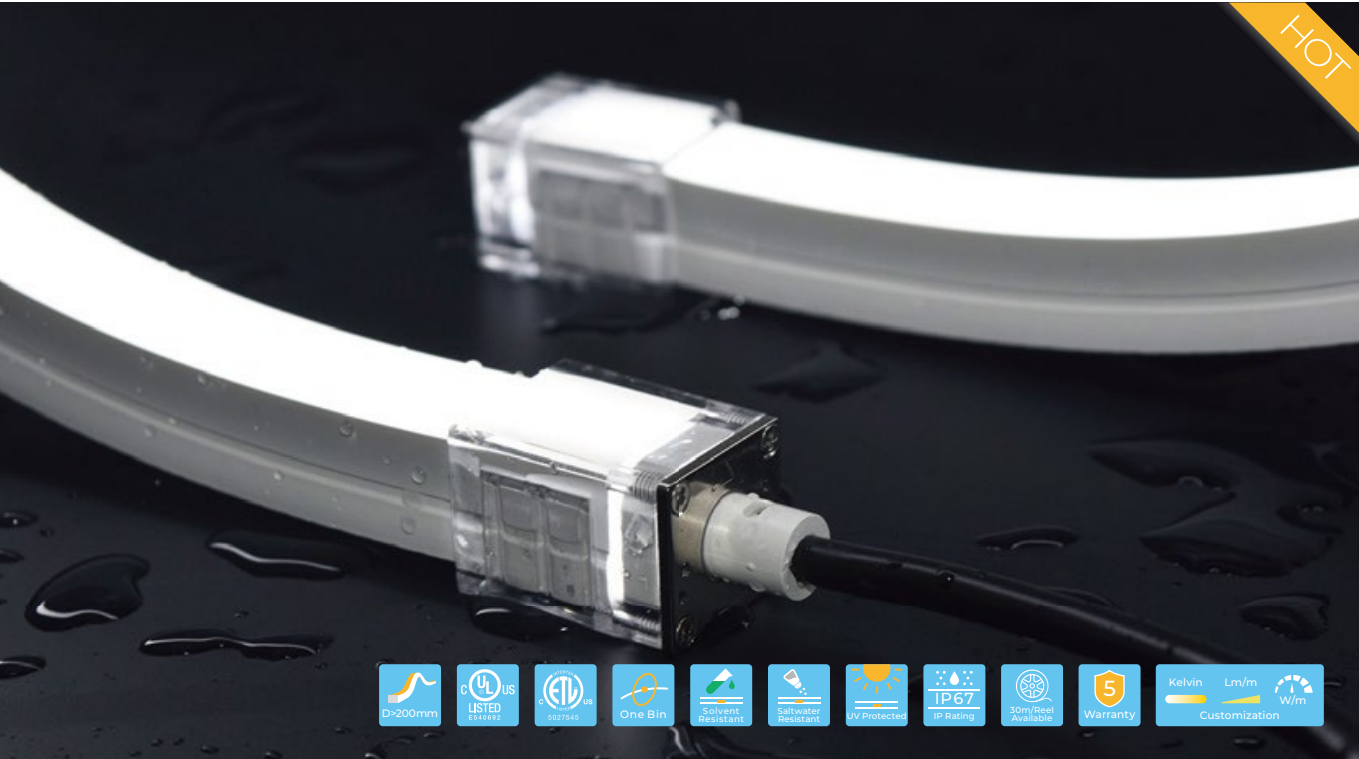


Accessories

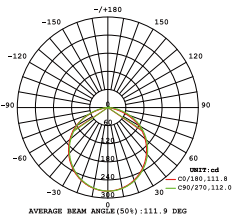


Aluminium Mounting clips Length: 2cm Aluminium Profile Length: 1m/2m/3m Stainless Steel Mounting clips Length: 2cm

HIGH EFFICIENCY T1615

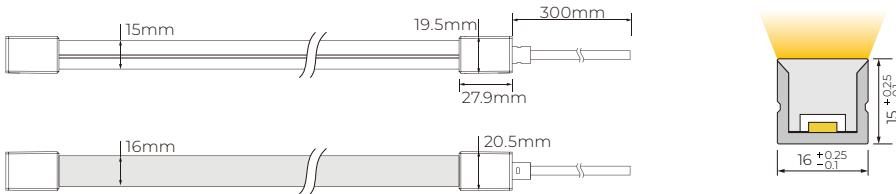


High-efficiency light sources with a unique high-transmittance optical design. Made from Dow SILASTIC™ silicone with high light transmission and an integrated extrusion molding process, featuring IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NH-T1615		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15W
Max. Run Length(CC)	12m
Cutting Length	50mm

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2600-2800K	730	10	73
	2900-3100K	770	10	77
	3300-3700K	850	10	85
	3700-4300K	820	10	82
	4700-5300K	900	10	90
	5700-6300K	890	10	89



End Cap & Cable Lead Option

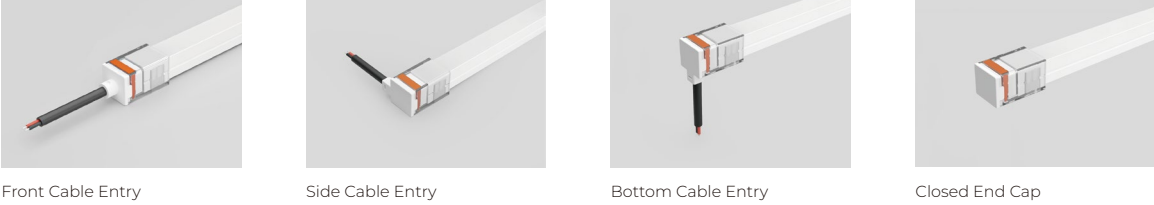
Integral End Cap (IP67)



Solder Free End Cap (IP67)



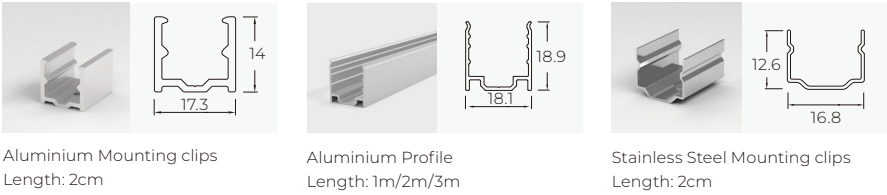
Solder Free End Cap Without Screws (IP67)



Silicone End Cap (IP67)



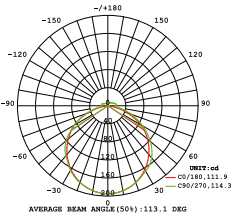
Accessories



HIGH EFFICIENCY S1220

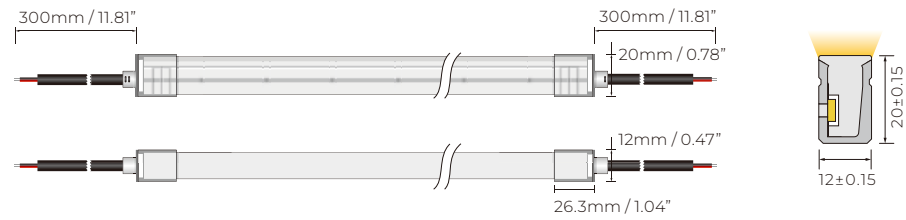


High-efficiency light sources with a unique high-transmittance optical design. Made from Dow SILASTIC™ silicone with high light transmission and an integrated extrusion molding process, featuring IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NH-S1220		
Voltage	DC24V		
Power(w/m)	5W/10W/15W		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15W
Max. Run Length(CC)	12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2600-2800K	530	10	53
	2900-3100K	530	10	53
	3300-3700K	580	10	58
	3700-4300K	610	10	61
	4700-5300K	590	10	59
	5700-6300K	590	10	59

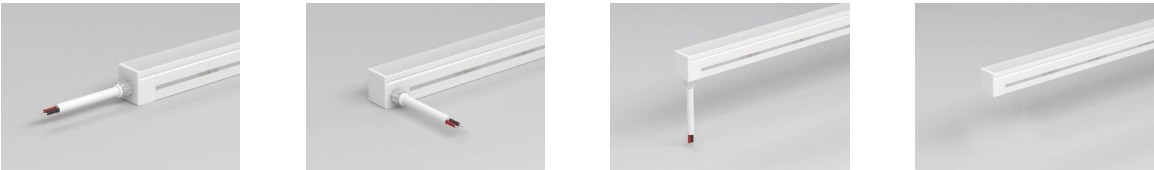
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP67)



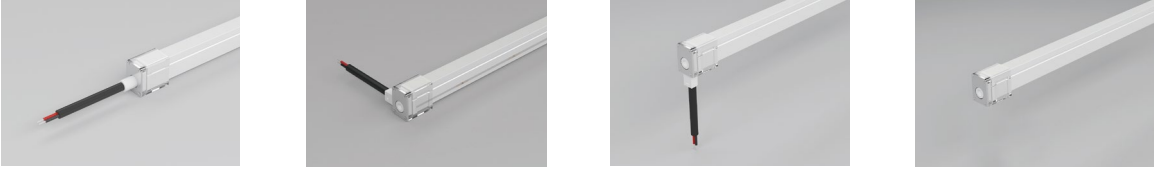
Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Closed End Cap

Combined End Cap (IP67)



Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Closed End Cap

Solder Free End Cap Without Screws (IP67)



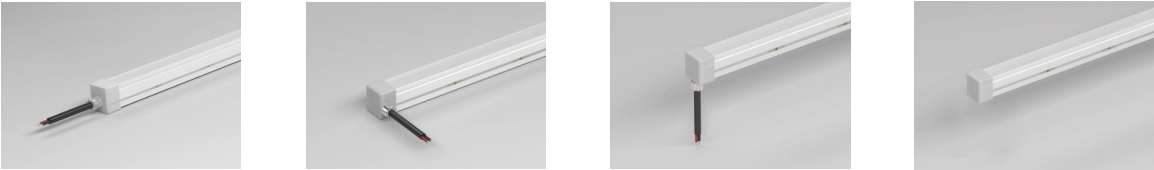
Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry

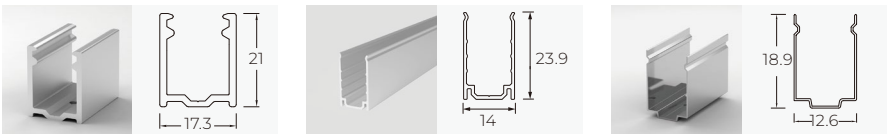
Side Cable Entry

Bottom Cable Entry

Closed End Cap



Accessories



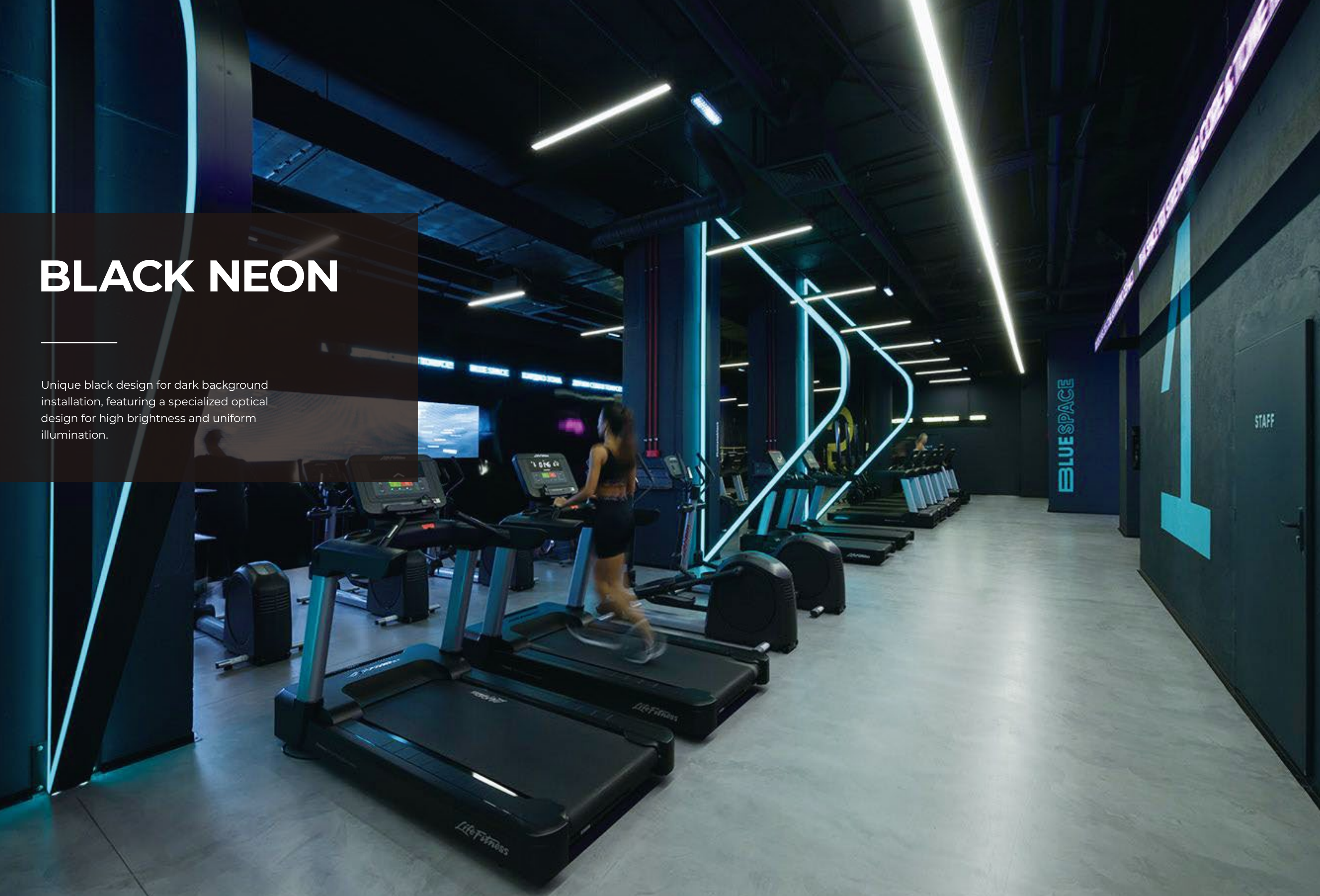
Aluminium Mounting clips
Length: 2cm

Aluminium Profile
Length: 1m/2m/3m

Stainless Steel Mounting clips
Length: 2cm

BLACK NEON

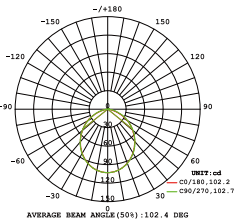
Unique black design for dark background installation, featuring a specialized optical design for high brightness and uniform illumination.



