

## SIDE BEND 2020



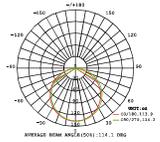
20mm flat luminous surface. Ideal for indoor and outdoor architectural lighting.  
Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process. Featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV 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.

### 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



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)	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 <sup>+400</sup> <sub>-200</sub>	470	10	47
	5000K <sup>+500</sup> <sub>-300</sub>	470	10	47
--	6500K <sup>+200</sup> <sub>-600</sub>	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



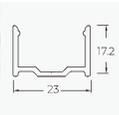
Closed End cap



### Accessories



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



Aluminium Mounting clips  
Length: 2cm

#### 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)