



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

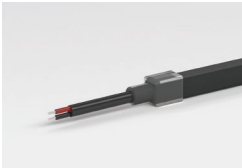
Note:

- 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)



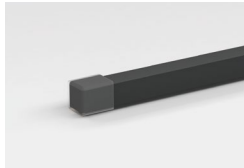
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



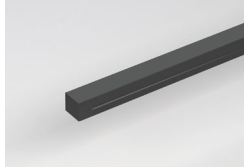
Front Cable Entry



Side Cable Entry



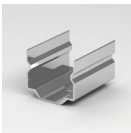
Bottom Cable Entry



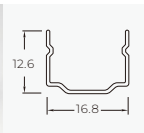
Closed End Cap



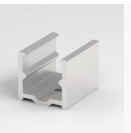
Accessories



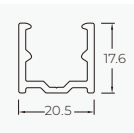
Stainless Steel Mounting clips
Length: 2cm



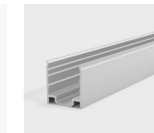
Aluminium Mounting clips
Length: 2cm



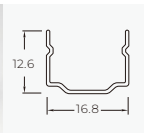
Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m



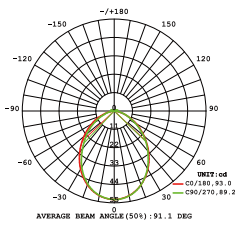
Curved Stainless
Steel mounting profile



BLACK S1220

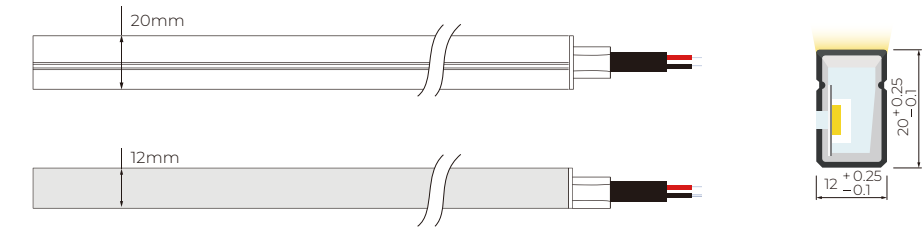


Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination. Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years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

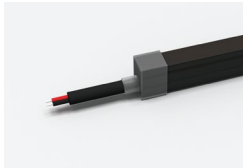
Note:

- 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



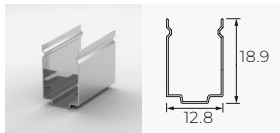
Bottom Cable Entry



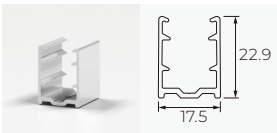
Closed End Cap



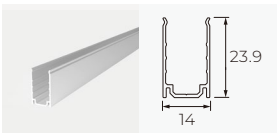
Accessories



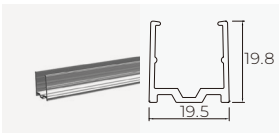
Stainless Steel Mounting clips
Length: 0.8cm



Aluminium Mounting clips
Length: 2cm



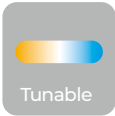
Aluminium Profile
Length: 1m/2m/3m



PC Profile
Length: 1m



Use with the profile



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