BLACK T1010

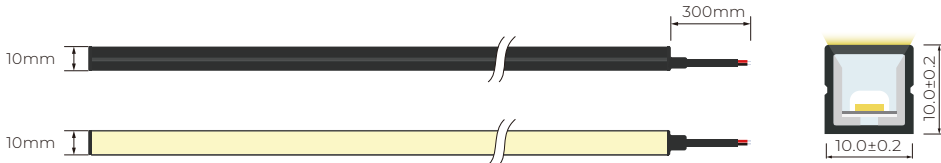


Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NB-T1010
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)
Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10W
Max. Run Length(CC)	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	170	10	17.0
	3000K±150	172	10	17.2
	3500K±200	180	10	18.0
	4000K±300	182	10	18.2
	5000K±400	181	10	18.1
	6500K±400	175	10	17.5
--	Red	77	10	7.7
	Green	182	10	18.2
	Blue	33	10	3.3
	Yellow	48	10	4.8
	Orange	71	10	7.1
	Pink	167	10	16.7

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

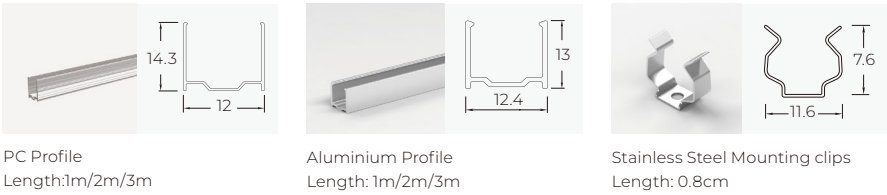
Integral End Cap (IP67)



Silicone End Cap (IP67)



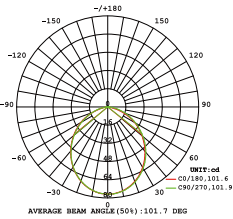
Accessories



BLACK T1615

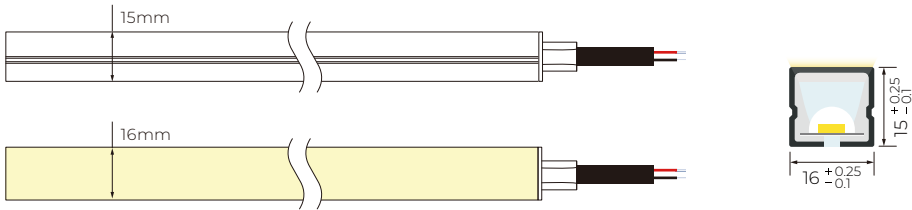


Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NB-T1615		
Voltage	DC24V		
Power(w/m)	5W/10w/15w		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

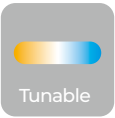


Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10W
Max. Run Length(CC)	17m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	152	10	15.2
	3000K±150	157	10	15.7
	3500K±200	161	10	16.1
	4000K ⁺⁴⁰⁰ ₋₂₀₀	161	10	16.1
	5000K ⁺⁵⁰⁰ ₋₃₀₀	155	10	15.5
	6500K ⁺²⁰⁰ ₋₆₀₀	147	10	14.7
--	Red	73	10	7.3
	Green	149	10	14.9
	Blue	27	10	2.7
	Yellow	51	10	5.1
	Orange	64	10	6.4
	Pink	149	10	14.9

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	20.6	10	2.06
	3000K±150	21.1	10	2.11
	4000K±300	20.4	10	2.04
	6500K±400	20.7	10	2.07

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	74	5	14.8
	6000K	78	5	15.6
	2700K+6000K	152	10	15.2

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	17	3.3	5.1
	G	51	3.3	15.6
	B	8	3.3	2.3
	RGB	75	10	7.5



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	19	3.3	5.8
	G	62	3.3	18.8
	B	10	3.3	3.0
>90	3000K±150	87	5	17.3
	RGBW	172	15	11.5

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Silicone End Cap (IP67)



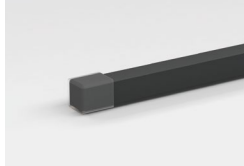
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



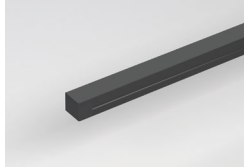
Front Cable Entry



Side Cable Entry



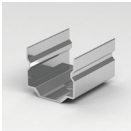
Bottom Cable Entry



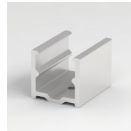
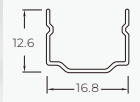
Closed End Cap



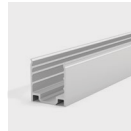
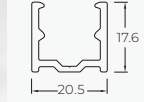
Accessories



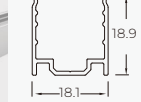
Stainless Steel Mounting clips
Length: 2cm



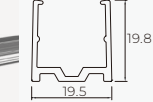
Aluminium Mounting clips
Length: 2cm



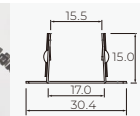
Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m



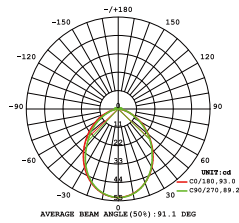
Curved Stainless
Steel mounting profile



BLACK S1220

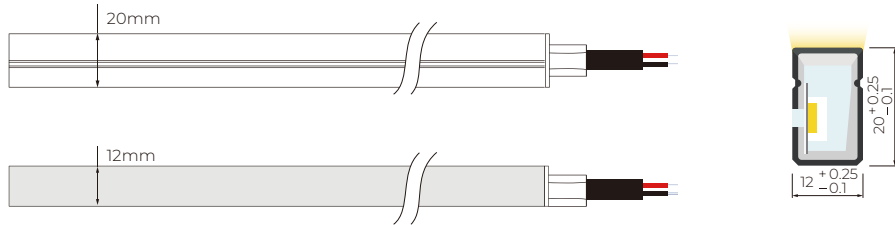


Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NB-S1220		
Voltage	DC24V		
Power(w/m)	5W/10W/15W		
Storage Temperature	-25°C~60°C		
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	103	10	10.3
	3000K±150	109	10	10.9
	3500K±200	109	10	10.9
	4000K ⁺⁴⁰⁰ ₋₂₀₀	107	10	10.7
	5000K ⁺⁵⁰⁰ ₋₃₀₀	110	10	11.0
	6500K ⁺²⁰⁰ ₋₆₀₀	99	10	9.9
--	Red	47	10	4.7
	Green	92	10	9.2
	Blue	15	10	1.5
	Yellow	33	10	3.3
	Orange	40	10	4.0
	Pink	91	10	9.1

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	17.2	10	1.72
	3000K±150	17.8	10	1.78
	4000K±300	17.4	10	1.74
	6500K±400	19.5	10	1.95

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	55	5	11.0
	6000K	52	5	10.4
	2700K+6000K	106	10	10.6

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	11	3.3	3.4
	G	33	3.3	9.9
	B	5	3.3	1.4
	RGB	49	10	4.9



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	12	3.3	3.5
	G	34	3.3	10.2
	B	6	3.3	1.7
>90	3000K±150	51	5	10.2
	RGBW	102	15	6.8

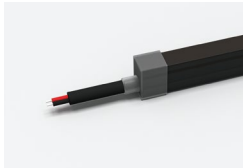
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



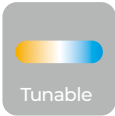
Side Cable Entry



Bottom Cable Entry



Closed End Cap



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	55	5	11.0
	6000K	52	5	10.4
	2700K+6000K	106	10	10.6

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	11	3.3	3.4
	G	33	3.3	9.9
	B	5	3.3	1.4
	RGB	49	10	4.9

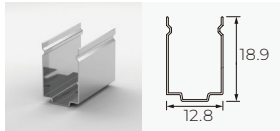


RGB

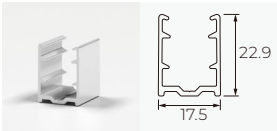
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm



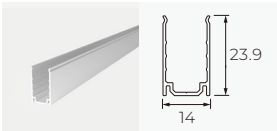
Accessories



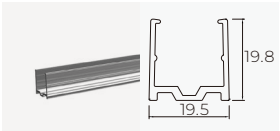
Stainless Steel Mounting clips
Length: 0.8cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m

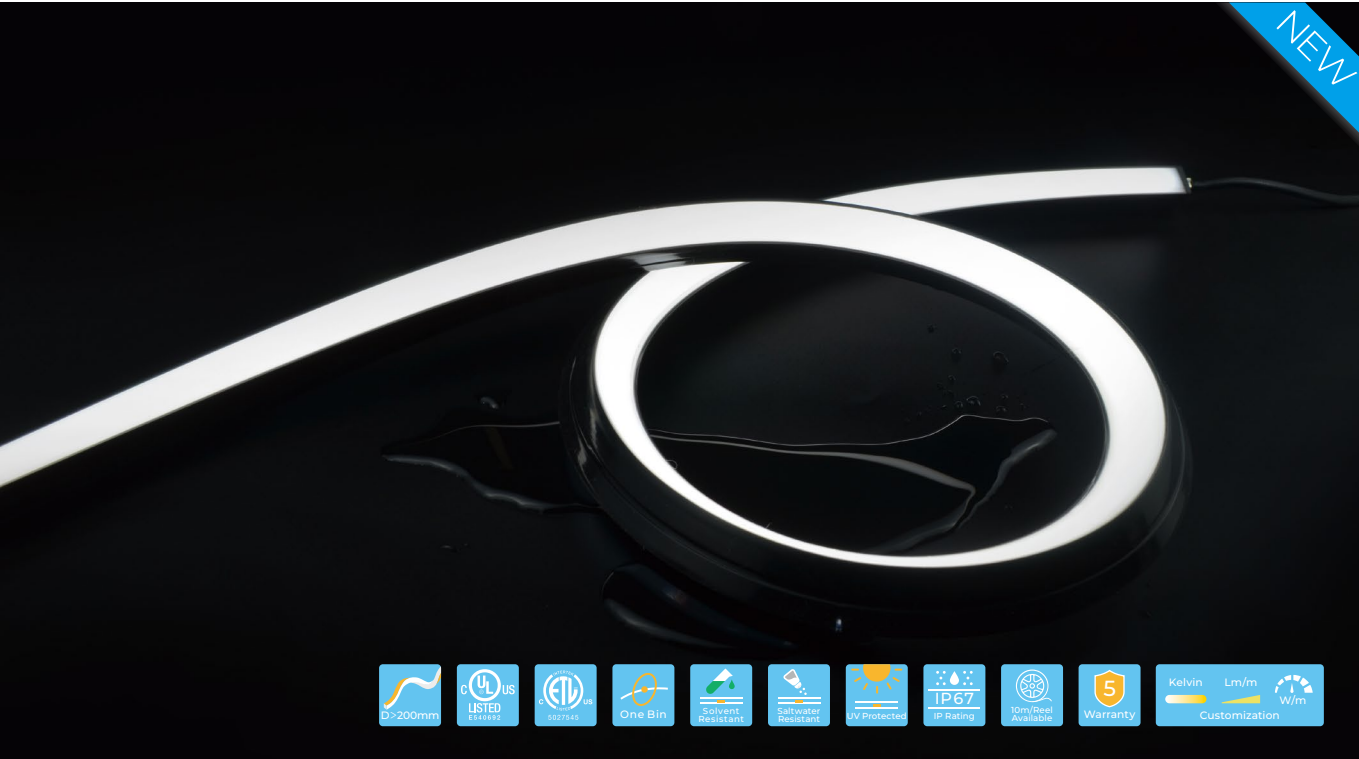


PC Profile
Length: 1m

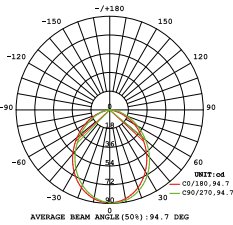


Use with the profile

BLACK 3D1615



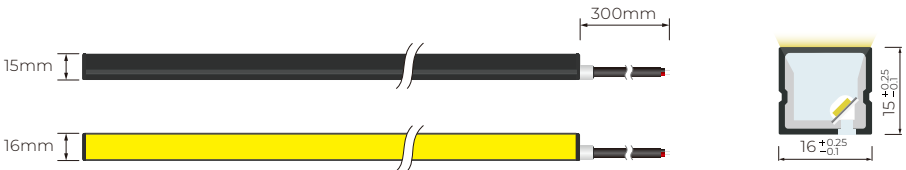
Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. 16mm wide luminous surface with top and side bending, adaptable to various installation needs. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)



Dimensions



Basic Parameters

Model No.	NB-3D1615
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C,Max.+55°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	121	10	12.1
	3000K±150	133	10	13.3
	3500K±200	138	10	13.8
	4000K±300	132	10	13.2
	5000K±400	126	10	12.6
	6500K±400	127	10	12.7
--	Red	55	10	5.5
	Green	132	10	13.2
	Blue	22	10	2.2
	Yellow	36	10	3.6
	Orange	49	10	4.9
	Pink	126	10	12.6

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Silicone End Cap (IP67)



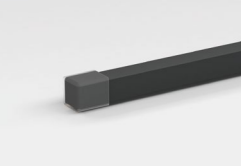
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



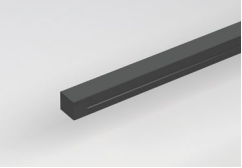
Front Cable Entry



Side Cable Entry



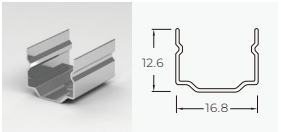
Bottom Cable Entry



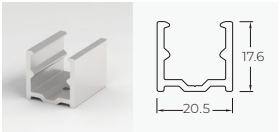
Closed End Cap



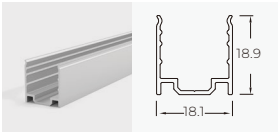
Accessories



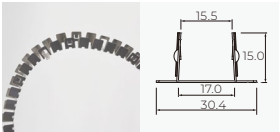
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



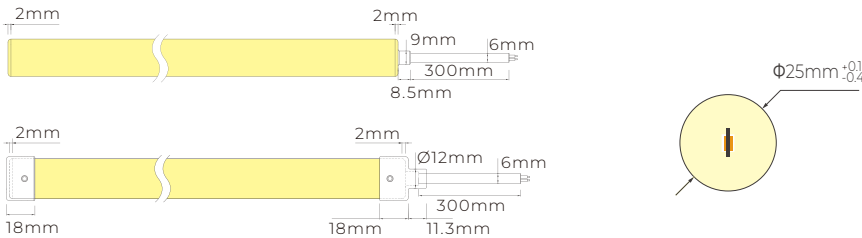
Use with the profile

BLACK R25



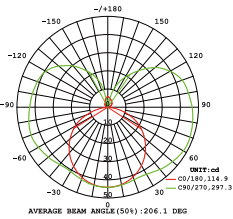
Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. 13mm diameter with 360° uniform lighting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.

