



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

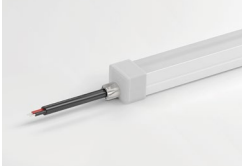
Note:

- 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.

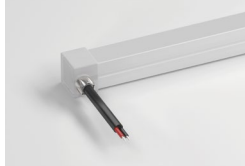


End Cap & Cable Lead Option

Silicone End Cap (IP67)



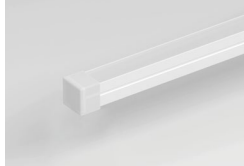
Front Cable Entry



Side Cable Entry

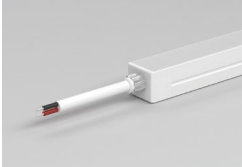


Bottom Cable Entry



Closed End cap

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



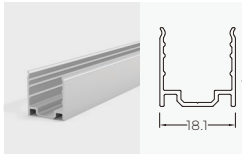
Bottom Cable Entry



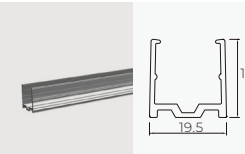
Closed End cap



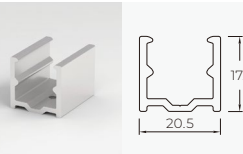
Accessories



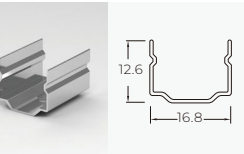
Aluminium Profile
Length: 1m/2m/3m



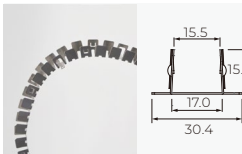
PC Profile
Length: 1m/2m/3m



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)

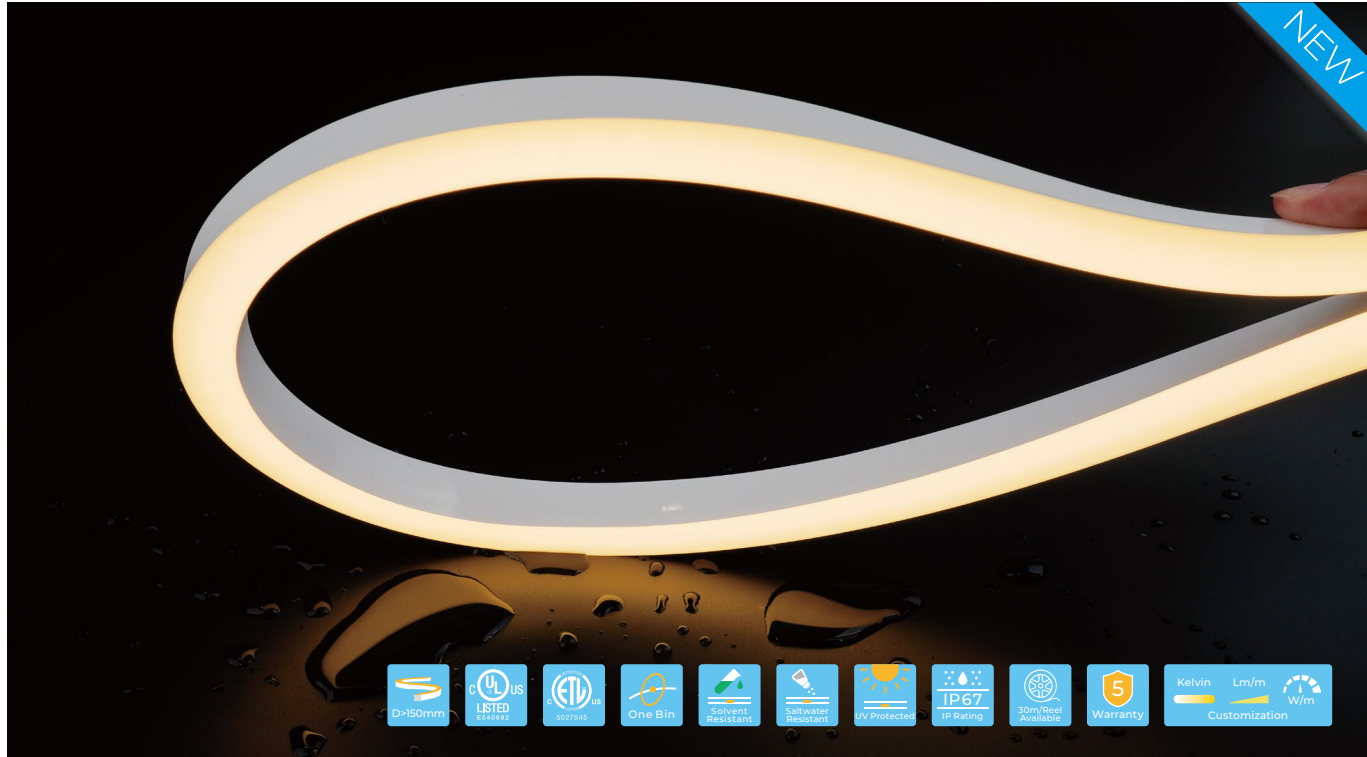


4PIN connector
(RGB color)

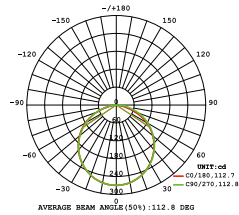


5PIN connector
(RGB+White color)

SIDE BEND 1617

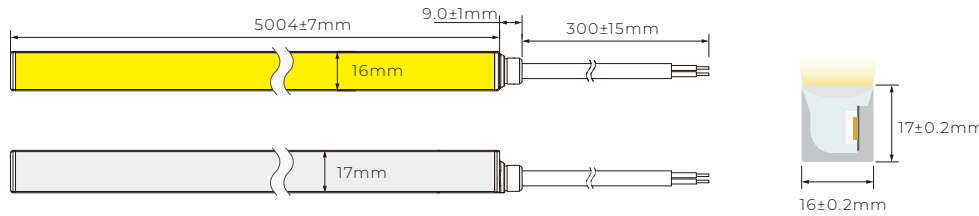


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures 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-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

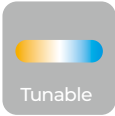


Single Color

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)



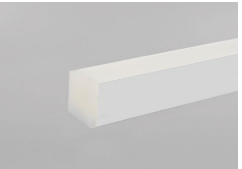
Front Cable Entry



Side Cable Entry

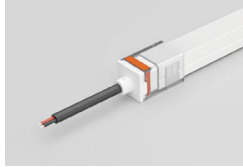


Bottom Cable Entry



Closed End cap

Solder Free End Cap Without Screws (IP67)



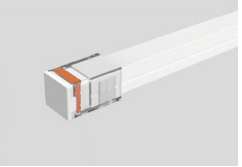
Front Cable Entry



Side Cable Entry



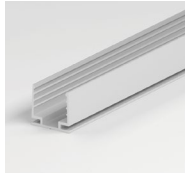
Bottom Cable Entry



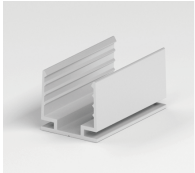
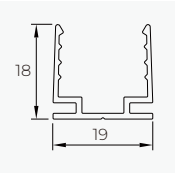
Closed End cap



Accessories



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



Aluminium Mounting clips
Length: 2cm