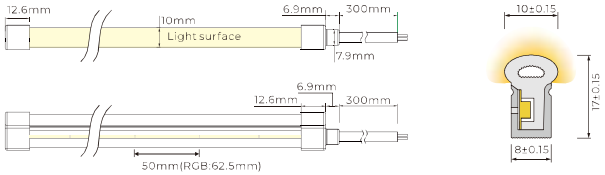
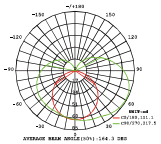
# SIDE BEND 0817

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



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

## 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 |

Single color

## 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 |

Tunable

## 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

## 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.



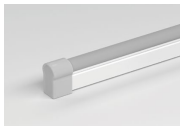
Cable Lead

## End Cap & Cable Lead Option

### Silicone end cap (IP67)

Front Cable Entry

Side Cable Entry


Closed End Cap

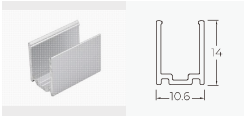
### Solder Free End Cap Without Screws (IP67)

Front Cable Entry

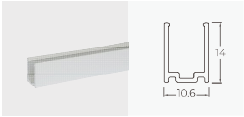
Closed End Cap

Accessory

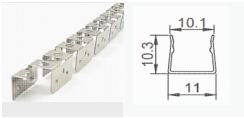
## Accessories



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)