Dimensions



Basic Parameters

Model No.	NB-R25
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	0°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)



Light Distribution Curve
(24V, 10W, 4000K)

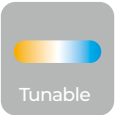


Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	75	10	7
	2700K±150	78	10	7.4
	3000K±150	83	10	7.8
	3500K±200	82	10	7.8
	4000K±300	80	10	7.7
	5000K±300	75	10	7.2
--	R: 620-630nm	40	10	3.8
	G: 520-530nm	73	10	6.5
	B: 465-475nm	12	10	1.1
	Y: 585-595nm	29	10	2.8
	Pink	62	10	5.8

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	78	10	7.8
	3000K±150	83	10	8.3
	4000K±300	80	10	8
	6500K±400	75	10	7.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	3000K	64	10	6.2
	4000K	31	10	6
	2300K	33	10	6.4

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	4.6	10	2.5
	G: 520-530nm	15	10	2
	B: 465-475nm	1.7	10	4.6
	RGB	21	10	0.6



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16W
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	2.6	16	0.6
	G: 520-530nm	5.7	16	1.8
	B: 465-475nm	19.4	16	4.8
	RGB	29.3	16	2.4
>90	3000K	25.9	16	6.5

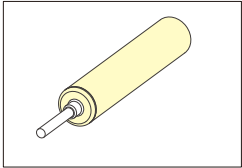
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

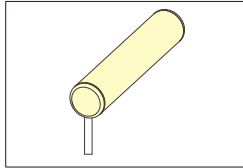


End Cap & Cable Lead Option

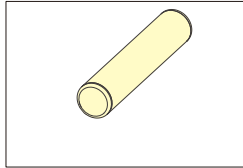
Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips,Tapping screws, Expand-able rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Metal Connector for Front Cable Entry
Metal connector,Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
Transparent PC clips, Transpar-ent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Hanging PC clips Set
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Mounting Concealed PC clips Set
Transparent PC pedestals with two holes, Transparent PC pedestals with five holes,Tapping screws, Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Adjustable Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Adjustable Hanging PC profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Machine screws,Kit of telescopic rod



Adjustable Hanging PC clips
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



PC Connector for Side Cable Entry
Screws, Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent side outlet connector



PC Connector for Front Cable Entry
Screws,Transparent connector



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube;



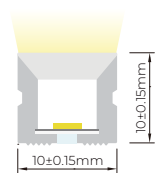
Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube

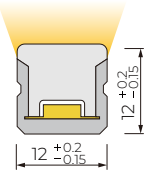
FREE CUTTING NEON

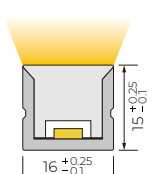
Free cutting design for precise installation,
allowing cuts at any point to avoid dark
areas caused by mismatched lengths.

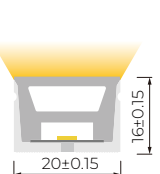


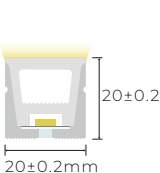
TOP BEND NEON

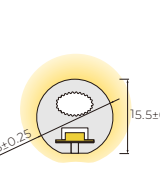
 Sectional View	NS-T1010S	Page 036	Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	710	10	71.0
	Power(w/m)	5w/10w		 3000K±150	740	10	74.0
	Max. Run Length	5m		 4000K±300	770	10	77.0
	Cutting Length	8.33mm		 5000K±400	760	10	76.0
				 6500K±400	750	10	75.0

 Sectional View	NS-T1212	Page 039	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	700	10	70.0
	Power(w/m)	5w/10w		 3000K±150	730	10	73.0
	Max. Run Length	5m		 4000K±300	750	10	75.0
	Cutting Length	8.33mm		 5000K±400	740	10	74.0
				 6500K±400	730	10	73.0

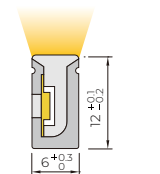
 Sectional View	NS-T1615	Page 042	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	690	10	69.0
	Power(w/m)	5w/10w/15w		 3000K±150	710	10	71.0
	Max. Run Length	5m		 4000K±300	730	10	73.0
	Cutting Length	8.33mm		 5000K±400	720	10	72.0
				 6500K±400	710	10	71.0

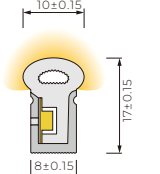
 Sectional View	NS-T2016	Page 049	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	570	10	57.0
	Power(w/m)	5w/10w/15w		 3000K±150	580	10	58.0
	Max. Run Length	5m		 4000K±300	600	10	60.0
	Cutting Length	8.33mm		 5000K±400	590	10	59.0
				 6500K±400	570	10	57.0

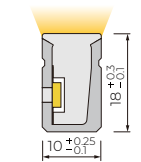
 Sectional View	NS-T2020	Page 052	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	570	10	57.0
	Power(w/m)	10w		 3000K±150	580	10	58.0
	Max. Run Length	5m		 4000K±300	580	10	58.0
	Cutting Length	8.33mm		 5000K±400	590	10	59.0
				 6500K±400	570	10	57.0

 Sectional View	NS-D16	Page 061	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	700	10	70.0
	Power(w/m)	5w/10w		 3000K±150	730	10	73.0
	Max. Run Length	5m		 4000K±300	750	10	75.0
	Cutting Length	8.33mm		 5000K±400	740	10	74.0
				 6500K±400	730	10	73.0

SIDE BEND NEON

 Sectional View	NS-S0612	Page 068	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	300	10	30.0
	Power(w/m)	5w/10w		 3000K±150	325	10	32.5
	Max. Run Length	5m		 4000K±300	348	10	34.8
	Cutting Length	8.33mm		 5000K±400	340	10	34.0
				 6500K±400	325	10	32.5

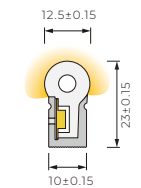
 Sectional View	NS-S0817	Page 071	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	 2700K±150	570	10	57.0
	Power(w/m)	5w/10w		 3000K±150	580	10	58.0
	Max. Run Length	5m		 4000K±300	600	10	60.0
	Cutting Length	8.33mm		 5000K±400	590	10	59.0
				 6500K±400	570	10	57.0



Sectional View

NS-S1018			Page 076
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w/15w		
Max. Run Length	5m		
Cutting Length	8.33mm		

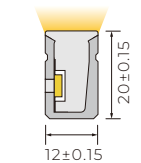
Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	320	10	320	
	3000K±150	345	10	345	
	4000K±300	366	10	366	
	5000K±400	350	10	350	
	6500K±400	345	10	345	



Sectional View

NS-S1023			Page 079
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w/15w		
Max. Run Length	5m		
Cutting Length	8.33mm		

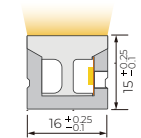
Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	395	10	39.5	
	3000K±150	410	10	41.0	
	4000K±300	434	10	43.4	
	5000K±400	420	10	42.0	
	6500K±400	420	10	42.0	



Sectional View

NS-S1220			Page 085
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w/15w		
Max. Run Length	5m		
Cutting Length	8.33mm		

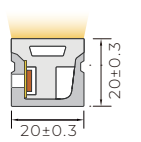
Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	300	10	30.0	
	3000K±150	310	10	31.0	
	4000K±300	330	10	33.0	
	5000K±400	320	10	32.0	
	6500K±400	310	10	31.0	



Sectional View

NS-S1615			Page 092
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w/15w		
Max. Run Length	5mm		
Cutting Length	8.33mm		

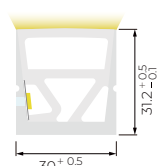
Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	590	10	59.0	
	3000K±150	600	10	60.0	
	4000K±300	620	10	62.0	
	5000K±400	610	10	61.0	
	6500K±400	600	10	60.0	



Sectional View

NS-S2020			Page 098
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w/15w		
Max. Run Length	5m		
Cutting Length	8.33mm		

Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	400	10	40.0	
	3000K±150	425	10	42.5	
	4000K±300	442	10	44.2	
	5000K±400	430	10	43.0	
	6500K±400	415	10	41.5	

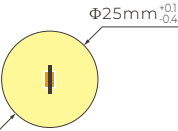


Sectional View

NS-S3032			Page 101
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	16w/20w/24w		
Max. Run Length	5mm		
Cutting Length	8.33mm		

Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	485	10	48.5	
	3000K±150	512	10	51.2	
	4000K±300	535	10	53.5	
	5000K±400	510	10	51.0	
	6500K±400	500	10	50.0	

ROUND 360° NEON

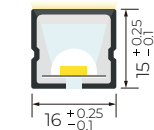


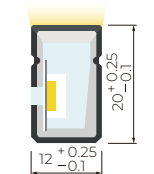
Sectional View

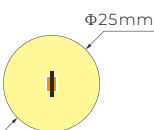
NS-R25			Page 118
Voltage	DC24 V		
Circuit Design	CV		
Power(w/m)	5w/10w		
Max. Run Length	5m		
Cutting Length	8.33mm		

Free Cut Parameters					
CRI	CCT	lm/m	w/m	lm/w	
>90	2700K±150	517	10	51.7	
	3000K±150	529	10	52.9	
	4000K±300	556	10	55.6	
	6500K±400	586	10	58.6	

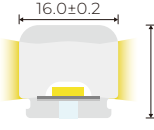
BLACK NEON

 Sectional View	NB-T1615	Page 188	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	20.6	10	2.06
	Power(w/m)	5w/10w/15w		3000K±150	21.1	10	2.11
	Max. Run Length	5m		4000K±300	20.4	10	2.04
	Cutting Length	8.33mm		6500K±400	20.7	10	2.07

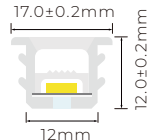
 Sectional View	NB-S1220	Page 191	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	17.2	10	1.72
	Power(w/m)	5w/10w		3000K±150	17.8	10	1.78
	Max. Run Length	5m		4000K±300	17.4	10	1.74
	Cutting Length	8.33mm		6500K±400	19.5	10	1.95

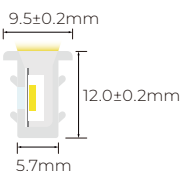
 Sectional View	NB-R25	Page 196	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	78	10	7.8
	Power(w/m)	5W/10w		3000K±150	83	10	8.3
	Max. Run Length	5m		4000K±300	80	10	8
	Cutting Length	8.33mm		6500K±400	75	10	7.5

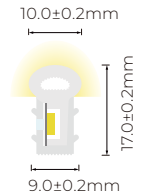
DUAL NEON

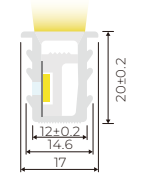
 Sectional View	ND-1615	Page 211	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV/CC	>90	2700K±150	580	10	58.0
	Power(w/m)	5w/10w		3000K±150	600	10	60.0
	Max. Run Length	5m		4000K±300	620	10	62.0
	Cutting Length	8.33mm		5000K±400	610	10	61.0
				6500K±400	600	10	60.0

RECESSED NEON

 Sectional View	NR-T1212	Page 218	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	514	10	51.4
	Power(w/m)	10w		3000K±150	536	10	53.6
	Max. Run Length	5m		4000K±300	571	10	57.1
	Cutting Length	8.33mm		6500K±400	585	10	58.5

 Sectional View	NR-S0612	Page 224	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	300	10	30.0
	Power(w/m)	10w		3000K±150	325	10	32.5
	Max. Run Length	5m		4000K±300	348	10	34.8
	Cutting Length	8.33mm		5000K±400	340	10	34.0
				6500K±400	325	10	32.5

 Sectional View	NR-S0817	Page 227	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	346.2	10	34.6
	Power(w/m)	10W		3000K±150	363.5	10	36.3
	Max. Run Length	5m		4000K±300	380.8	10	38.1
	Cutting Length	8.33mm		5000K±400	372.1	10	37.2
				6500K±400	363.4	10	36.3

 Sectional View	NR-S1220	Page 230	Free Cut Parameters				
	Voltage	DC24 V	CRI	CCT	lm/m	w/m	lm/w
	Circuit Design	CV	>90	2700K±150	300	10	30.0
	Power(w/m)	10W		3000K±150	325	10	32.5
	Max. Run Length	5m		4000K±300	351	10	35.1
	Cutting Length	8.33mm		5000K±400	330	10	33.0
				6500K±400	310	10	31.0

DUAL NEON

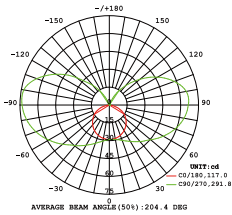
Unique two-sided luminous structure designed for ambient lighting, perfect for different environments.



