

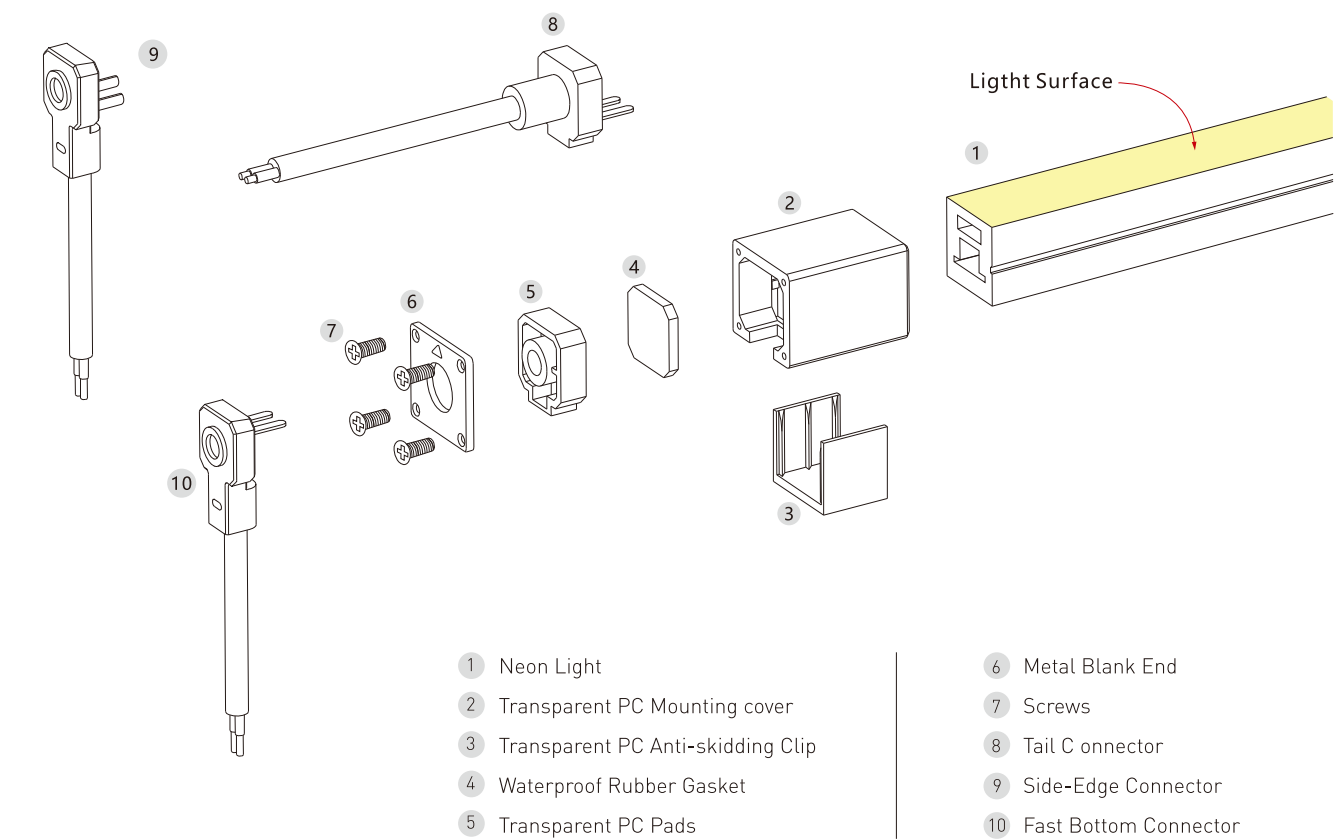
# SILICONE LED NEON LIGHT

Silicone Neon Strip adopts the high light transmittance and environmental protection grade silicone gel material, with integrated extrusion molding process. And its protection grade can reach up to IP67/IP68. With excellent heat resistance, cold resistance, aging resistance, yellowing resistance, UV resistance, saltwater resistance, the outstanding feature of the material is a wide temperature range[-50 to 200 degrees].

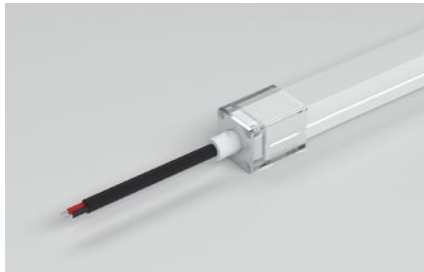
# Various Connections

Provide multiple insalltion accessories for top bend and side bend, meet various applying demands.

## Accessories diagram for Solder Free End Cap



## Solder Free End Cap



Front Cable Entry



Side Cable Entry

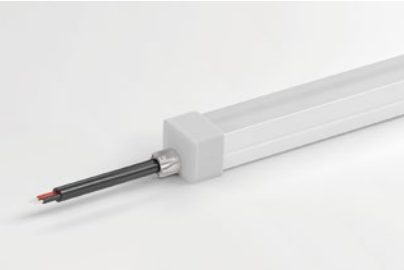


Bottom Cable Entry

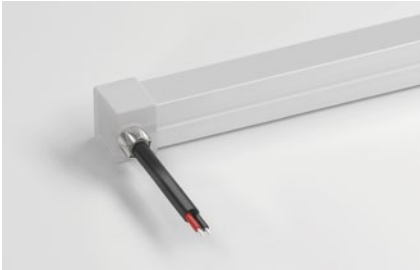
## Integral end cap



## Silicone end cap



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.



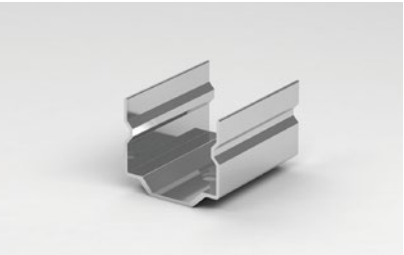
Side Cable Entry:  
The cable could be perfectly hidden to achieve seamlesslight connection.



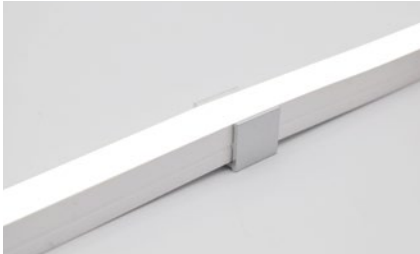
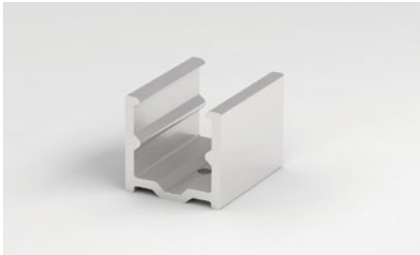
Bottom Cable Entry:  
The cable could be perfectly hidden to achieve seamlesslight connection.

## Mounting method

Stainless Steel Mounting clip



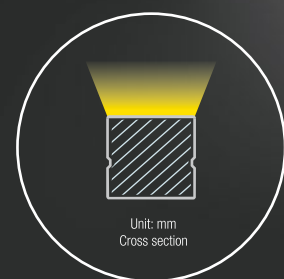
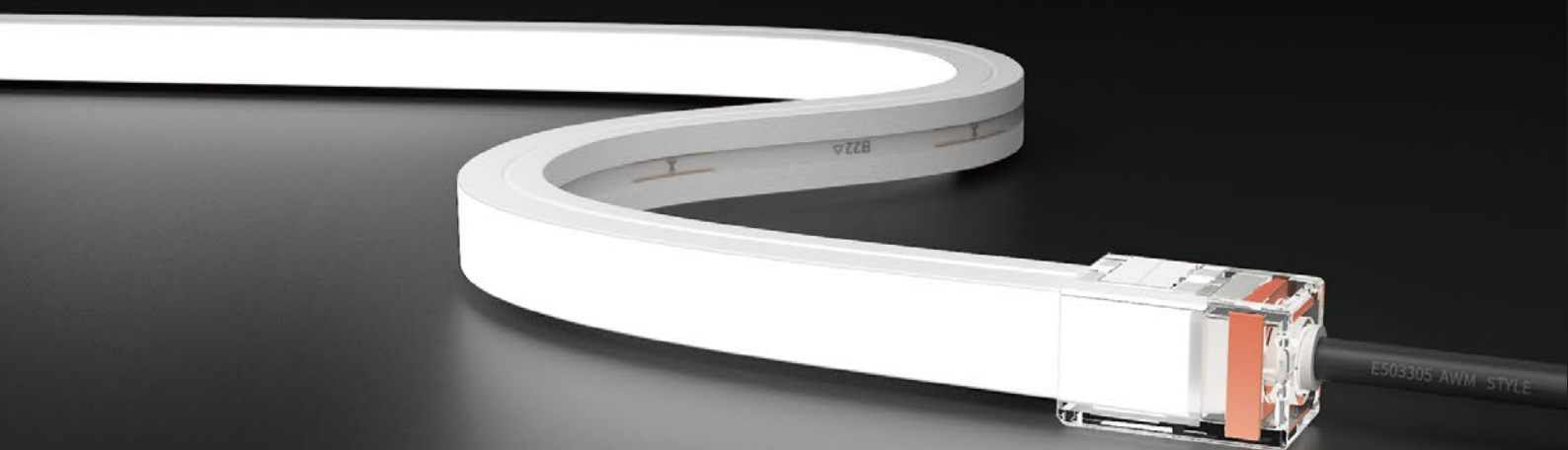
Aluminum Mounting clip



