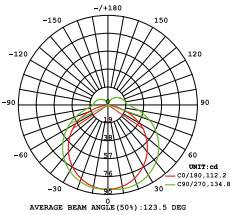


SIDE BEND 1018

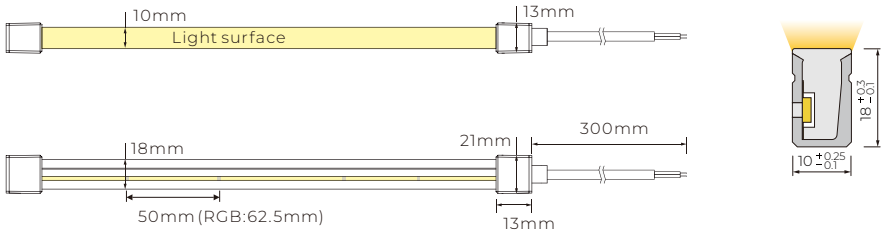


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look 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



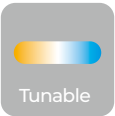
Basic Parameters

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