DUAL 1612

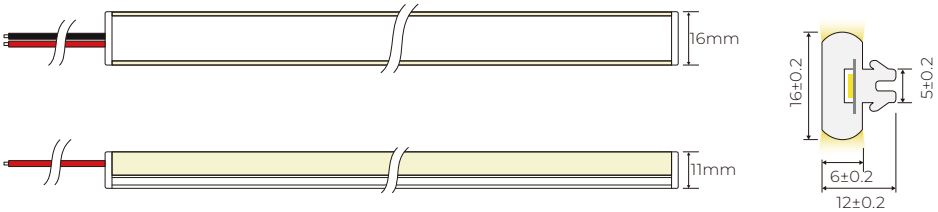


Unique two-sided luminous structure, ideal for ambient lighting in various environments. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length >10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	ND-1612
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	10w
Max. Run Length(CC)	13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	520	10	52
	2700K±150	520	10	52
	3000K±150	550	10	55
	4000K±300	600	10	60
	6500K±500	550	10	55
--	Red	210	10	21
	Green	550	10	55
	Blue	110	10	11
	Yellow	210	10	21
	Pink	480	10	48



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	285	5	57
	6000K	295	5	59
	2700K+6000K	580	10	58



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	41.25	3.3	12.5
	G	145.2	3.3	44
	B	24.75	3.3	7.5
	RGB	220	10	22



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12
Pixels/m	10
Cutting Length	100mm

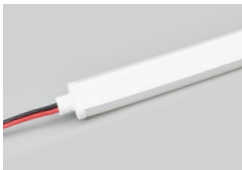
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	47.66	4.8	9.93
	G	132.82	4.8	27.67
	B	21.02	4.8	4.38
	RGB	189.12	12	15.76



End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry

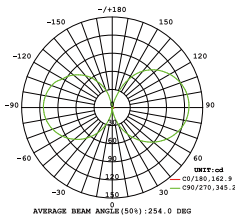


Closed End Cap

DUAL 1615

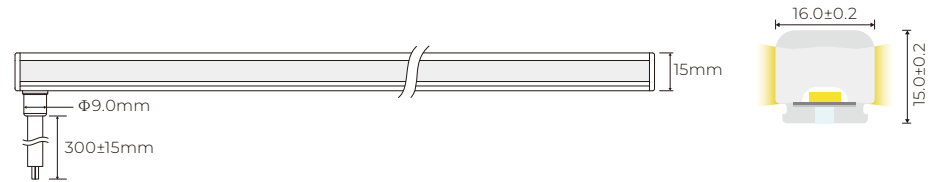


Unique two-sided luminous structure, ideal for ambient lighting in various environments. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	ND-1615
Voltage	DC24V
Power(w/m)	5W/10W/15W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	5W~15W
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5W/10W/15W
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	604	10	60.4
	3000K±150	617	10	61.7
	3500K±200	620	10	62.0
	4000K ⁺⁴⁰⁰ ₋₂₀₀	638	10	63.8
	5000K ⁺⁵⁰⁰ ₋₃₀₀	637	10	63.7
	6500K ⁺²⁰⁰ ₋₆₀₀	636	10	63.6
--	Red	242	10	24.2
	Green	599	10	59.9
	Blue	121	10	12.1
	Yellow	181	10	18.1
	Orange	224	10	22.4
	Pink	524	10	52.4

Free Cut

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length	17m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	580	10	58.0
	3000K±150	600	10	60.0
	4000K±300	620	10	62.0
	5000K±400	610	10	61.0
	6500K±400	600	10	60.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	294	5	58.7
	6000K	319	5	63.7
	2700K+6000K	609	10	60.9

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	61	3.3	18.6
	G	224	3.3	68.0
	B	38	3.3	11.4
	RGB	327	10	32.7



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length(CC)	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	3.3	18.7
	G	232	3.3	70.4
	B	43	3.3	13.0
>90	3000K±150	304	5	60.7
	RGBW	626	15	41.7

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



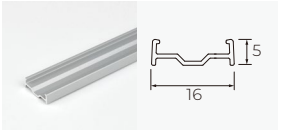
Bottom End Cap



Closed End Cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

RECESSED NEON

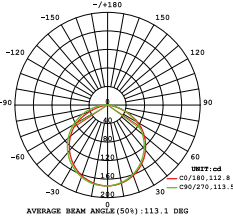
Unique winged design for recessed
installation, no profiles needed.



RECESSED T0606

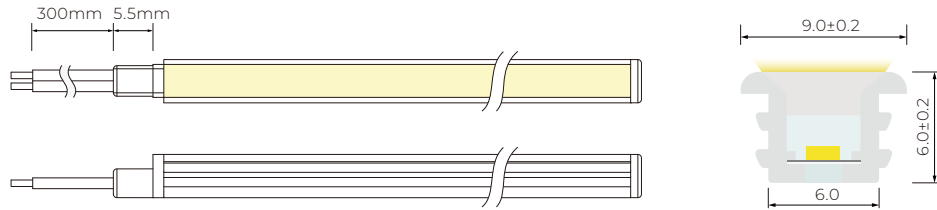


Unique winged design with a 6mm slim luminous surface, ideal for recessed installation in indoor outlines and furniture, no profiles needed. Tri-color silicone extrusion with a clear window for easy cutting. High-density LED strip inside ensures uniform, glare-free light emission. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NR-T0606
Voltage	DC24V
Power(w/m)	6W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)
Output	Std Output
Power(w/m)	3W~6W
Max. Ambient tempt.(Tamax)	-25°C~55°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	6W
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	288	6	48.0
	2400K±150	336	6	56.0
	2700K±150	378	6	63.0
	3000K±150	381	6	63.5
	3500K±200	378	6	63.0
	4000K±300	397	6	66.2
--	5700K±400	372	6	62.0
	Red	160	6	6.5
	Green	402	6	72.5
	Blue	85	6	14.2
	Yellow	119	6	11.4
	Orange	149	6	12.9

Note:
· CV: Constant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Solder Free End Cap (IP44)



Front Cable Entry



Closed End Cap

RECESSED T1212



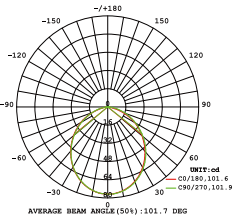
12mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.

Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.

Dust-resistant matte finish ensures a clean look with uniform, natural light.

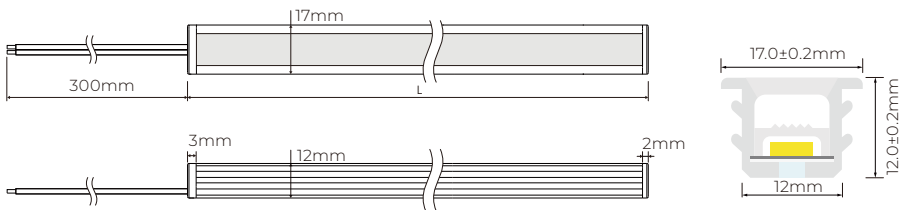
Run length > 10m, production length up to 30m.

5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

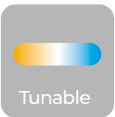
Model No.	NR-T1212
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10W
Max. Run Length(CC)	13m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	514	10	51.4
	3000K±150	536	10	53.6
	4000K±300	571	10	57.1
	6500K±500	585	10	58.5
--	Red	247	10	24.7
	Green	603	10	60.3
	Blue	137	10	13.7
	Yellow	179	10	17.9
	Orange	251	10	25.1
	Pink	473	10	47.3

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	514	10	51.4
	3000K±150	536	10	53.6
	4000K±300	571	10	57.1
	6500K±400	585	10	58.5

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	270	5	53.9
	6000K	302	5	60.4
	2700K+6000K	570	10	57.0

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.3	16.7
	G	172	3.3	52.1
	B	33	3.3	9.9
	RGB	265	10	26.5



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12.5
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	4.8	13.0
	G	188	4.8	39.2
	B	34	4.8	7.1
	RGB	277	12.5	22.2

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Integral End Cap (IP44)

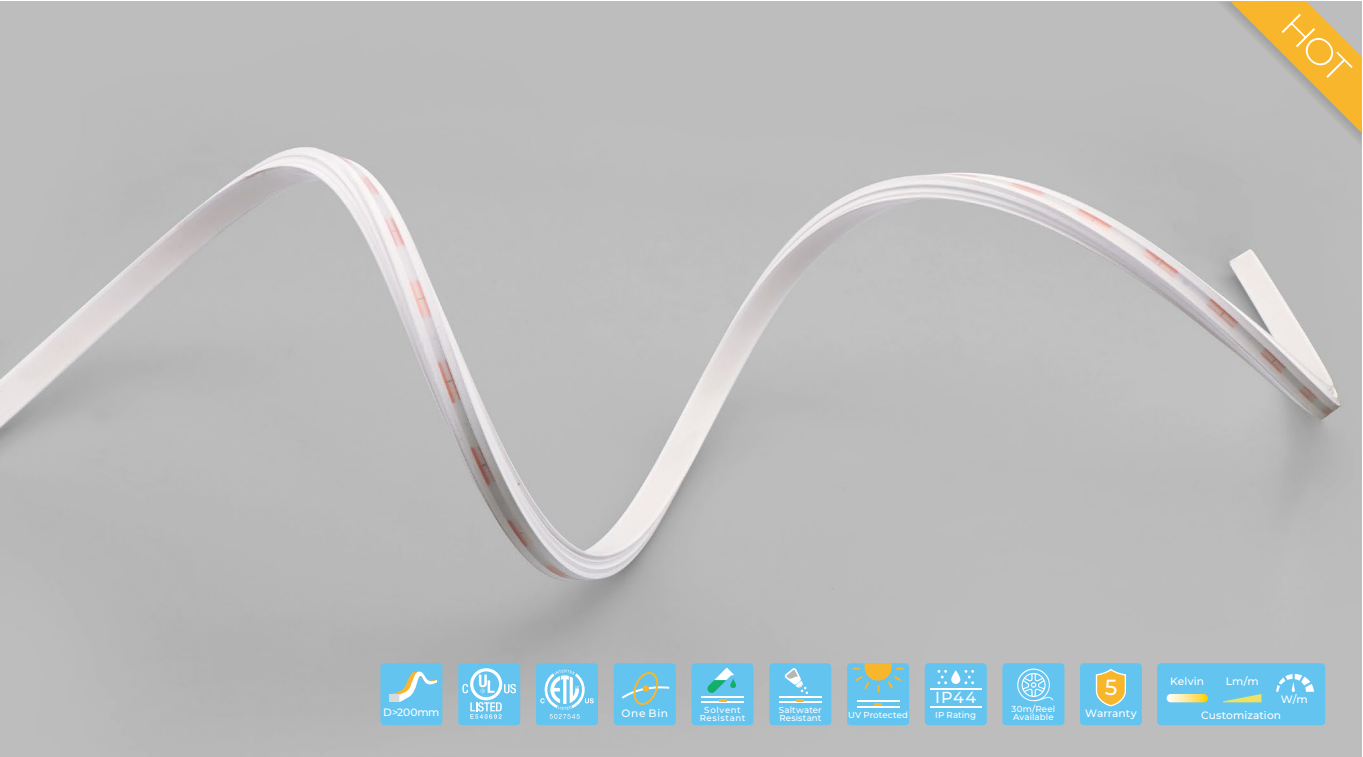


Front Cable Entry

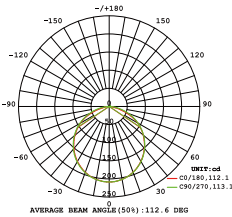


Closed End Cap

RECESSED T1615

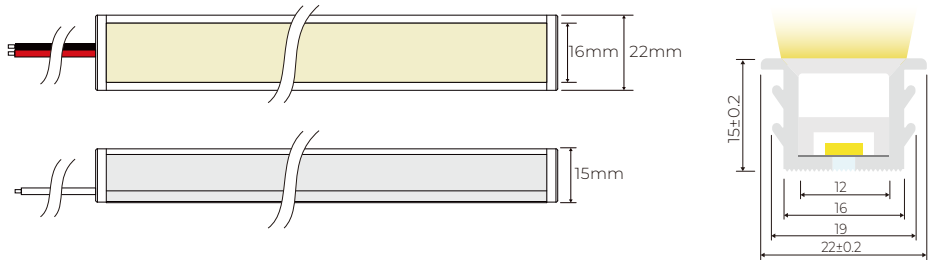


16mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.
Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
Run length > 10m, production length up to 30m.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NR-T1615
Voltage	DC24V
Power(w/m)	5W/10W/15W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



Single Color

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	488	10	48.8
	2600K±150	560	10	56
	3000K±150	607	10	60.7
	4100K±200	663	10	66.3
	6000K±300	630	10	63
--	R	256	10	25.6
	G	666	10	66.6
	B	157	10	15.7
	Yellow	198	10	19.8
	Orange	258	10	25.8
	Pink	576	10	57.6



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	348	5	69.6
	6000K	366	5	73.2
	2700K+6000K	674	10	67.4