Aluminium Profile



# Solder Free End Cap **NEW**



F1615 Top Bend

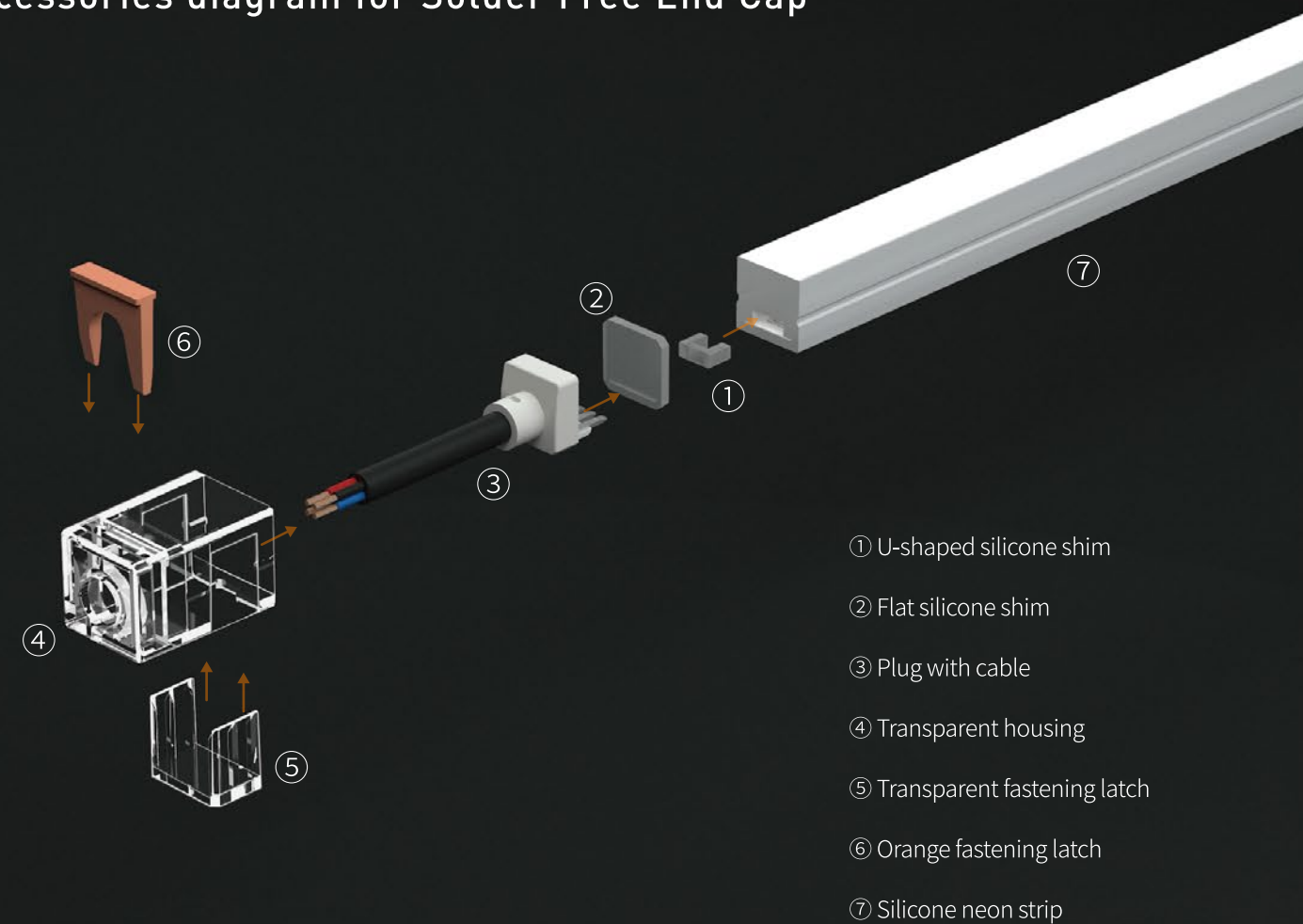


S1220 Side Bend



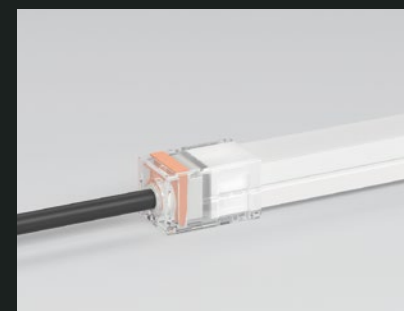
S0817 180° emitting

## Accessories diagram for Solder Free End Cap

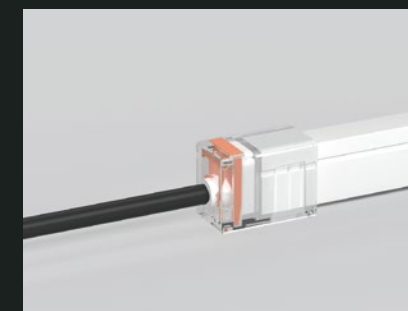


## Solder Free End Cap

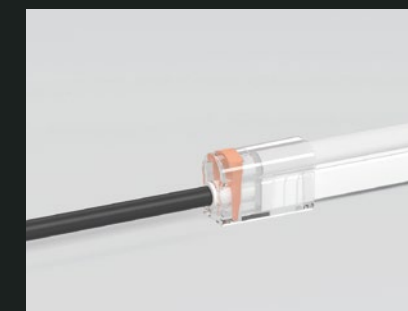
### Front Cable Entry



F1615 Top Bend



S1220 Side Bend



S0817 180° emitting

## IP67, Three Sided Luminous (Top Bend) Model No.: F1010

- IP67 protection level, Three Sided luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



## IP67, Top Bend Series F1615 | F0606 | F1010 | F1212

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV
- Systematized solution of installation.



# 1615 Silicone LED Neon Light, Top Bend

1). 1615 Flex LED Neon Light, DC24V, Cross section size 16mm\*15mm (W\*H), Vertical Bending, Min bending diameter: 300mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.

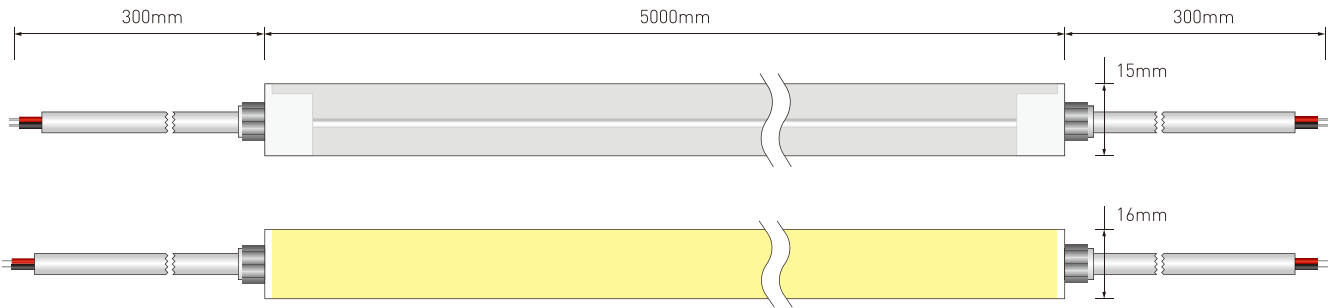
2). Unique end cap design, quickly and easily installed to meet different lengths requirement, without welding wires and without waterproof processing.

3). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

4). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

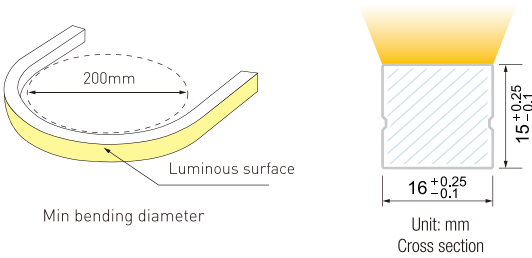


## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 5w/10w/15w                                                |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> [Table below] |

| LEDNEON 1615                           | Low Output | Std Output | High Output |
|----------------------------------------|------------|------------|-------------|
| Power(W/m)                             | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |



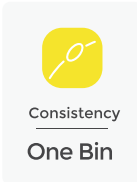
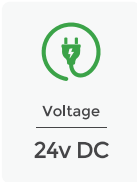
### Note:

-When ambient temperature reaches 55 C, the power is suggested to be 5W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.



### Single color PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 460          | 46                | 50               | 17 (CC)             | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 470          | 47                | 50               | 17 (CC)             | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 550          | 55                | 50               | 17 (CC)             | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 540          | 54                | 50               | 17 (CC)             | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 585          | 58.5              | 50               | 17 (CC)             | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 575          | 57.5              | 50               | 17 (CC)             | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 570          | 57                | 50               | 17 (CC)             | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 575          | 57.5              | 50               | 17 (CC)             | CC/CV |
| Red                                   | --  | DC24V   | 10       | 240          | 24                | 50               | 18 (CC)             | CC/CV |
| Green                                 | --  | DC24V   | 10       | 550          | 55                | 50               | 17 (CC)             | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 110          | 11                | 50               | 17 (CC)             | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 240          | 24                | 50               | 18 (CC)             | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 225          | 22.5              | 50               | 17 (CC)             | CC/CV |

Note: -The running length is base on Constant Current 24Vdc LED Strip.  
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 10M.

### CCT Tunable PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 275          | 55                | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 295          | 59                | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 570          | 57                | 50               | 5                   | CV    |

### RGB PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 56.1         | 17                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 181.5        | 55                | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 34.65        | 10.5              | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 270          | 27                | 62.5             | 5                   | CV    |

### RGBW PARAMETER



| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-------------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                         | --  | DC24V   | 2.5      | 32.5         | 13                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 135          | 54                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 31.25        | 12.5              | 62.5             | 5                   | CV    |
| W(2700K±200)                              | ≥80 | DC24V   | 2.5      | 70           | 28                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 340          | 34                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 32.5         | 13                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 135          | 54                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 31.25        | 12.5              | 62.5             | 5                   | CV    |
| W(3000K±200)                              | ≥80 | DC24V   | 2.5      | 158.75       | 63.5              | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 360          | 36                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 32.5         | 13                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 135          | 54                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 31.25        | 12.5              | 62.5             | 5                   | CV    |
| W(4000K <sup>+500</sup> <sub>-200</sub> ) | ≥80 | DC24V   | 2.5      | 168.75       | 67.5              | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 370          | 37                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 32.5         | 13                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 135          | 54                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 31.25        | 12.5              | 62.5             | 5                   | CV    |
| W(6500K±500)                              | ≥80 | DC24V   | 2.5      | 140          | 56                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 330          | 33                | 62.5             | 5                   | CV    |

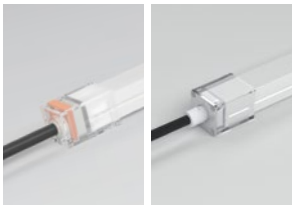
Cable Entry

Integral End Cap



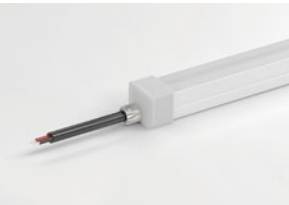
Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

Solder Free End Cap



Side Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

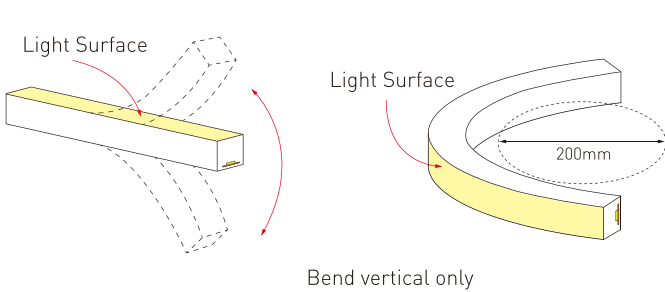
Silicone end cap



Bottom Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;

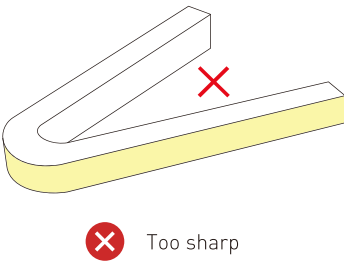


Light Surface

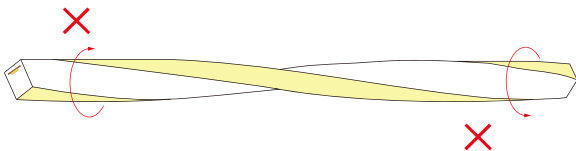
Light Surface

200mm

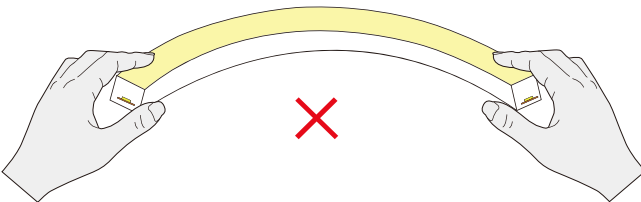
Bend vertical only



Too sharp



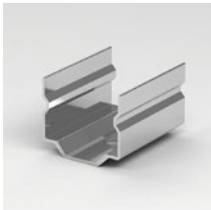
Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

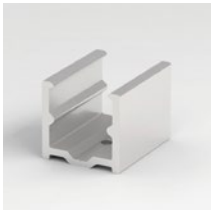
Accessories

Mounting Clips



Dimension:  
20x12.6x16.8mm

Aluminium Mounting clips



Dimension:  
20x20.5x17.6

Aluminium Profile



Dimension:  
1000x20.5x17.6



PVC Cable  
2PIN, 3PIN, 4PIN, 5PIN  
Color: Black



IP67 Connector  
2PIN, 3PIN, 4PIN, 5PIN  
Wire Gauge: 0.5mm<sup>2</sup>/22AWG  
Color: Black



Silicone Cable  
2PIN, 3PIN, 4PIN, 5PIN  
Color: White



Anti-rain connector



Silicone closed end cap  
Dimension: 13x18.5x17.5mm  
Color: Semi-Transparent



PC closed end cap  
Dimension: 27.9x20.4x19.4mm  
Material: stainless steel  
Color: Transparent



Scissor  
Material: stainless steel

0606 Silicone LED Neon Light, Top Bend

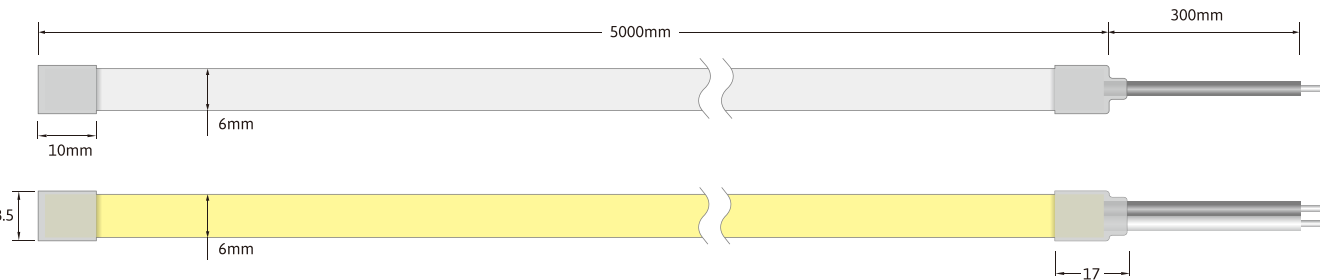
1). 0606 Flex LED Neon Light, DC24V, Cross section size 6mm\*6mm(W\*H), Vertical Bending, Min bending diameter: 50mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



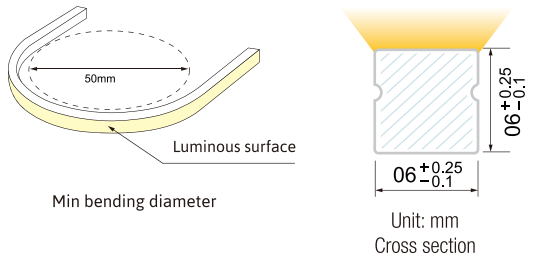
Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 6W                                                        |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>a</sub> min=-25 C, T <sub>a</sub> max(Table below) |

|                                         |            |
|-----------------------------------------|------------|
| LEDNEON 0606                            | Low Output |
| Power(W/m)                              | 6W         |
| Max. Ambient tempt.(T <sub>a</sub> max) | 55 C       |

- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

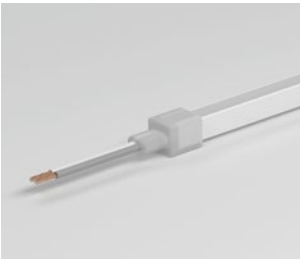
Single color  
PARAMETER



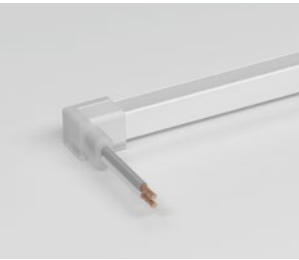
| CCT(K)          | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 1700K +200 -100 | ≥90 | DC24V   | 6        | 235.2        | 39.2              | 25               | 5                   | CV    |
| 2200K +200 -100 | ≥90 | DC24V   | 6        | 325.2        | 54.2              | 25               | 5                   | CV    |
| 2400K +200 -200 | ≥90 | DC24V   | 6        | 330          | 55                | 25               | 5                   | CV    |
| 2600K +200 -200 | ≥90 | DC24V   | 6        | 337.2        | 56.2              | 25               | 5                   | CV    |
| 2800K +200 -200 | ≥90 | DC24V   | 6        | 345          | 57.5              | 25               | 5                   | CV    |
| 3200K +300 -200 | ≥90 | DC24V   | 6        | 348          | 58                | 25               | 5                   | CV    |
| 3800K +400 -300 | ≥90 | DC24V   | 6        | 358.2        | 59.7              | 25               | 5                   | CV    |
| 4400K +400 -400 | ≥90 | DC24V   | 6        | 352.8        | 58.8              | 25               | 5                   | CV    |
| 5600K +400 -400 | ≥90 | DC24V   | 6        | 379.2        | 63.2              | 25               | 5                   | CV    |

Cable Entry

Silicone end cap



Front Cable Entry  
The cable could be hidden in all directions by the flexible design.



Side Cable Entry  
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless

Integral End Cap



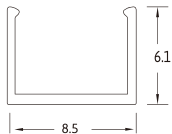
Front Cable Entry  
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips



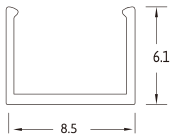
Dimension:  
15x8.5x6.1mm (L x W x H)



Aluminium Profile



Dimension:  
1000x8.5x7.2mm (L x W x H)



2 PIN grey/white wire



Silicone closed end cap  
Dimension: 10x8.5x8.5mm (LxWxH)  
Color: Semi-Transparent



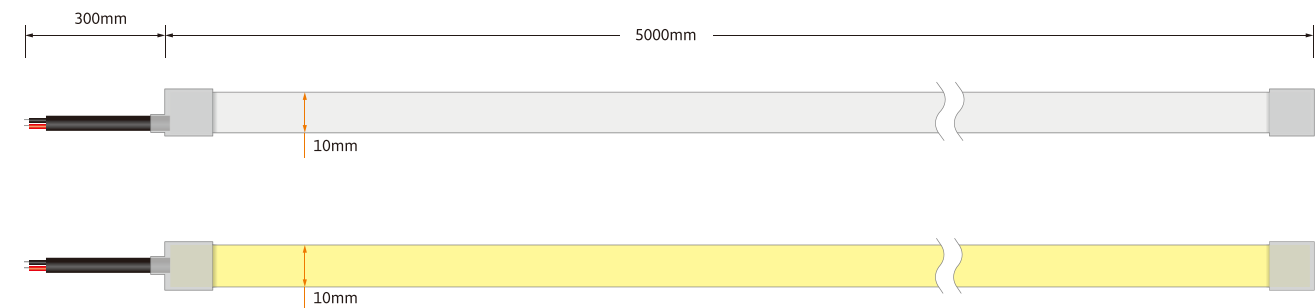
Scissor  
Material: stainless steel

# 1010 Silicone LED Neon Light, Top Bend

- 1). 1010 Flex LED Neon Light, DC24V, Cross section size 10mm\*10mm(W\*H), Vertical Bending, Min bending diameter: 100mm. Front Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



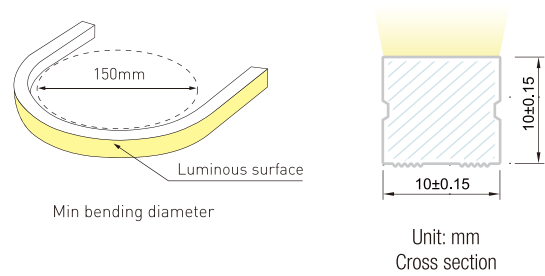
## Dimension



| Technical Data      |                                                              |
|---------------------|--------------------------------------------------------------|
| Working Voltage     | DC24V                                                        |
| CRI                 | >90                                                          |
| Rated Power/m       | 5w/10w                                                       |
| Storage Temperature | -25 C ~60 C                                                  |
| Ambient Temperature | T <sub>ambin</sub> = -25 C , T <sub>amax</sub> (Table below) |

| LEDNEON 1212                            | Low Output | STD output |
|-----------------------------------------|------------|------------|
| Power(W/m)                              | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>amax</sub> ) | 55 C       | 45 C       |

- Note:
- When ambient temperature reaches 55℃, the power is suggested to be 5W/M.
  - Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

## Single color

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2400K±150                             | ≥90 | DC24V   | 10       | 710          | 71                | 50               | 13(CC)             | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 780          | 78                | 50               | 13(CC)             | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 740          | 74                | 50               | 13(CC)             | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 13(CC)             | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 840          | 84                | 50               | 13(CC)             | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 870          | 87                | 50               | 13(CC)             | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 860          | 86                | 50               | 13(CC)             | CC/CV |
| Red                                   | --  | DC24V   | 10       | 300          | 30                | 50               | 17(CC)             | CC/CV |
| Green                                 | --  | DC24V   | 10       | 650          | 65                | 50               | 13(CC)             | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 168          | 16.8              | 50               | 13(CC)             | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 340          | 34                | 50               | 17(CC)             | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 560          | 56                | 50               | 13(CC)             | CC/CV |

## CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 285          | 77                | 50               | 5                  | CV    |
| W      | ≥90 | DC24V   | 5        | 410          | 82                | 50               | 5                  | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 800          | 80                | 50               | 5                  | CV    |

## RGB

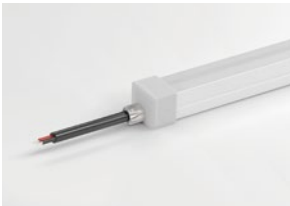
PARAMETER



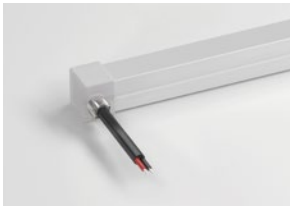
| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 68.6         | 20.8              | 50               | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 234          | 70.9              | 50               | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 44.9         | 13.6              | 50               | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 362          | 36.2              | 50               | 5                  | CV    |