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	71	3.3	21.5
	G	284	3.3	86.1
	B	56	3.3	17.0
	RGB	419	10	41.9



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	57	2.5	22.8
	G	226	2.5	90.4
	B	48	2.5	19.2
	W: 3000K	177	2.5	70.8
>90	RGB	326	7.5	43.5
	RGBW	505	10	50.5



DMX512 RGB

Voltage	DC24 V
IC Model	SM17512
Power(w/m)	12
Pixel(PCS)	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	54	4	13.5
	G	200	4	50
	B	36	4	9
	RGB	277	12	23

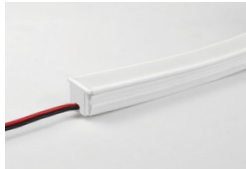
Note:

- CV: Constant Voltage. CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry



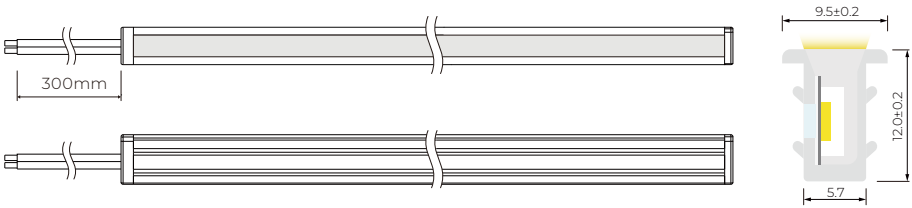
Closed End Cap

RECESSED S0612



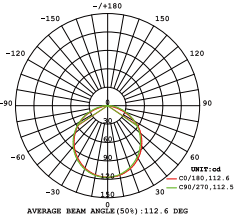
Unique winged design with a 6mm slim luminous surface, ideal for recessed installation in indoor outlines and furniture, no profiles needed. Tri-color silicone extrusion with a clear window for easy cutting. High-density LED strip inside ensures uniform, glare-free light emission. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NR-S0612
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax 45°C)

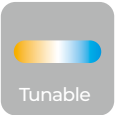


Light Distribution Curve
(24V, 10W, 4000K)



Single Color	
Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	10w
Max. Run Length(CC)	13m
Cutting Length	50mm

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length(CC)	5m
Cutting Length	62.5mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length(CC)	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	277	10	27.7
	3000K±150	282	10	28.2
	4000K±300	303	10	30.3
	6500K±500	312	10	31.2
--	Red	148	10	14.8
	Green	369	10	36.9
	Blue	86	10	8.6
	Yellow	106	10	10.6
	Orange	145	10	14.5
	Pink	270	10	27.0

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	300	10	30.0
	3000K±150	325	10	32.5
	4000K±300	348	10	34.8
	5000K±400	340	10	34.0
	6500K±400	325	10	32.5

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	143	5	28.6
	6000K	157	5	31.4
	2700K+6000K	297	10	29.7

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	28	3.3	8.4
	G	87	3.3	26.4
	B	16	3.3	4.8
	RGB	132	10	13.2



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12.5W
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	16	4.8	3.4
	G	45	4.8	9.3
	B	8	4.8	1.7
	RGB	94	12.5	7.5

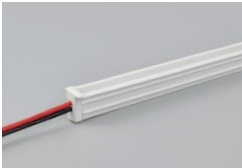
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry

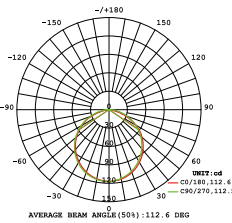


Closed End Cap

RECESSED S0817

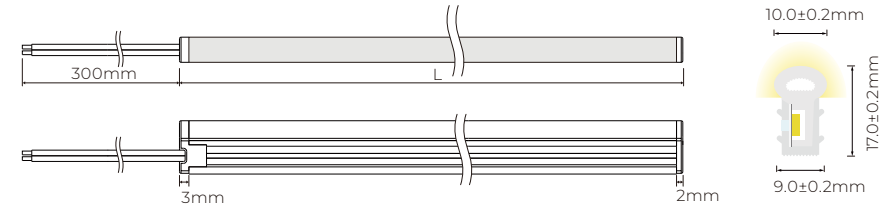


Unique winged design for recessed installation with no profiles needed, combined with an arched structure and curved luminous surface for a wide beam angle. Tri-color silicone extrusion with a clear window for easy cutting, IP44waterproof. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NR-S0817
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax 45°C)



Single Color

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	10W
Max. Run Length(CC)	13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	340	10	34.0
	3000K±150	359	10	35.9
	4000K±300	405	10	40.5
	6500K±500	394	10	39.4
	--			
--	Red	185	10	18.5
	Green	453	10	45.3
	Blue	105	10	10.5
	Yellow	138	10	13.8
	Orange	186	10	18.6
	Pink	347	10	34.7

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	346.2	10	34.6
	3000K±150	363.5	10	36.3
	4000K±300	380.8	10	38.1
	5000K±400	372.1	10	37.2
	6500K±400	363.4	10	36.3

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	175.3	5	35.1
	6000K	197.5	5	39.5
	2700K+6000K	371.4	10	37.1

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	3.3	11.1
	G	113	3.3	34.3
	B	20	3.3	6.2
	RGB	175	10	17.5



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12.5W
Pixel(PCS)	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	40	4.8	8.3
	G	121	4.8	25.1
	B	21	4.8	4.4
	RGB	177	12.5	14.2

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry



Closed End Cap



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	175.3	5	35.1
	6000K	197.5	5	39.5
	2700K+6000K	371.4	10	37.1

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	3.3	11.1
	G	113	3.3	34.3
	B	20	3.3	6.2
	RGB	175	10	17.5



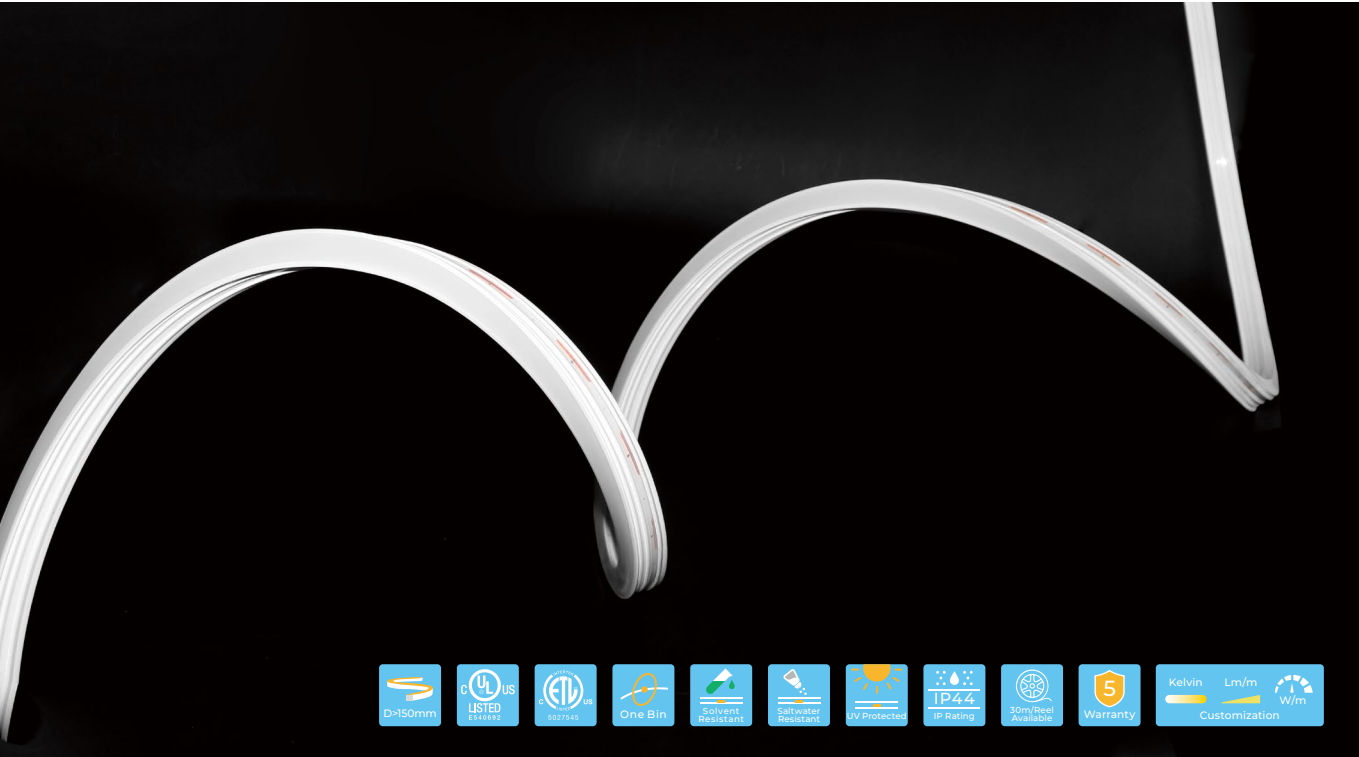
RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	3.3	11.1
	G	113	3.3	34.3
	B	20	3.3	6.2
	RGB	175	10	17.5

RECESSED S1220



12mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.

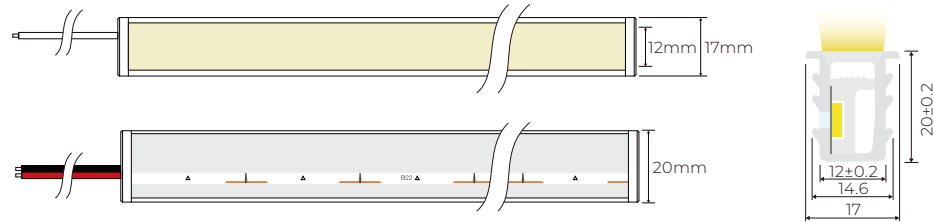
Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.

Dust-resistant matte finish ensures a clean look with uniform, natural light.

Run length > 10m, production length up to 30m.

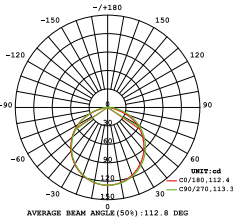
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NR-S1220
Voltage	DC24V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax 45°C)



Light Distribution Curve
(24V, 10W, 4000K)



Single Color

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	10W
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

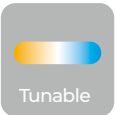
CRI	CCT	lm/m	w/m	lm/w
>90	2400K ⁺¹⁵⁰ ₋₅₀	374	10	37.4
	2700K±100	365	10	36.5
	3000K±150	370	10	37
	4000K±200	407	10	40.7
--	5800K±300	378	10	37.8
	R	169	10	16.9
	G	427	10	42.7
	B	98	10	9.8
	Yellow	126	10	12.6
	Orange	167	10	16.7
	Pink	346	10	34.6

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	300	10	30.0
	3000K±150	325	10	32.5
	4000K±300	351	10	35.1
	5000K±400	330	10	33.0
	6500K±400	310	10	31.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	226	5	45.2
	6000K	241	5	48.2
	2700K+6000K	462	10	46.2



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10W
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	45	3.3	13.6
	G	173	3.3	52.4
	B	34	3.3	10.3
	RGB	254	10	25.4



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R	34	2.5	13.6
	 G	132	2.5	52.8
	 B	29	2.5	11.6
>90	 W: 3000K	107	2.5	42.8
	 RGB	195	7.5	26
	 RGBW	302	10	30.2



DMX512 RGB

Voltage	DC24 V
IC Model	SM17512
Power(w/m)	12
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R	36	12	9
	 G	128	12	32
	 B	23	12	6
	 RGB	178	12	15

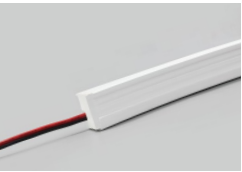
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry



Closed End Cap



AC230V NEON

Unique high-voltage design for direct mains connection, no LED driver needed, enabling longer connections and easier installation.

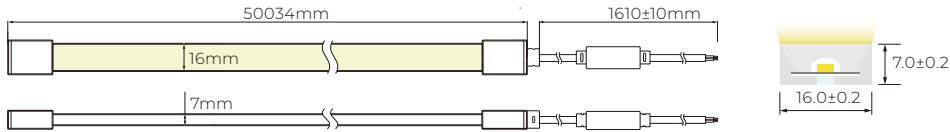


AC230V T1607



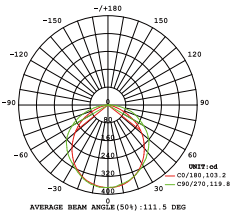
High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
Run length up to 50m, production length up to 50m.
Dust-resistant matte finish ensures a clean look.
3 years warranty, lifespan ≥ 30,000 hours, 1 BIN

Dimensions



Basic Parameters

Model No.	NA-T1607
Voltage	AC230V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (45°C)



Light Distribution Curve
(230V, 10W, 4000K)



Single Color

Voltage	AC230
Circuit Design	AC
Power(w/m)	12W
Max. Run Length(CC)	50m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	575	12	47.9
	2400K±150	726	12	60.5
	2700K±150	810	12	67.5
	3000K±150	791	12	65.9
	3500K±200	840	12	70.0
	4000K±300	913	12	76.0
	5000K±400	863	12	71.9
	6500K±400	869	12	72.4

Note:
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.