## Cable Entry

### Silicone end cap



Front Cable Entry



Side Cable Entry



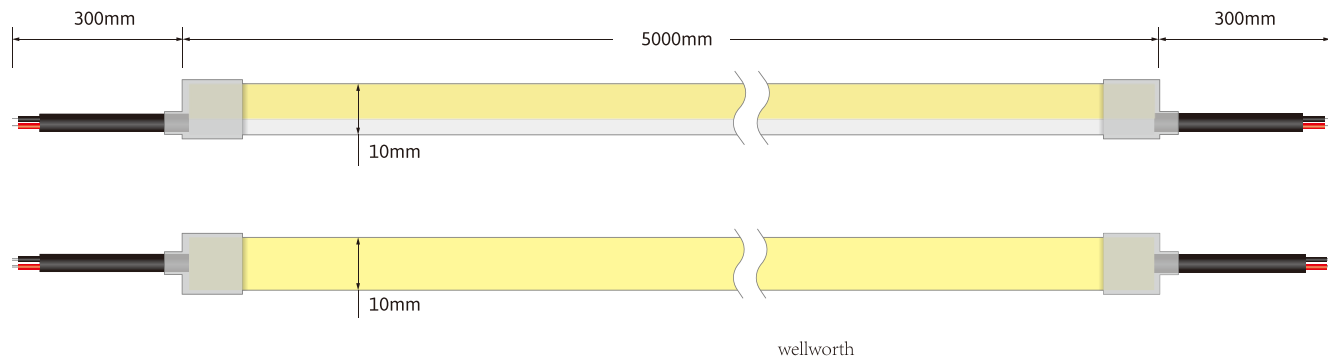
Bottom Cable Entry

# 1010 Silicone LED Neon Light, Top Bend, Three Sided Light

- 1). 1010 Flex LED Neon Light, DC24V, Cross section size 10mm\*10mm(W\*H), Vertical Bending, Min bending diameter: 100mm. Front Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension

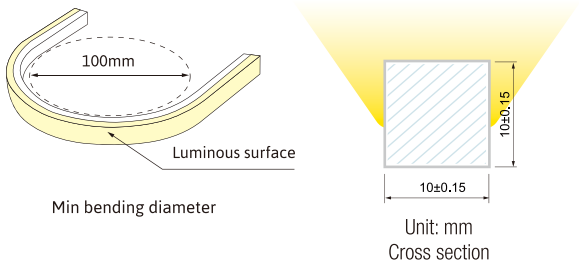


| Technical Data      |                                                         |
|---------------------|---------------------------------------------------------|
| Working Voltage     | DC24V                                                   |
| CRI                 | >90                                                     |
| Rated Power/m       | 5w/10w                                                  |
| Storage Temperature | -25℃~60℃                                                |
| Ambient Temperature | T <sub>min</sub> = -25℃, T <sub>max</sub> (Table below) |

| LEDNEON 1010                           | Low Output | Std Output |
|----------------------------------------|------------|------------|
| Power(W/m)                             | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55℃        | 45℃        |

Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

## Single color

PARAMETER



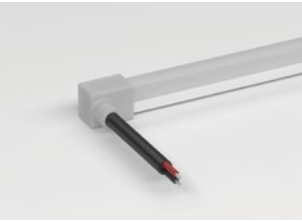
| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 645          | 64.5              | 35.7             | 5                   | CV    |
| 2400K±150                             | ≥90 | DC24V   | 10       | 685          | 68.5              | 35.7             | 5                   | CV    |
| 2700K±150                             | ≥90 | DC24V   | 10       | 740          | 74                | 35.7             | 5                   | CV    |
| 3000K±150                             | ≥90 | DC24V   | 10       | 790          | 79                | 35.7             | 5                   | CV    |
| 3500K±200                             | ≥90 | DC24V   | 10       | 720          | 72                | 35.7             | 5                   | CV    |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 830          | 83                | 35.7             | 5                   | CV    |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 830          | 83                | 35.7             | 5                   | CV    |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 810          | 81                | 35.7             | 5                   | CV    |
| Red                                   | --  | DC24V   | 10       | 330          | 33                | 35.7             | 5                   | CV    |
| Green                                 | --  | DC24V   | 10       | 920          | 92                | 35.7             | 5                   | CV    |
| Blue                                  | --  | DC24V   | 10       | 175          | 17.5              | 35.7             | 5                   | CV    |
| Yellow                                | --  | DC24V   | 10       | 300          | 30                | 35.7             | 5                   | CV    |
| Pink                                  | --  | DC24V   | 10       | 350          | 35                | 35.7             | 5                   | CV    |

## Cable Entry

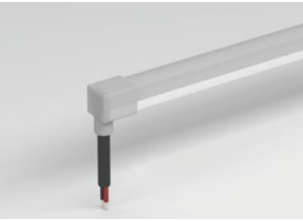
Silicone end cap



Front Cable Entry

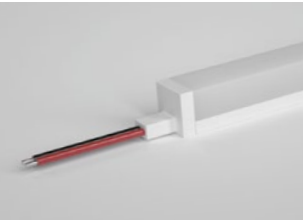


Side Cable Entry



Bottom Cable Entry

Integral End Cap (IP44)



Front Cable Entry

## Accessories

Stainless Steel Mounting clip



Dimension:  
12x11.6x7.6mm(L x W x H)

Aluminium Profile



Dimension:  
1000x12.4x13mm(L x W x H)

transparent plastic groove



Dimension:  
1000x12x14.3mm(L x W x H)



PVC Cable  
2PIN  
Color: Black



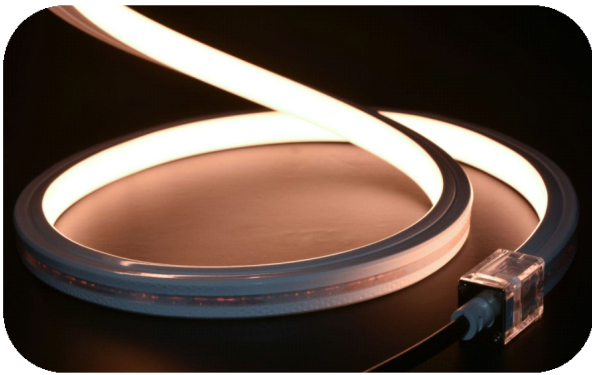
Silicone closed end cap  
Dimension: 12x12mm (WxH)  
Color: Semi-Transparent



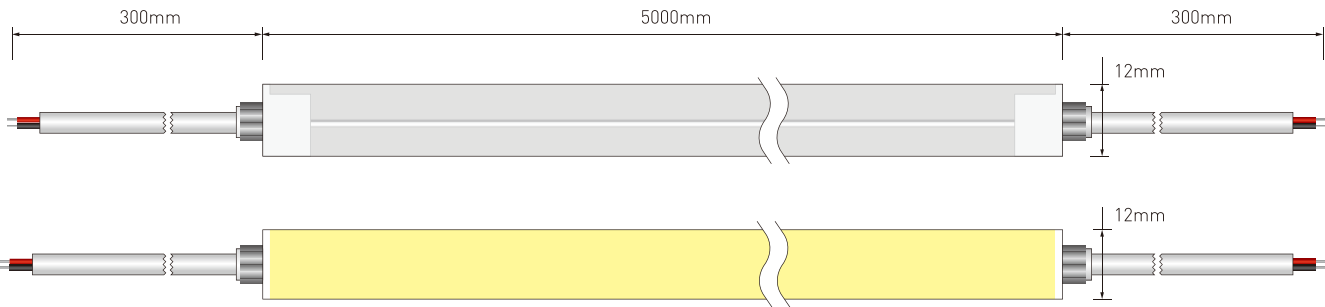
Scissor  
Material: stainless steel

# 1212 Silicone LED Neon Light, Top Bend

- 1). 1212 Flex LED Neon Light, DC24V, Cross section size 12mm\*12mm(W\*H), Vertical Bending, Min bending diameter: 200mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.
- 2). Unique end cap design, quickly and easily installed to meet different lengths requirement, without welding wires and without waterproof processing.
- 3). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 4). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension



| Technical Data      |                                                                 |
|---------------------|-----------------------------------------------------------------|
| Working Voltage     | DC24V                                                           |
| CRI                 | >90                                                             |
| Rated Power/m       | 5w/10w                                                          |
| Storage Temperature | -25 C~60 C                                                      |
| Ambient Temperature | T <sub>amb</sub> min=-25 C., T <sub>amb</sub> max (Table below) |

| LEDNEON 1212                              | Low Output | STD output |
|-------------------------------------------|------------|------------|
| Power(W/m)                                | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>amb</sub> max) | 55 C       | 45 C       |

- Note:
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
  - Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage

24v DC

UV Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

## Single color

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 560          | 56                | 50               | 13 (CC)            | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 560          | 56                | 50               | 13 (CC)            | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 670          | 67                | 50               | 13 (CC)            | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 640          | 64                | 50               | 13 (CC)            | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 660          | 66                | 50               | 13 (CC)            | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 680          | 68                | 50               | 13 (CC)            | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 680          | 68                | 50               | 13 (CC)            | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 670          | 67                | 50               | 13 (CC)            | CC/CV |
| Red                                   | --  | DC24V   | 10       | 280          | 28                | 50               | 17 (CC)            | CC/CV |
| Green                                 | --  | DC24V   | 10       | 700          | 70                | 50               | 13 (CC)            | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 130          | 13                | 50               | 13 (CC)            | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 260          | 26                | 50               | 17 (CC)            | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 280          | 28                | 50               | 13 (CC)            | CC/CV |

Note: -The running length is base on Constant Current 24Vdc LED Strip.  
-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 8.4M.

## CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 315          | 63                | 50               | 5                  | CV    |
| W      | ≥90 | DC24V   | 5        | 335          | 67                | 50               | 5                  | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 650          | 65                | 50               | 5                  | CV    |

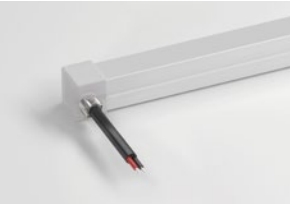
## RGB

PARAMETER



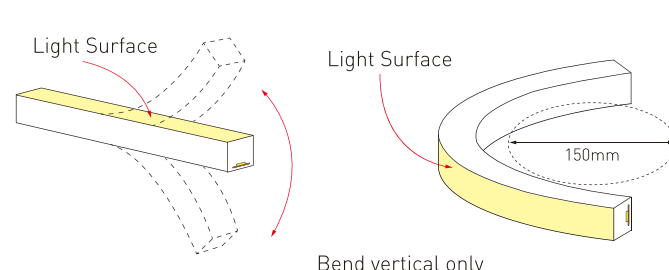
| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 69.3         | 21                | 62.5             | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 214.5        | 65                | 62.5             | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 39.6         | 12                | 62.5             | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 290          | 29                | 62.5             | 5                  | CV    |

Cable Entry

|                                                                                                  | Integral End Cap                                                                  | Solder Free End Cap                                                                | Silicone end cap                                                                    |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Front Cable Entry:<br>The cable could be hidden in all directions by the flexible design.        |  |  |  |
| Side Cable Entry:<br>The cable could be perfectly hidden to achieve seamless light connection.   |  |  |  |
| Bottom Cable Entry:<br>The cable could be perfectly hidden to achieve seamless light connection. |  |  |  |

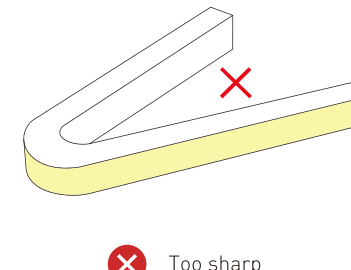
Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;

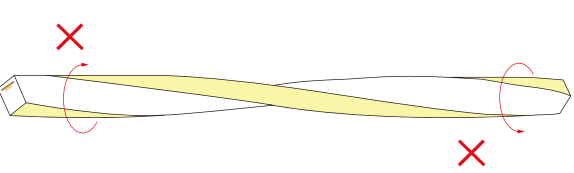


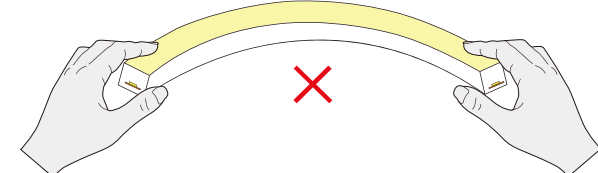
Light Surface

Bend vertical only



Too sharp

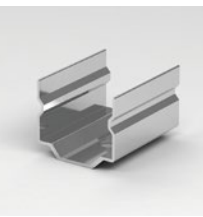
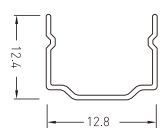
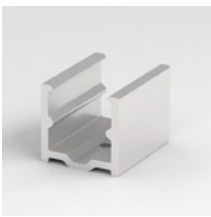
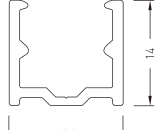
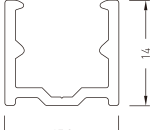




Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.

Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

Accessories

| Stainless Steel Mounting clips                                                                                                                                                                          | Aluminium Mounting clips                                                                                                                                                                            | Aluminium Profile                                                                                                                                                                                     |                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|  <br>Dimension:<br>20x12.8x12.4mm |  <br>Dimension:<br>20x17.3x14 |  <br>Dimension:<br>1000x17.3x14 |                                                                                                            |
| <br>PVC Cable<br>2PIN, 3PIN, 4PIN<br>Color: Black                                                                    | <br>IP67 Connector 4PIN<br>Wire Gauge: 0.5mm <sup>2</sup> /22AWG<br>Color: Black                                 | <br>Silicone Cable<br>2PIN, 3PIN, 4PIN<br>Color: White                                                             | <br>Anti-rain connector |

|                                                                                                                                                                          |                                                                                                                                                                                          |                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <br>Silicone closed end cap<br>Dimension: 13x14.5x14.5mm<br>Color: Semi-Transparent | <br>PC closed end cap<br>Dimension: 26.5x17x16mm<br>Material: stainless steel<br>Color: Transparent | <br>Scissor<br>Material: stainless steel |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|

## IP67, Large Luminous Surface Light (Top Bend)

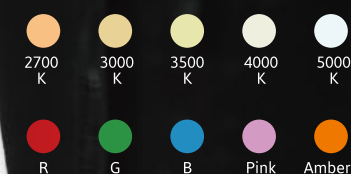
F2016 | F3020 | F5025

- IP67, Large luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



## IIP67 NEON STRIP D16

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV
- Excellent toughness, simple and stylish appearance, delicate and unique
- 3 years warranty, working life  $\geq 30000$  hours;

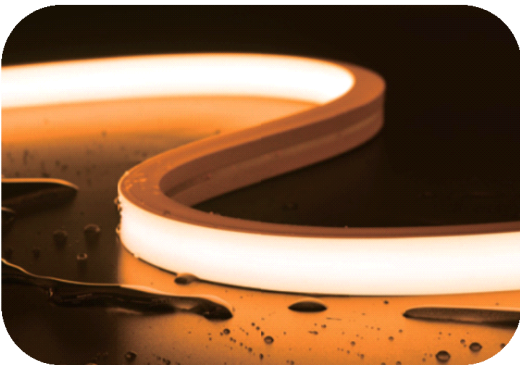


# 2016 Silicone LED Neon Light, Top Bend

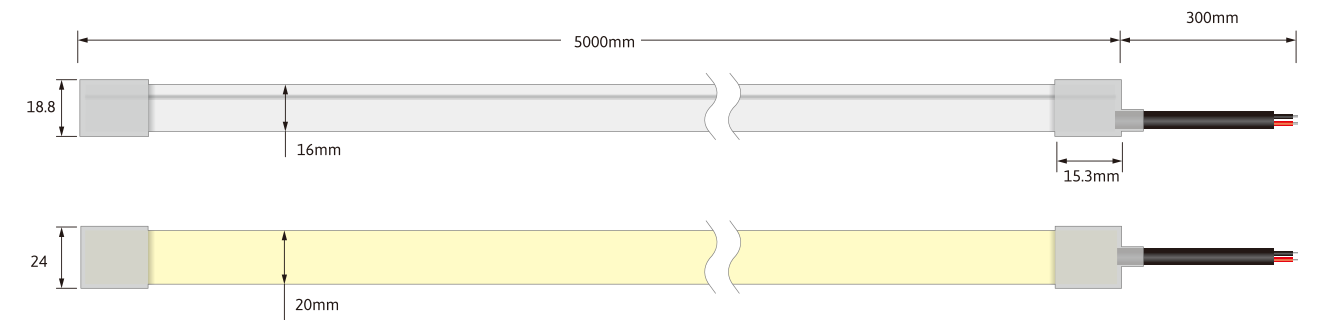
1). 2016 Flex LED Neon Light, DC24V, Cross section size 20mm\*16mm(W\*H), Vertical Bending, Min bending diameter: 200mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

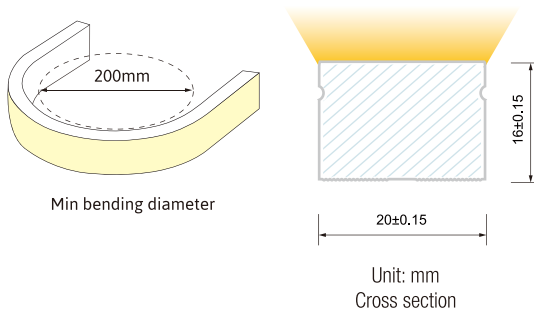


## Dimension



| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 5w/10w/15w                                                  |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | T <sub>a</sub> min=-25 C , T <sub>a</sub> max (Table below) |

| LEDNEON 2016                            | Low Output | Std Output | High Output |
|-----------------------------------------|------------|------------|-------------|
| Power(W/m)                              | 5w         | 10w        | 15w         |
| Max. Ambient tempt.(T <sub>a</sub> max) | 55 C       | 45 C       | 35 C        |



### Note:

-When ambient temperature reaches 55 °C, the power is suggested to be 5W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof

Grade

IP 67

Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 495          | 49.5              | 50               | 17(CC)              | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 525          | 52.5              | 50               | 17(CC)              | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 590          | 59                | 50               | 17(CC)              | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 590          | 59                | 50               | 17(CC)              | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 555          | 55.5              | 50               | 17(CC)              | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 630          | 63                | 50               | 17(CC)              | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 625          | 62.5              | 50               | 17(CC)              | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 625          | 62.5              | 50               | 17(CC)              | CC/CV |
| Red                                   | --  | DC24V   | 10       | 290          | 29                | 50               | 18(CC)              | CC/CV |
| Green                                 | --  | DC24V   | 10       | 610          | 61                | 50               | 17(CC)              | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 135          | 13.5              | 50               | 17(CC)              | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 280          | 28                | 50               | 18(CC)              | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 260          | 26                | 50               | 17(CC)              | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 312.5        | 62.5              | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 327.5        | 65.5              | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 635          | 63.5              | 50               | 5                   | CV    |

### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 67.98        | 20.6              | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 176.55       | 53.5              | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 34.65        | 10.5              | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 280          | 28                | 62.5             | 5                   | CV    |

### RGBW

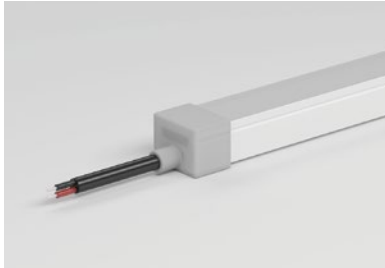
PARAMETER



| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-------------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                         | --  | DC24V   | 2.5      | 47.5         | 19                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 156.25       | 62.5              | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 38.75        | 15.5              | 62.5             | 5                   | CV    |
| W(2700K±200)                              | ≥80 | DC24V   | 2.5      | 168.75       | 67.5              | 62.5             | 5                   | CV    |
|                                           | --  | DC24V   | 10       | 390          | 39                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 47.5         | 19                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 156.25       | 62.5              | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 38.75        | 15.5              | 62.5             | 5                   | CV    |
| W(3000K±200)                              | ≥80 | DC24V   | 2.5      | 170          | 68                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 380          | 38                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 47.5         | 19                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 156.25       | 62.5              | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 38.75        | 15.5              | 62.5             | 5                   | CV    |
| W(4000K <sup>+500</sup> <sub>-200</sub> ) | ≥80 | DC24V   | 2.5      | 176.25       | 70.5              | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 370          | 37                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 47.5         | 19                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 156.25       | 62.5              | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 38.75        | 15.5              | 62.5             | 5                   | CV    |
| W(6500K±500)                              | ≥80 | DC24V   | 2.5      | 172          | 68.8              | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 370          | 37                | 62.5             | 5                   | CV    |

Cable Entry

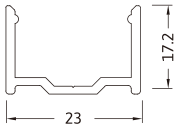
Silicone end cap



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

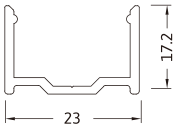
Accessories

Aluminium Mounting Clip



Dimension:  
20x23x17.2mm(L x W x H)

Aluminium Profile



Dimension:  
1000x23x17.2mm(L x W x H)



PVC Cable  
2PIN, 3PIN, 4PIN, 5PIN  
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN  
Wire Gauge: 0.5mm<sup>2</sup>/22AWG  
Color: Black



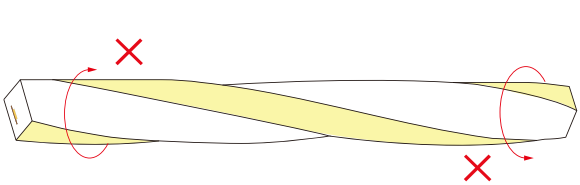
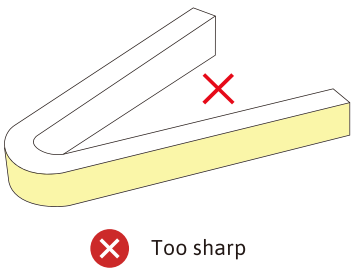
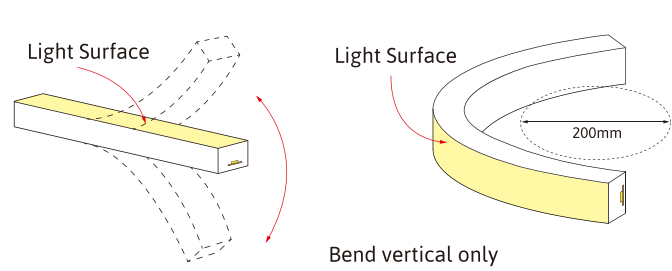
Silicone closed end cap  
Dimension: 15.3x24x18.8mm  
Color: Semi-Transparent



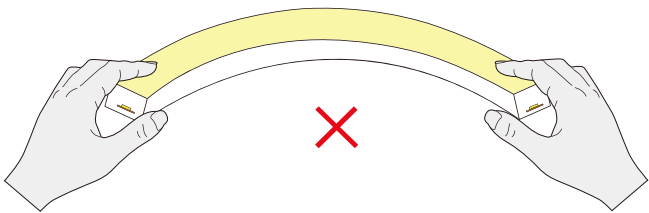
Scissor  
Material: stainless steel

Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 200mm bending diameter;



Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

# 3020 Silicone LED Neon Light, Top Bend

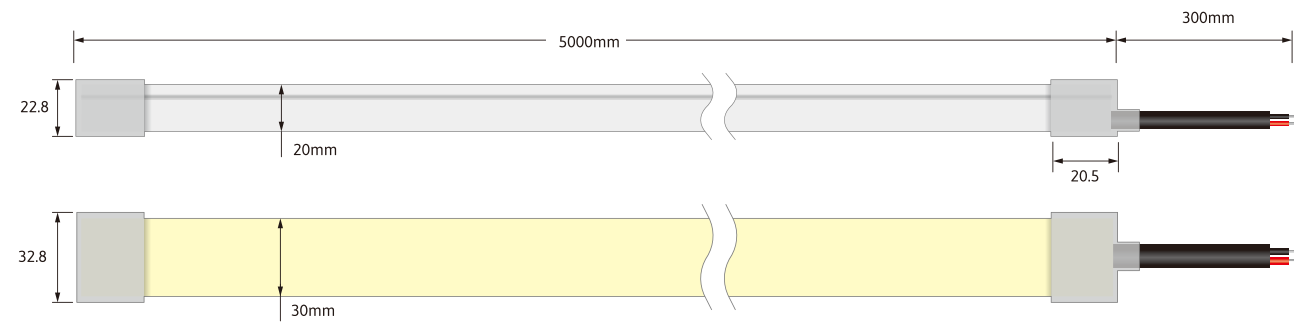
1). 3020 Flex LED Neon Light, DC24V, Cross section size 30mm\*20mm(W\*H), Vertical Bending, Min bending diameter: 200mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

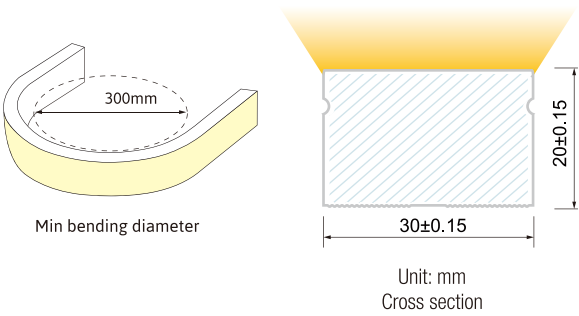


## Dimension



| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 16w/20w/24w                                                 |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | T <sub>a</sub> min=-25 C , T <sub>a</sub> max (Table below) |

| LEDNEON 3020                            | Low Output | Std Output | High Output |
|-----------------------------------------|------------|------------|-------------|
| Power(W/m)                              | 16W        | 20W        | 24W         |
| Max. Ambient tempt.(T <sub>a</sub> max) | 55 C       | 45 C       | 35 C        |



### Note:

-When ambient temperature reaches 55 C, the power is suggested to be 16W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 67



Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                         | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                      | ≥90 | DC24V   | 20       | 1020         | 51                | 50               | 9(CC)               | CC/CV |
| 2400K±150                      | ≥90 | DC24V   | 20       | 1040         | 52                | 50               | 9(CC)               | CC/CV |
| 2700K±150                      | ≥90 | DC24V   | 20       | 1210         | 60.5              | 50               | 9(CC)               | CC/CV |
| 3000K±150                      | ≥90 | DC24V   | 20       | 1220         | 61                | 50               | 9(CC)               | CC/CV |
| 3500K±200                      | ≥90 | DC24V   | 20       | 1130         | 56.5              | 50               | 9(CC)               | CC/CV |
| 4000K <sup>+400<br/>-200</sup> | ≥90 | DC24V   | 20       | 1280         | 64                | 50               | 9(CC)               | CC/CV |
| 5000K <sup>+500<br/>-300</sup> | ≥90 | DC24V   | 20       | 1300         | 65                | 50               | 9(CC)               | CC/CV |
| 6500K <sup>+200<br/>-600</sup> | ≥90 | DC24V   | 20       | 1180         | 59                | 50               | 9(CC)               | CC/CV |
| Red                            | --  | DC24V   | 20       | 530          | 26.5              | 50               | 9(CC)               | CC/CV |
| Green                          | --  | DC24V   | 20       | 1240         | 62                | 50               | 9(CC)               | CC/CV |
| Blue                           | --  | DC24V   | 20       | 270          | 13.5              | 50               | 9(CC)               | CC/CV |
| Yellow                         | --  | DC24V   | 20       | 520          | 26                | 50               | 9(CC)               | CC/CV |
| Pink                           | --  | DC24V   | 20       | 520          | 26                | 50               | 9(CC)               | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 10       | 610          | 61                | 41.66            | 5                   | CV    |
| W      | ≥90 | DC24V   | 10       | 650          | 65                | 41.66            | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 20       | 1230         | 61.5              | 41.66            | 5                   | CV    |

### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 6.66     | 133.2        | 20                | 41.66            | 5                   | CV    |
| G      | --  | DC24V   | 6.66     | 342.99       | 51.5              | 41.66            | 5                   | CV    |
| B      | --  | DC24V   | 6.66     | 69.93        | 10.5              | 41.66            | 5                   | CV    |
| RGB    | --  | DC24V   | 20       | 540          | 27                | 41.66            | 5                   | CV    |

### RGBW

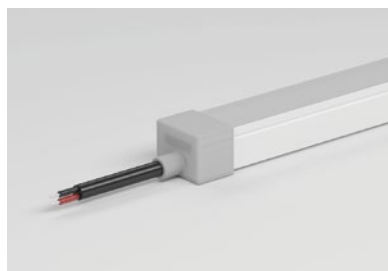
PARAMETER



| CCT(K)                             | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                  | --  | DC24V   | 5        | 95           | 19                | 41.66            | 5                   | CV    |
| G                                  | --  | DC24V   | 5        | 262.5        | 52.5              | 41.66            | 5                   | CV    |
| B                                  | --  | DC24V   | 5        | 70           | 14                | 41.66            | 5                   | CV    |
| W(2700K±200)                       | ≥80 | DC24V   | 5        | 305          | 61                | 41.66            | 5                   | CV    |
| RGBW                               | --  | DC24V   | 20       | 720          | 36                | 41.66            | 5                   | CV    |
| CCT(K)                             | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                  | --  | DC24V   | 5        | 95           | 19                | 41.66            | 5                   | CV    |
| G                                  | --  | DC24V   | 5        | 262.5        | 52.5              | 41.66            | 5                   | CV    |
| B                                  | --  | DC24V   | 5        | 70           | 14                | 41.66            | 5                   | CV    |
| W(3000K±200)                       | ≥80 | DC24V   | 5        | 302.5        | 60.5              | 41.66            | 5                   | CV    |
| RGBW                               | --  | DC24V   | 20       | 720          | 36                | 41.66            | 5                   | CV    |
| CCT(K)                             | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                  | --  | DC24V   | 5        | 95           | 19                | 41.66            | 5                   | CV    |
| G                                  | --  | DC24V   | 5        | 262.5        | 52.5              | 41.66            | 5                   | CV    |
| B                                  | --  | DC24V   | 5        | 70           | 14                | 41.66            | 5                   | CV    |
| W(4000K <sup>+500<br/>-200</sup> ) | ≥80 | DC24V   | 5        | 320          | 64                | 41.66            | 5                   | CV    |
| RGBW                               | --  | DC24V   | 20       | 720          | 36                | 41.66            | 5                   | CV    |
| CCT(K)                             | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                  | --  | DC24V   | 5        | 95           | 19                | 41.66            | 5                   | CV    |
| G                                  | --  | DC24V   | 5        | 262.5        | 52.5              | 41.66            | 5                   | CV    |
| B                                  | --  | DC24V   | 5        | 70           | 14                | 41.66            | 5                   | CV    |
| W(6500K±500)                       | ≥80 | DC24V   | 5        | 313          | 62.6              | 41.66            | 5                   | CV    |
| RGBW                               | --  | DC24V   | 20       | 720          | 36                | 41.66            | 5                   | CV    |

## Cable Entry

Silicone end cap



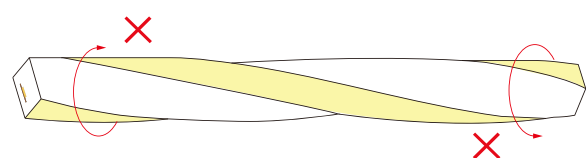
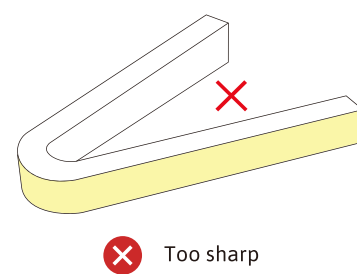
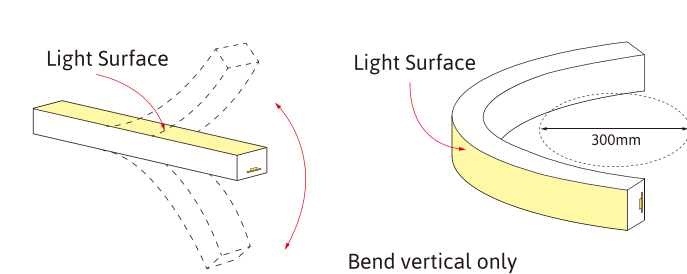
Front Cable Entry:

The cable could be hidden in all directions by the flexible design.