Cable Lead Option

Solder Free End Cap Without Screws (IP65)



Front Cable Entry



Closed End Cap

Silicone End Cap(IP65)



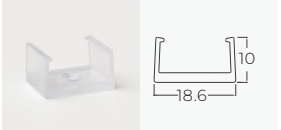
Front Cable Entry



Closed End Cap



Accessories

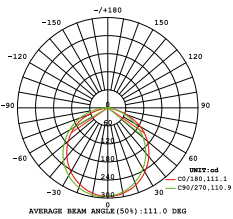


PC Mounting clips
Length: 14mm

AC230V T1615

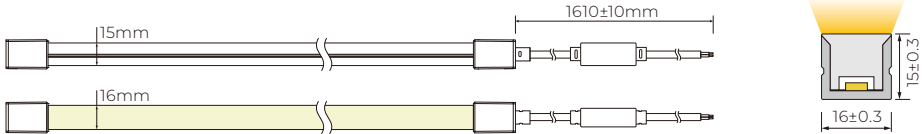


High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
Run length up to 30m, production length up to 30m.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
3 years warranty, lifespan ≥ 30,000 hours, 1 BIN



Light Distribution Curve
(230V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NA-T1615
Voltage	AC230V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (45°C)



Single Color

Voltage	AC230
Circuit Design	AC
Power(w/m)	12W
Max. Run Length(CC)	30m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	476	12	39.7
	2400K±150	599	12	49.9
	2700K±150	644	12	53.7
	3000K±150	665	12	55.4
	3500K±200	693	12	57.8
	4000K±300	684	12	57.0
	5000K±400	689	12	57.4
	6500K±400	689	12	57.4

Note:
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.



Cable Lead Option

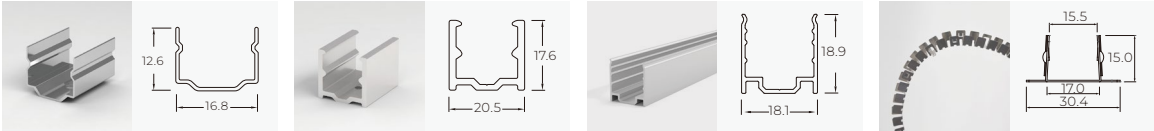
Solder Free End Cap Without Screws (IP67)



Front Cable Entry Closed End Cap

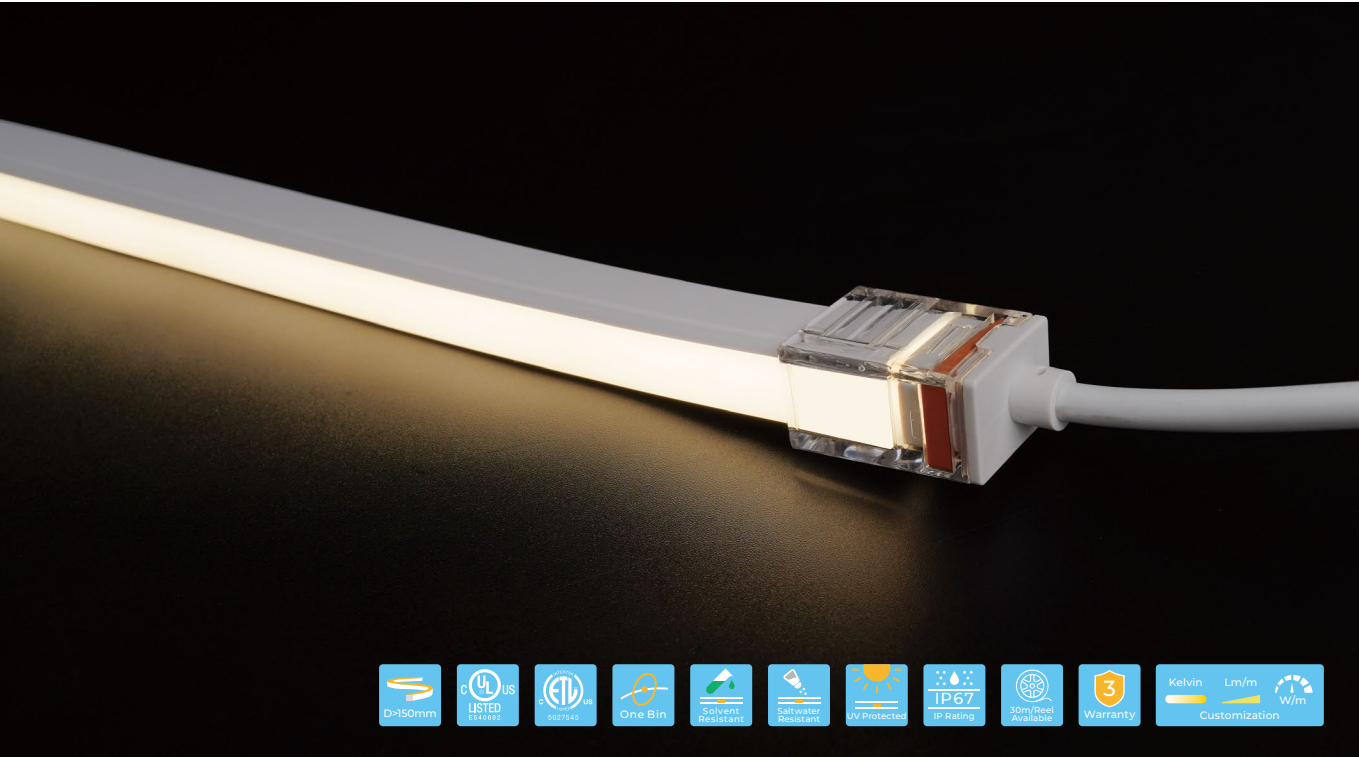


Accessories



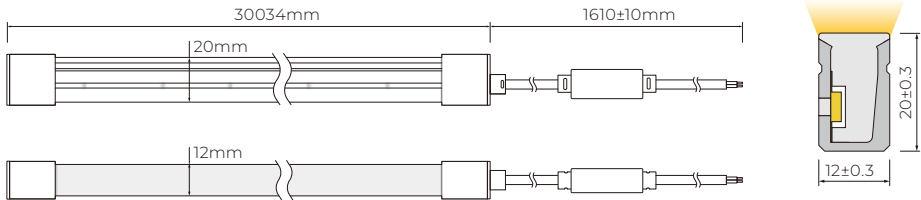
Stainless Steel Mounting clips Aluminium Mounting clips Aluminium Profile Curved Stainless Steel mounting profile
Length: 2cm Length: 2cm Length: 1m/2m/3m Length: 0.5m

AC230V S1220



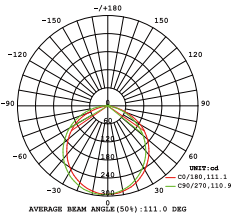
High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
Run length up to 30m, production length up to 30m. Dust-resistant matte finish ensures a clean look with uniform, natural light.
3 years warranty, lifespan ≥ 30,000 hours, 1 BIN

Dimensions



Basic Parameters

Model No.	NA-S1220
Voltage	AC230V
Power(w/m)	12W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (45°C)



Light Distribution Curve
(230V, 10W, 4000K)



Single Color

Voltage	AC230
Circuit Design	AC
Power(w/m)	12W
Max. Run Length(CC)	30m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	349	12	29.1
	2400K±150	427	12	35.6
	2700K±150	487	12	40.6
	3000K±150	503	12	41.9
	3500K±200	521	12	43.4
	4000K±300	519	12	43.3
	5000K±400	529	12	44.1
	6500K±400	516	12	43.0

Note:
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.



Cable Lead Option

Solder Free End Cap Without Screws (IP67)



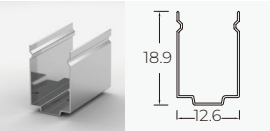
Front Cable Entry



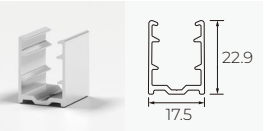
Closed End Cap



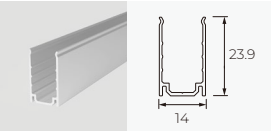
Accessories



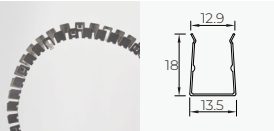
Stainless Steel Mounting clips
Length: 2cm



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless Steel mounting profile
Length: 0.5m

AC12V-24V NEON

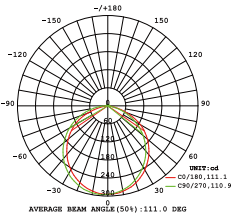
Designed for seamless integration with existing 12V AC systems, ensuring effortless installation, ideal for retrofit lighting applications.



AC12-24V T1615

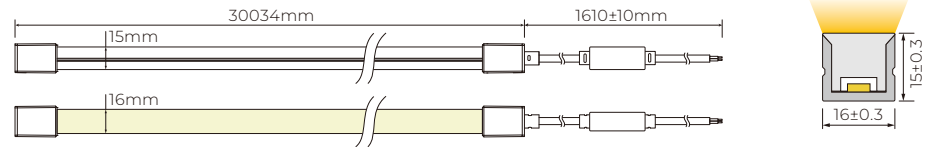


Seamlessly integrates with 12V AC systems for easy installation, perfect for retrofit lighting. Made from Dow SILASTIC™ silicone with high transmission and an integrated extrusion process, featuring IP67 protection. Resists hydrochloric acid, corrosion, flames, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 3 years warranty, lifespan ≥30,000 hours, 1 BIN



Light Distribution Curve
(12V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NA-T1615
Voltage	AC12V
Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (45°C)



Single Color

Voltage	AC12
Circuit Design	AC
Power(w/m)	10W
Max. Run Length(CC)	30m
Cutting Length	35.71mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	504	10	50.4
	3000K±150	525	10	52.5
	4000K±300	542	10	54.2
	5000K±400	524	10	52.4
	6500K±400	524	10	52.4

Note:

- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.



Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

Solder Free End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

Solder Free End Cap Without Screws (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap

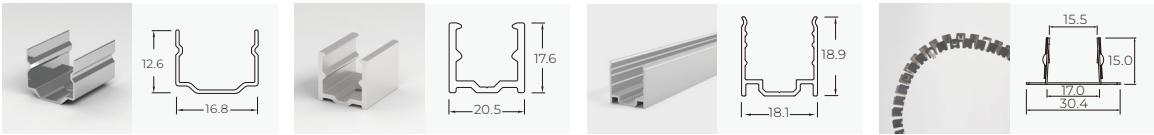
Silicone End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed End Cap



Accessories



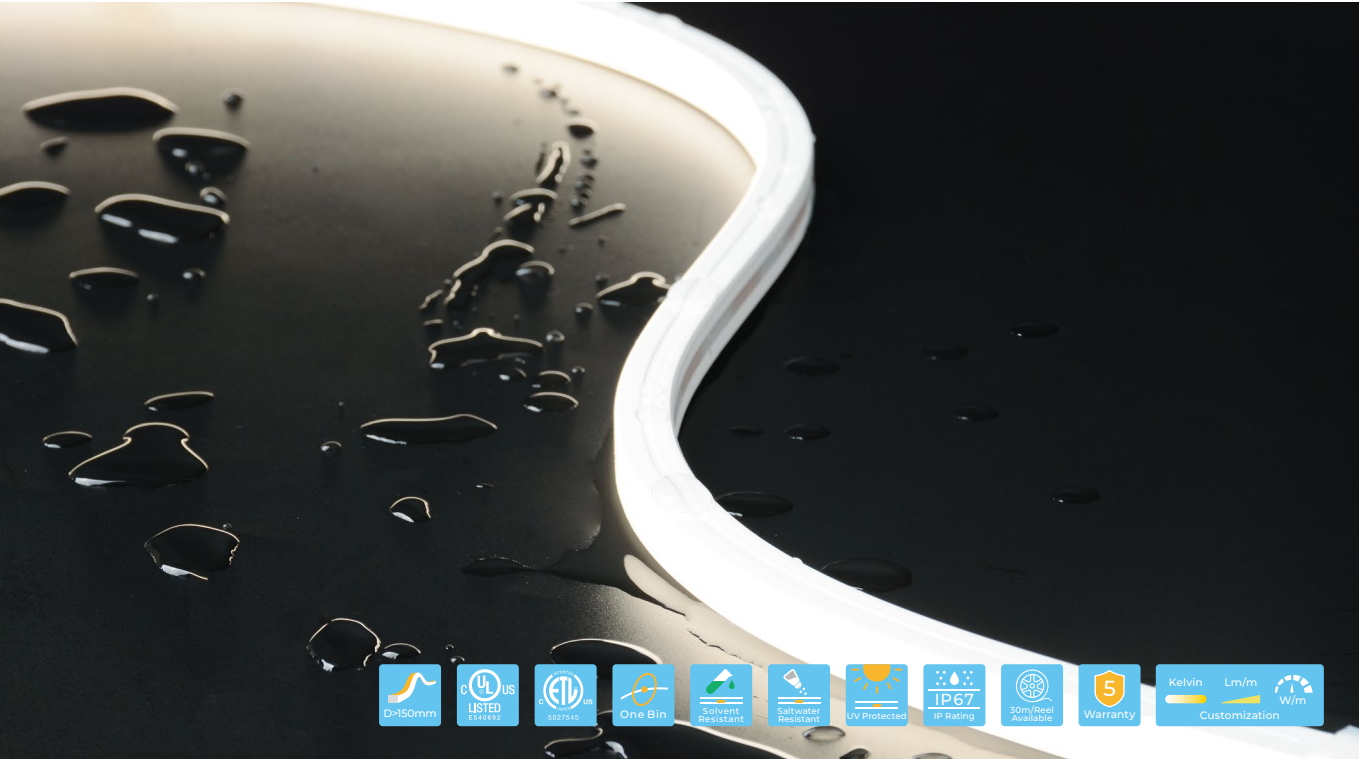
Stainless Steel Mounting clips Length: 2cm Aluminium Mounting clips Length: 2cm Aluminium Profile Length: 1m/2m/3m Curved Stainless Steel mounting profile Length: 0.5m

ECO NEON

Features Mini Cutting LED strip with an 8.3mm cutting unit, allowing precise customization for any installation length without dark areas. RTR (Reel to Reel) technology reduces solder joints, enhancing reliability and cost-efficiency.



ECO T1010



10mm wide luminous surface, slim and delicate.