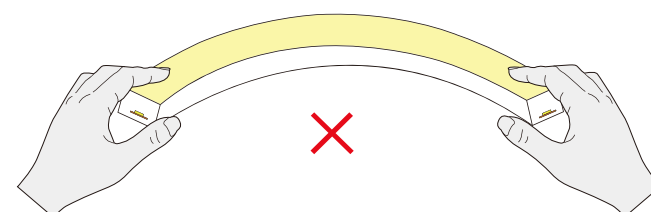
## Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;

Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;



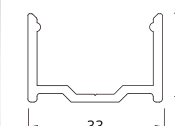
✗ Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



✗ Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

## Accessories

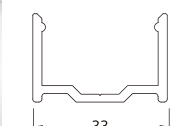
Aluminium Mounting clips



Dimension:

20x33x20mm(L x W x H)

Aluminium Profile



Dimension:

1000x33x20mm(L x W x H)



PVC Cable

2PIN, 3PIN, 4PIN, 5PIN

Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN

Wire Gauge: 0.5mm<sup>2</sup>/22AWG

Color: Black



Silicone closed end cap

Dimension: 20.5x32.8x22.8mm

Material: silicone

Color: Semi-Transparent



Scissor

Material: stainless steel

# 5024 Silicone LED Neon Light, Top Bend

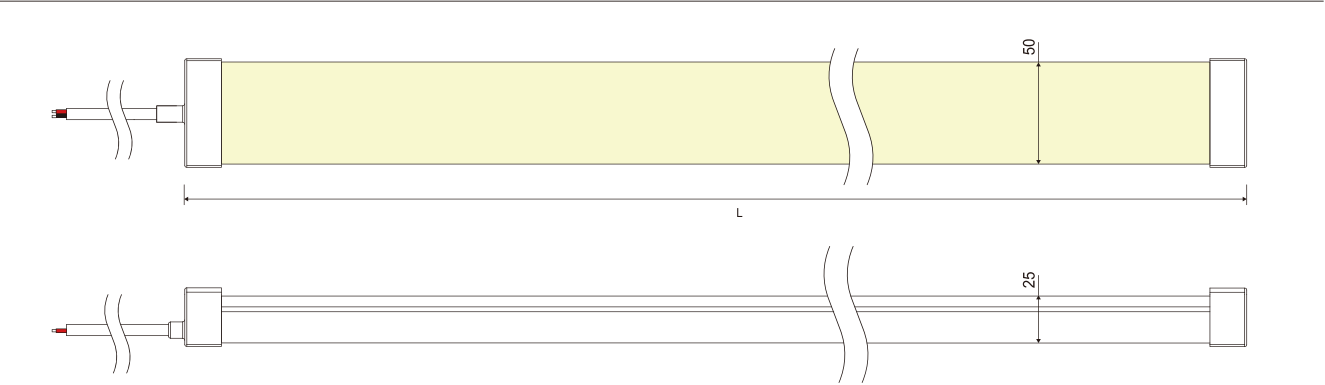
1). 5025 Flex LED Neon Light, DC24V, Cross section size 50mm\*25mm(W\*H), Vertical Bending, Min bending diameter: 500mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

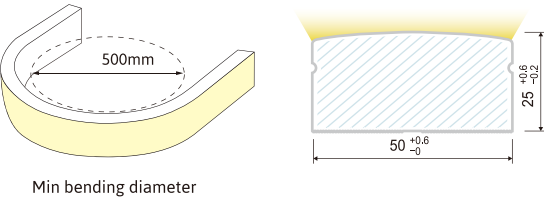


## Dimension



| Technical Data      |                                                            |
|---------------------|------------------------------------------------------------|
| Working Voltage     | DC24V                                                      |
| CRI                 | >90                                                        |
| Rated Power/m       | 16w/20w/24w                                                |
| Storage Temperature | -25 C ~60 C                                                |
| Ambient Temperature | T <sub>a</sub> min=-25 C, T <sub>a</sub> max (Table below) |

| LEDNEON 3020                            | Low Output | Std Output | High Output |
|-----------------------------------------|------------|------------|-------------|
| Power(W/m)                              | 16W        | 20W        | 24W         |
| Max. Ambient tempt.(T <sub>a</sub> max) | 55 C       | 45 C       | 35 C        |



Min bending diameter

Unit: mm  
Cross section

### Note:

-When ambient temperature reaches 55 C, the power is suggested to be 16W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

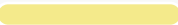
IP 67

Warranty

3 Years

### Single color

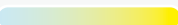
PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 15       | 792          | 52.8              | 50               | 12 (CC)             | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 15       | 808          | 53.9              | 50               | 12 (CC)             | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 15       | 869          | 57.9              | 50               | 12 (CC)             | CC/CV |
| 6000K±500 | ≥90 | DC24V   | 15       | 826          | 55.1              | 50               | 12 (CC)             | CC/CV |
| Red       | --  | DC24V   | 15       | 365          | 24.4              | 50               | 12 (CC)             | CC/CV |
| Green     | --  | DC24V   | 15       | 974          | 65.0              | 50               | 12 (CC)             | CC/CV |
| Blue      | --  | DC24V   | 15       | 216          | 14.4              | 50               | 12 (CC)             | CC/CV |
| Yellow    | --  | DC24V   | 15       | 292          | 19.5              | 50               | 12 (CC)             | CC/CV |
| Orange    | --  | DC24V   | 15       | 370          | 24.7              | 50               | 12 (CC)             | CC/CV |
| Pink      | --  | DC24V   | 15       | 762          | 50.8              | 50               | 12 (CC)             | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 7.5      | 390          | 52.1              | 41.7             | 5                   | CV    |
| 6000K±500 | ≥90 | DC24V   | 7.5      | 402          | 53.6              | 41.7             | 5                   | CV    |
| 4000K±300 | ≥90 | DC24V   | 15       | 794          | 53.0              | 41.7             | 5                   | CV    |

### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 5        | 85           | 17.1              | 41.7             | 5                   | CV    |
| G      | --  | DC24V   | 5        | 330          | 66.0              | 41.7             | 5                   | CV    |
| B      | --  | DC24V   | 5        | 61           | 12.2              | 41.7             | 5                   | CV    |
| RGB    | --  | DC24V   | 15       | 516          | 34.4              | 41.7             | 5                   | CV    |

### RGBW

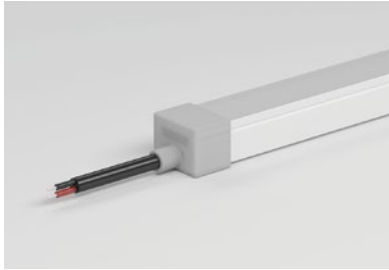
PARAMETER



| CCT(K)                                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------------------------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                                         | --  | DC24V   | 3.75     | 64           | 17.1              | 41.7             | 5                   | CV    |
| G                                                         | --  | DC24V   | 3.75     | 187          | 49.9              | 41.7             | 5                   | CV    |
| B                                                         | --  | DC24V   | 3.75     | 51           | 13.5              | 41.7             | 5                   | CV    |
| W(2200-2600K)                                             | ≥80 | DC24V   | 3.75     | 205          | 54.7              | 41.7             | 5                   | CV    |
| RGBW                                                      | --  | DC24V   | 15       | 512          | 34.1              | 41.7             | 5                   | CV    |
| CCT(K)                                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                                         | --  | DC24V   | 3.75     | 65           | 17.2              | 41.7             | 5                   | CV    |
| G                                                         | --  | DC24V   | 3.75     | 188          | 50.2              | 41.7             | 5                   | CV    |
| B                                                         | --  | DC24V   | 3.75     | 52           | 13.8              | 41.7             | 5                   | CV    |
| 3000K $\begin{smallmatrix} +300 \\ -0 \end{smallmatrix}$  | ≥80 | DC24V   | 3.75     | 199          | 52.9              | 41.7             | 5                   | CV    |
| RGBW                                                      | --  | DC24V   | 15       | 506          | 33.7              | 41.7             | 5                   | CV    |
| CCT(K)                                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                                         | --  | DC24V   | 3.75     | 66           | 17.6              | 41.7             | 5                   | CV    |
| G                                                         | --  | DC24V   | 3.75     | 189          | 50.4              | 41.7             | 5                   | CV    |
| B                                                         | --  | DC24V   | 3.75     | 54           | 14.4              | 41.7             | 5                   | CV    |
| 4000 $\begin{smallmatrix} +200 \\ -400 \end{smallmatrix}$ | ≥80 | DC24V   | 3.75     | 210          | 56.0              | 41.7             | 5                   | CV    |
| RGBW                                                      | --  | DC24V   | 15       | 524          | 35.0              | 41.7             | 5                   | CV    |
| CCT(K)                                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                                         | --  | DC24V   | 3.75     | 65           | 17.4              | 41.7             | 5                   | CV    |
| G                                                         | --  | DC24V   | 3.75     | 191          | 51.0              | 41.7             | 5                   | CV    |
| B                                                         | --  | DC24V   | 3.75     | 54           | 14.3              | 41.7             | 5                   | CV    |
| 5500±500                                                  | ≥80 | DC24V   | 3.75     | 215          | 57.5              | 41.7             | 5                   | CV    |
| RGBW                                                      | --  | DC24V   | 15       | 528          | 35.2              | 41.7             | 5                   | CV    |

Cable Entry

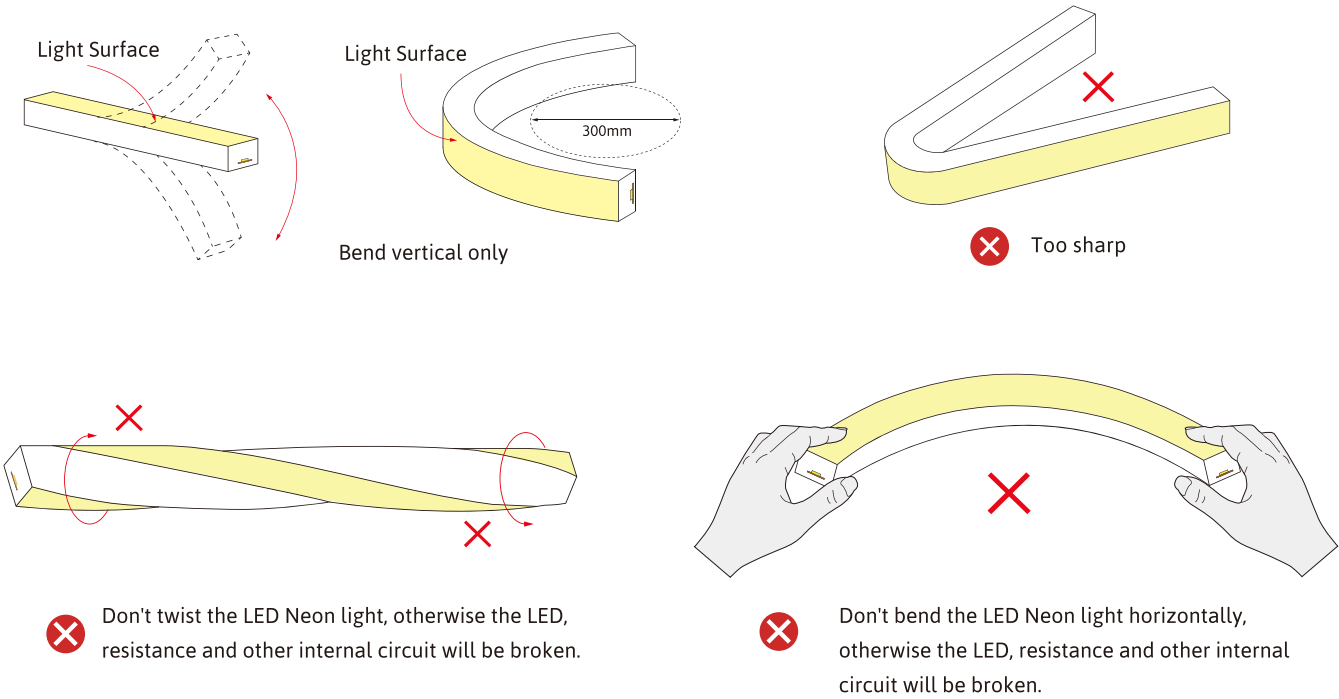
Silicone end cap



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

Operation Guidance

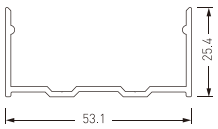
The LED neon Flex can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 300mm bending diameter;