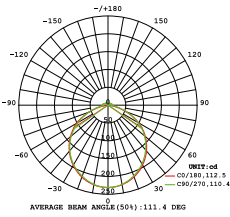
Tri-color silicone extrusion with a clear window for easy cutting.

Dust-resistant matte finish ensures a clean, uniform, and natural light.

Features Mini Cutting LED strip with an 8.3mm cutting unit, allowing precise customization length.

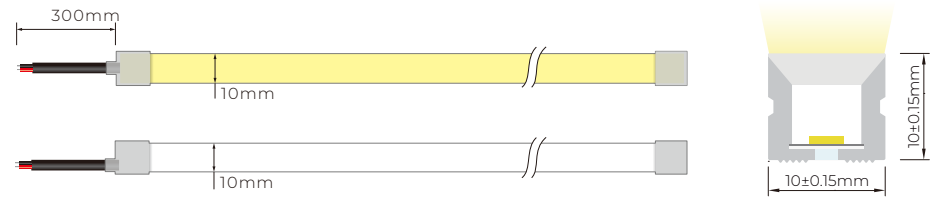
RTR technology reduces solder joints, improving reliability and cost-efficiency.

5-year warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NE-T1010	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C~60°C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	7.14mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	720	10	72
	3000K	730	10	73
	3500K	740	10	74
	4000K	750	10	75

- Note:
- CV: ConstVoltant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



End Cap & Cable Lead Option

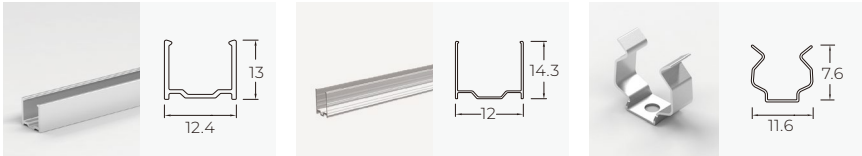
Silicone End Cap (IP67)



Front Cable Entry Side Cable Entry Bottom Cable Entry Closed end cap



Accessories

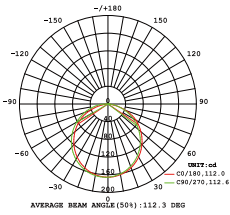


Aluminium Profile Length: 1m/2m/3m PC Profile Length: 1m/2m/3m Stainless Steel Mounting clips Length: 0.8cm

ECO 3DI615

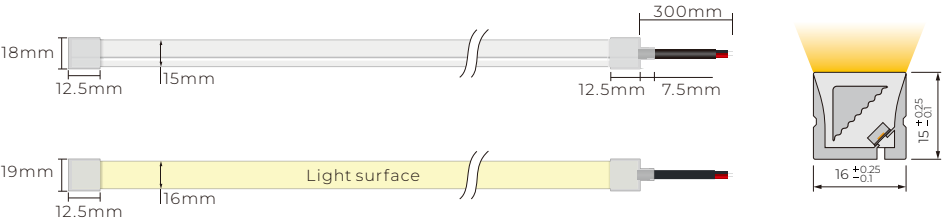


15mm wide luminous surface, popular and robust. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean, uniform, natural light. Features Mini Cutting LED strip with 8.3mm units for precise length customization. RTR technology reduces solder joints, enhancing reliability and cost-efficiency. 5-year warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NE-3DI615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	620	10	62
	3000K	630	10	63
	3500K	640	10	64
	4000K	650	10	65

Note:
· CV: ConstVoltant Voltage CC: Constant Current.
· Max. Run length refers to single side feed in serial connection.
· The given color temperature is the temperature of finished products.
· The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
· The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

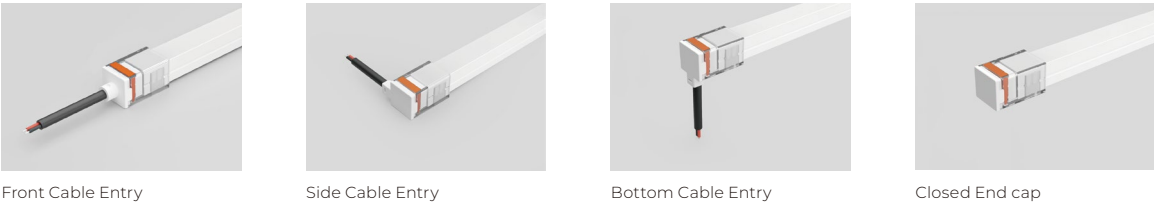
Integral End Cap (IP67)



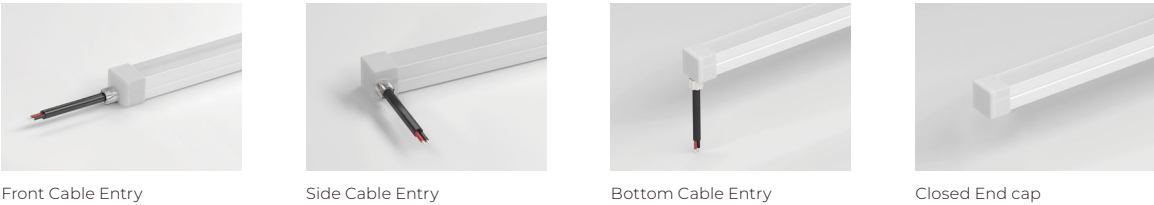
Solder Free End Cap (IP67)



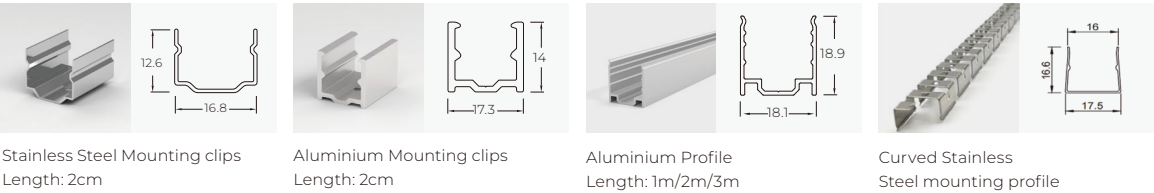
Solder Free End Cap Without Screws (IP67)



Silicone End Cap (IP67)



Accessories



ECO S0612



6mm wide luminous surface, slim and delicate.

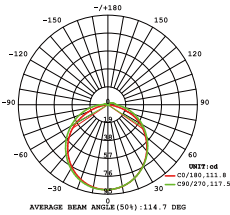
Tri-color silicone extrusion with a clear window for easy cutting.

Dust-resistant matte finish ensures a clean, uniform, and natural light.

Features Mini Cutting LED strip with an 8.3mm cutting unit, allowing precise customization length.

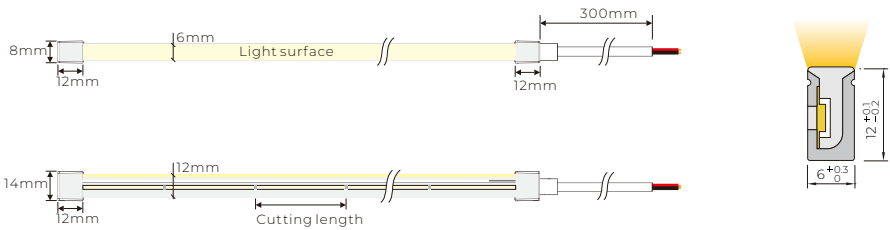
RTR technology reduces solder joints, improving reliability and cost-efficiency.

5-year warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NE-S0612
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)



Single color

Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	270	10	27
	3000K	280	10	28
	3500K	290	10	29
	4000K	300	10	30

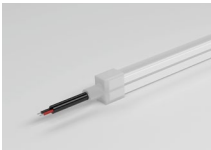
- Note:
- CV: ConstVoltant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead

End Cap & Cable Lead Option

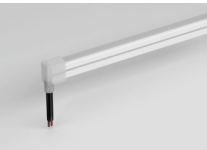
Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry

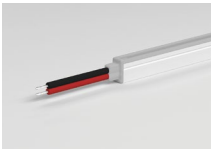


Bottom Cable Entry



Closed End cap

Integral End Cap (IP44)



Front Cable Entry

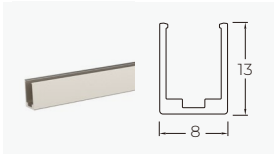


Closed End cap

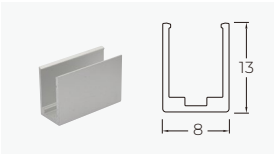


Accessory

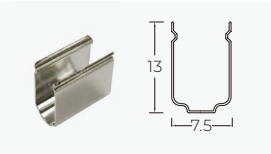
Accessories



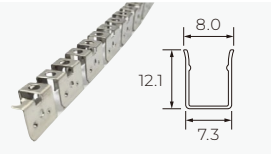
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm

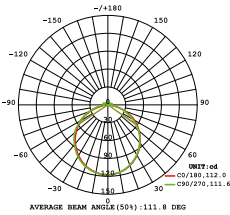


Curved Stainless Steel
mounting profile

ECO S1220

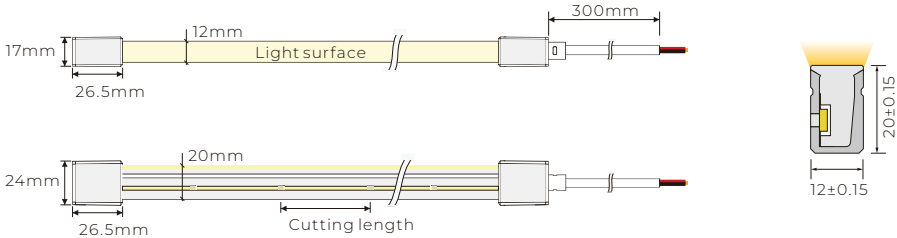


12mm wide luminous surface, popular and robust. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean, uniform, natural light. Features Mini Cutting LED strip with 8.3mm units for precise length customization. RTR technology reduces solder joints, enhancing reliability and cost-efficiency. 5-year warranty, lifespan ≥ 50,000 hours, 1 Bin.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NE-S1220
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	420	10	42
	3000K	430	10	43
	3500K	440	10	44
	4000K	450	10	45

- Note:
- CV: ConstVoltant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Cable Lead Option

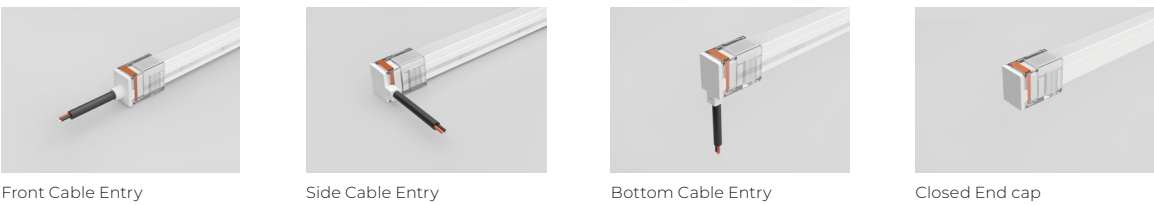
Integral End Cap(IP67)



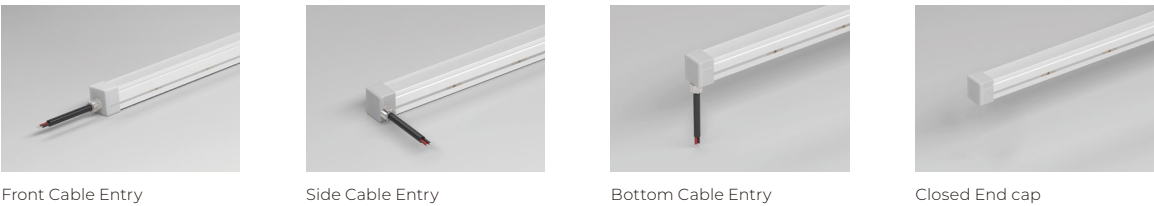
Solder Free End Cap(IP67)



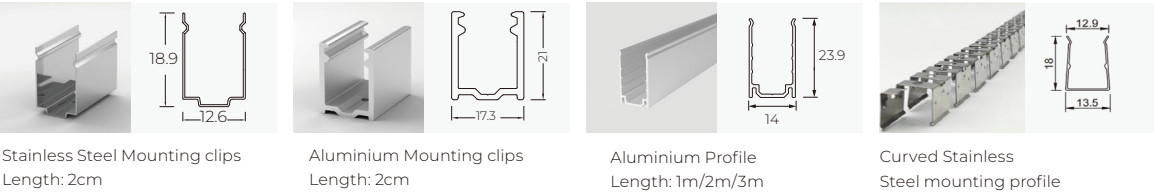
Solder Free End Cap Without Screws (IP67)



Silicone End Cap(IP67)



Accessories

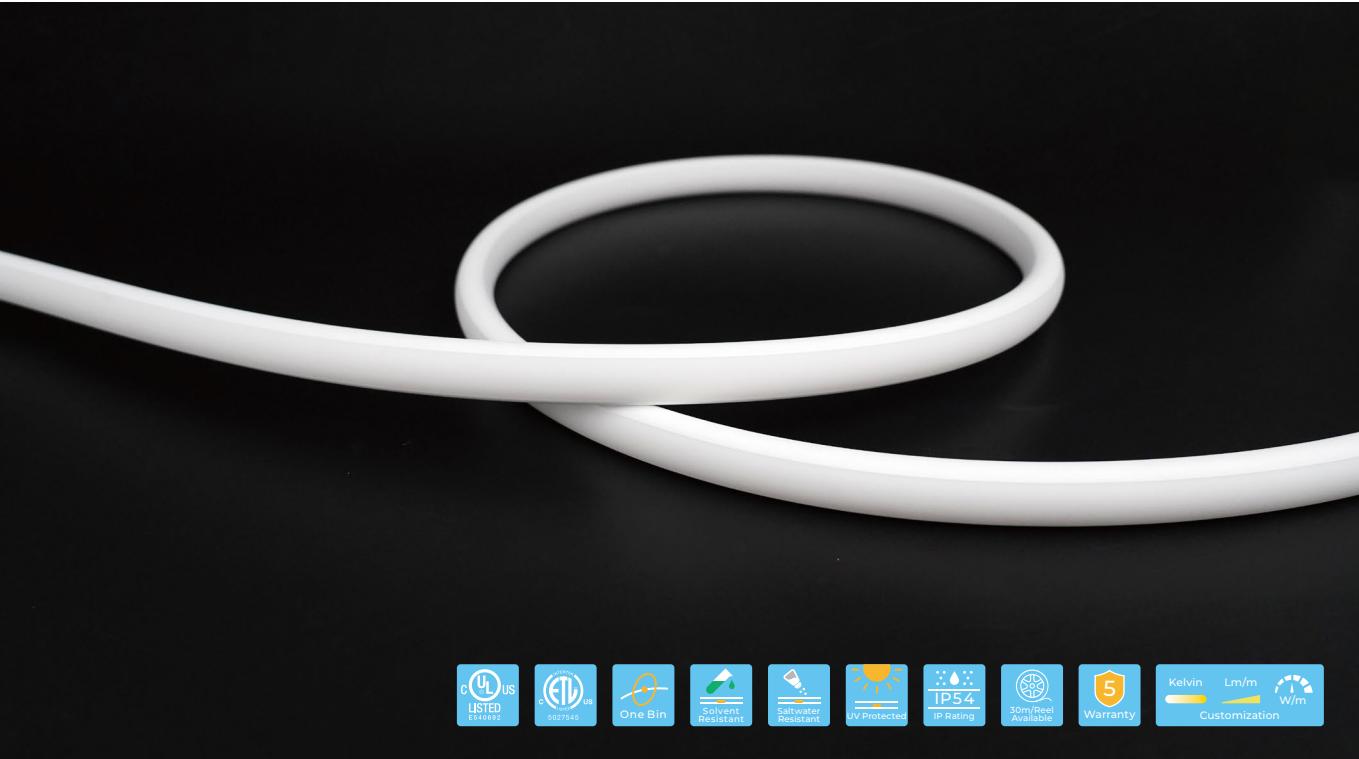


SKYLINE NEON

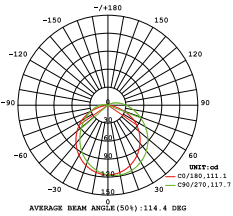
SKYLINE is a creative 3D lighting solution with flexible installation options. It can be configured as black neon or double-sided LED neon, enhancing the space's charm and creating a cool, attractive atmosphere.



SKYNEON DUAL 1815

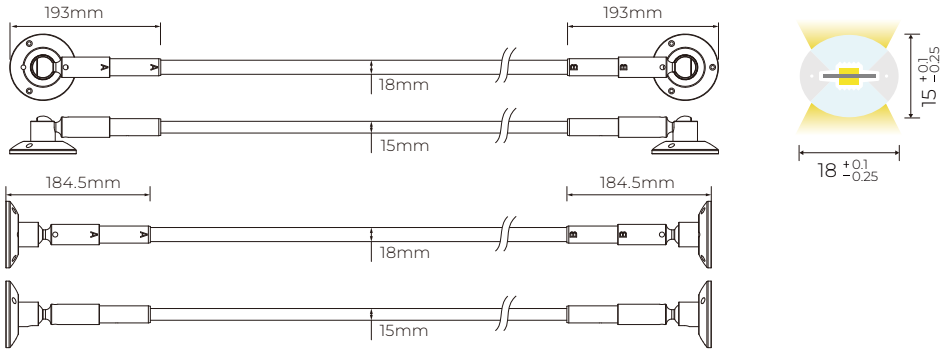


Unique design with double-sided light emitting for creative 3D space lighting, perfect for adding a cool, stylish touch to any environment. Available in both black and white finishes to suit various design needs. Flexible installation with an anti-gravity design, featuring internal steel wire to stay straight in the air. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NK-D1815
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	-25°C~55°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax 45°C)

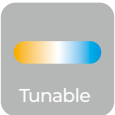


Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	346	10	34.6
	2400K±150	420	10	42.0
	2700K±150	460	10	46.0
	3000K±150	466	10	46.6
	3500K±200	464	10	46.4
	4000K±300	495	10	49.5
	5000K±400	492	10	49.2
--	5700K±400	460	10	46.0
	Red	190	10	19.0
	Green	560	10	56.0
	Blue	102	10	10.2
	Yellow	128	10	12.8
	Orange	138	10	13.8
	Pink	438	10	43.8



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	205	5	41.0
	6000K	189	5	37.7
	2700K+6000K	392	10	39.2



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5mm
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	34	3.3	10.3
	G	119	3.3	36.2
	B	18	3.3	5.6
	RGB	186	10	18.6



Digital SPI

Voltage	DC12 V
IC Model	UCS1903
Power(w/m)	13
Pixels/m	100
Cutting Length	10mm

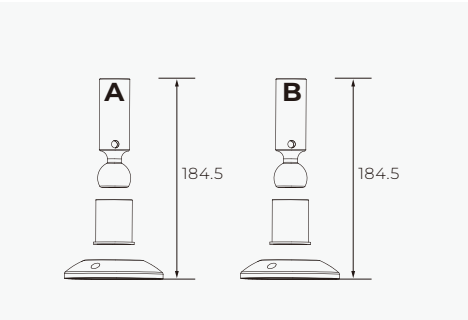
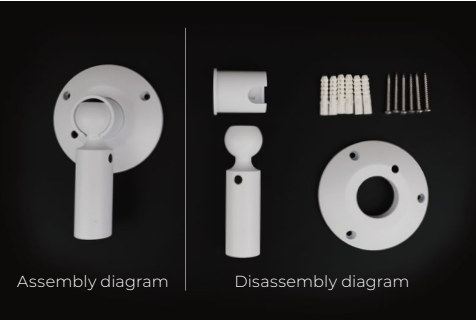
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	42	4.5	1.6
	G	109	4.5	4.2
	B	23	4.5	0.9
	RGB	166	11.5	6.4

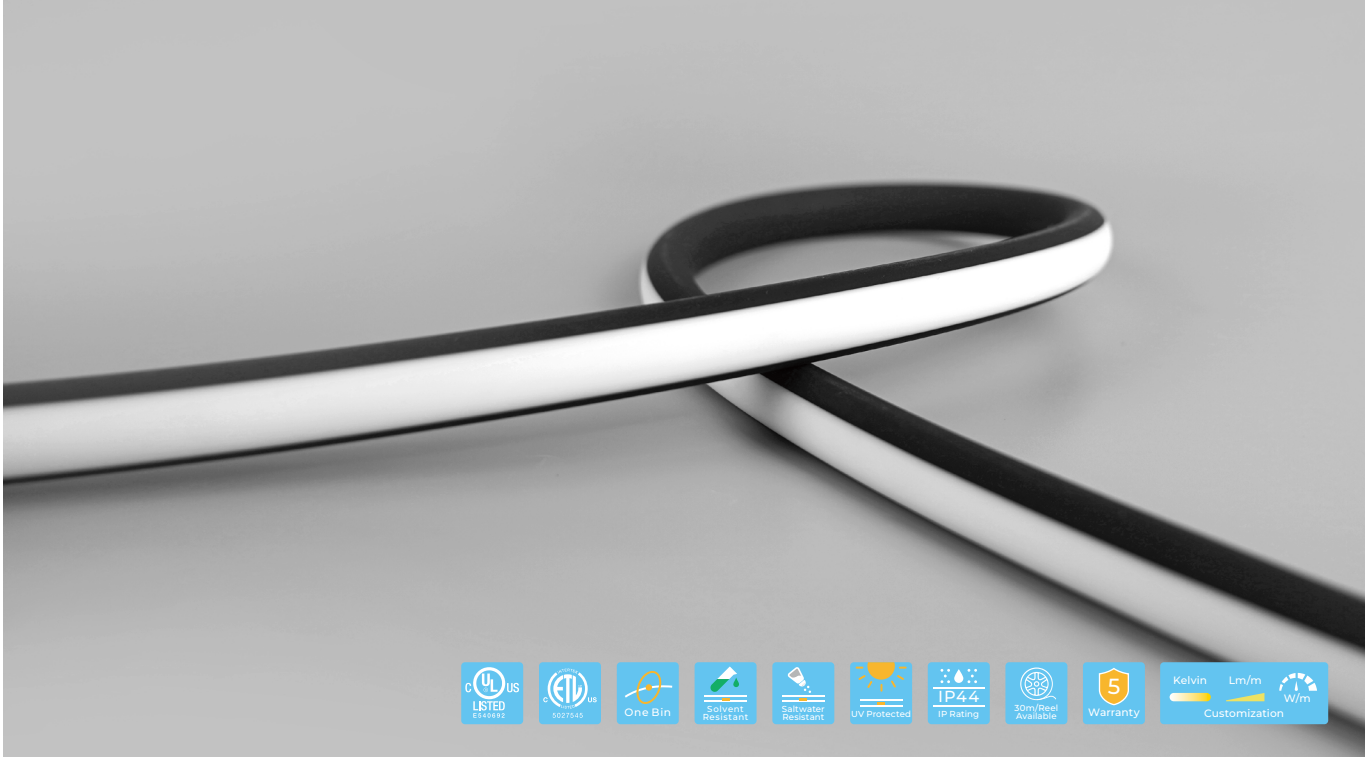
- Note:**
- CV: ConstVoltant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



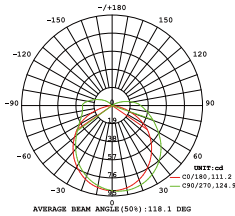
Accessories



SKYNEON BLACK 1815

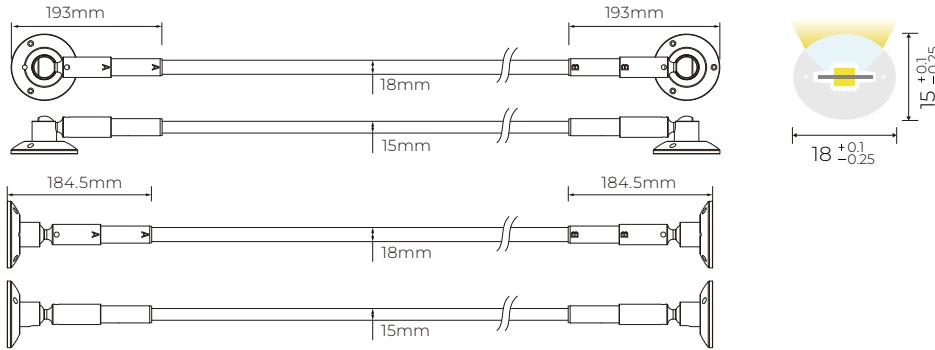


Unique black design for creative 3D space lighting, perfect for adding a cool, stylish touch to any environment. Flexible installation with an anti-gravity design, featuring internal steel wire to stay straight in the air. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5-year warranty, lifespan ≥ 50,000 hours, 1 BIN.



Light Distribution Curve
(24V, 10W, 4000K)

Dimensions



Basic Parameters

Model No.	NK-1815B
Voltage	DC24V
Power(w/m)	5W/10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax 45°C)



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5W/10W
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 1800K±100	78	10	7.8
	 2400K±150	98	10	9.8
	 2700K±150	98	10	9.8
	 3000K±150	96	10	9.6
	 3500K±200	107	10	10.7
	 4000K±300	105	10	10.5
	 5000K±400	103	10	10.3
	 6000K±400	105	10	10.5
--	 Red	39	10	3.9
	 Green	95	10	9.5
	 Blue	19	10	1.9
	 Yellow	26	10	2.6
	 Orange	32	10	3.2
	 Pink	89	10	8.9



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	 2700K	51	5	10.2
	 6000K	53	5	10.6
	 2700K+6000K	104	10	10.4



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5mm
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R	9	3.3	2.7
	 G	30	3.3	9.0
	 B	4	3.3	1.2
	 RGB	42	10	4.2



Digital SPI

Voltage	DC24 V
IC Model	UCS1903
Power(w/m)	13
Pixels/m	100
Cutting Length	10mm

Parameters

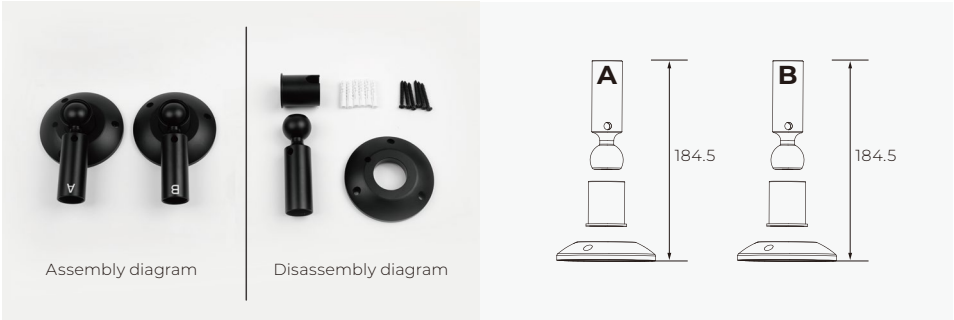
CRI	CCT	lm/m	w/m	lm/w
--	 R	7	13	0.5
	 G	20	13	1.5
	 B	4	13	0.3
	 RGB	30	13	2.3

Note:

- CV: ConstVoltant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.



Accessories



NEON SAMPLE KIT

The LED Neon Sample Kit is a portable collection of popular neon models, powered by 5VDC via Type-C or DC adapter, making it easy to carry and showcase to clients anytime, anywhere.