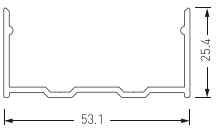
Accessories



Aluminium Mounting clips  
20x53.1x25.4mm(L x W x H)  
Accessories:  
Screw M3X16mm



Aluminium Profile  
1000(±5)x53.1x25.4mm(L x W x H)  
Accessories:  
Screw M3X16mm



PVC Cable  
2PIN, 3PIN, 4PIN, 5PIN  
Color: Black



IP67 Connector 2PIN, 3PIN, 4PIN, 5PIN  
Wire Gauge: 0.5mm²/22AWG  
Color: Black



Silicone closed end cap  
Dimension: 26x53.2x28.8mm  
Material: silicone  
Color: Semi-Transparent



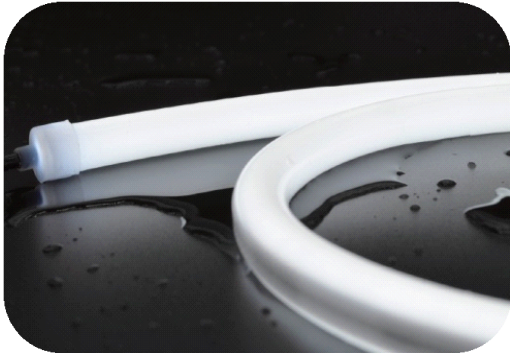
Scissor  
Material: stainless steel

# D16 Silicone LED Neon Light, Top Bend

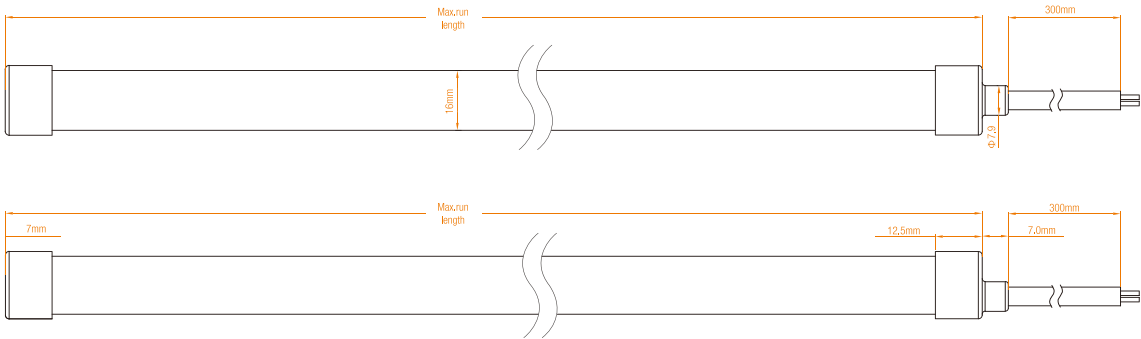
1). D16 Flex LED Neon Light, DC24V, Cross section size Φ16mm, Vertical Bending, Min bending diameter: 200mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

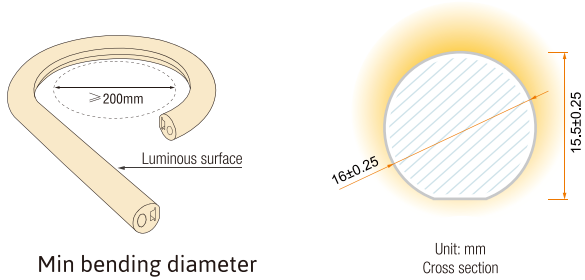


## Dimension structure



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max ( Table below ) |
| CRI                 | ≥90                            |

|                         |        |          |
|-------------------------|--------|----------|
| Power(w/m)              | 5 w/m  | 10 w/m   |
| Efficacy(lm/w)@4000K    | 73lm/w | 70.7lm/w |
| Max Ambient Temperature | 50 C   | 45 C     |



### Note:

- When ambient temperature reaches 50 C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof  
Grade  
IP 67

Warranty  
3 Years

### Single color PARAMETER



| CCT(K)                         | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2100K±150                      | ≥90 | DC24V   | 10       | 560          | 56                | 50               | 13(CC)             | CC/CV |
| 2400K±150                      | ≥90 | DC24V   | 10       | 590          | 59                | 50               | 13(CC)             | CC/CV |
| 2700K±150                      | ≥90 | DC24V   | 10       | 660          | 66                | 50               | 13(CC)             | CC/CV |
| 3000K±150                      | ≥90 | DC24V   | 10       | 650          | 65                | 50               | 13(CC)             | CC/CV |
| 3500K±200                      | ≥90 | DC24V   | 10       | 630          | 63                | 50               | 13(CC)             | CC/CV |
| 4000K <sup>+400<br/>-200</sup> | ≥90 | DC24V   | 10       | 700          | 70                | 50               | 13(CC)             | CC/CV |
| 5000K <sup>+500<br/>-300</sup> | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 13(CC)             | CC/CV |
| 6500K <sup>+200<br/>-600</sup> | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 13(CC)             | CC/CV |
| Red                            | --  | DC24V   | 10       | 310          | 31                | 50               | 17(CC)             | CC/CV |
| Green                          | --  | DC24V   | 10       | 780          | 78                | 50               | 13(CC)             | CC/CV |
| Blue                           | --  | DC24V   | 10       | 160          | 16                | 50               | 13(CC)             | CC/CV |
| Yellow                         | --  | DC24V   | 10       | 240          | 24                | 50               | 17(CC)             | CC/CV |
| Pink                           | --  | DC24V   | 10       | 330          | 33                | 50               | 13(CC)             | CC/CV |

### CCT Tunable PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 365          | 73                | 50               | 5                  | CV    |
| W      | ≥90 | DC24V   | 5        | 375          | 75                | 50               | 5                  | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 5                  | CV    |

### RGB PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 75.9         | 23                | 50               | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 231          | 70                | 50               | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 46.2         | 14                | 50               | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 350          | 35                | 50               | 5                  | CV    |

## Mounting Way



Transparent mounting clips  
20x16.6x15.3mm(L x W x H)



Transparent mounting clips  
20x16.6x15.3mm(L x W x H)

## IP67, Side Bend Series

S1220 | S0408 | S0612 | S0817 | S1010

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, acids & alkalis and UV
- Systematized solution of installation.



## IP67, Side Bend Series

S1018 | S1023 | S1225 | S2020 | S3032

- IP67 protection level, Three Sided luminous surface
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



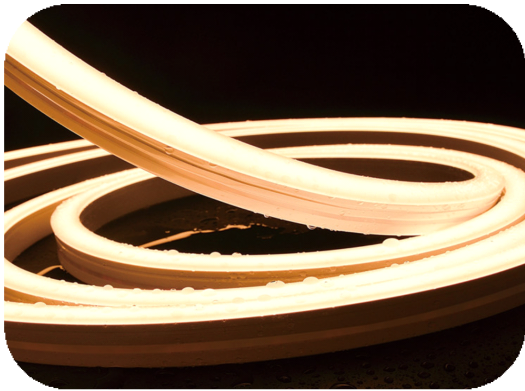
# 1220 Silicone LED Neon Light, Side Bend

1). 1220 Flex LED Neon Light, DC24V, Cross section size 12mm\*20mm(W\*H), Horizontal Bending, Min bending diameter: 200mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.

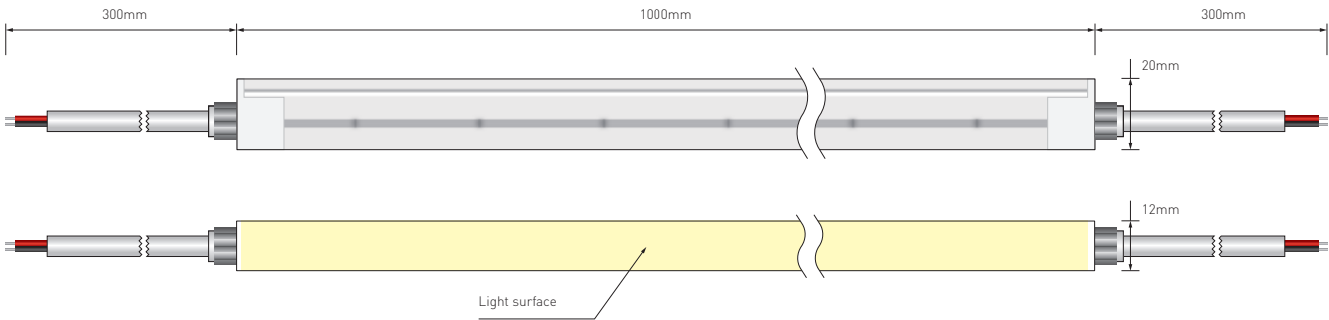
2). Unique end cap design, quickly and easily installed to meet different lengths requirement, without welding wires and without waterproof processing.

3). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

4). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 5w/10w/15w                                                |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> (Table below) |

| LEDNEON 1220                           | Low Output | Std Output | High Output |
|----------------------------------------|------------|------------|-------------|
| Power(W/m)                             | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |

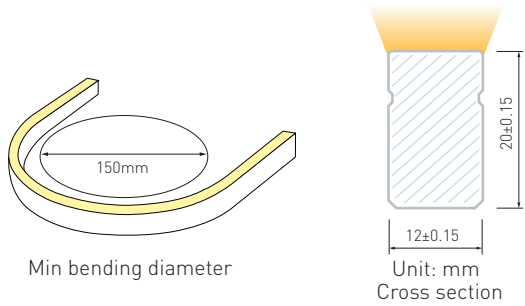
Note :

-When ambient temperature reaches 55℃, the power is suggested to be 5W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.



## Single color PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 260          | 26                | 50               | 17(CC)              | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 295          | 29.5              | 50               | 17(CC)              | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 305          | 30.5              | 50               | 17(CC)              | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 310          | 31                | 50               | 17(CC)              | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 345          | 34.5              | 50               | 17(CC)              | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 340          | 34                | 50               | 17(CC)              | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 330          | 33                | 50               | 17(CC)              | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 330          | 33                | 50               | 17(CC)              | CC/CV |
| Red                                   | --  | DC24V   | 10       | 155          | 15.5              | 50               | 18(CC)              | CC/CV |
| Green                                 | --  | DC24V   | 10       | 373          | 37.3              | 50               | 17(CC)              | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 70           | 7                 | 50               | 17(CC)              | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 155          | 15.5              | 50               | 18(CC)              | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 150          | 15                | 50               | 17(CC)              | CC/CV |

Note: -The running length is base on Constant Current 24Vdc LED Strip.

-When use the solder free end cap or waterproof connector,the max run length of 10W/M is respectively 10M.

## CCT Tunable PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 172.5        | 34.5              | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 185          | 37                | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 354          | 35.4              | 50               | 5                   | CV    |

## RGB PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 36.3         | 11                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 107.3        | 32.5              | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 23.1         | 7                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 160.0        | 16                | 62.5             | 5                   | CV    |

## RGBW PARAMETER



| CCT(K)                                     | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                          | --  | DC24V   | 2.5      | 22.5         | 9                 | 62.5             | 5                   | CV    |
| G                                          | --  | DC24V   | 2.5      | 80           | 32                | 62.5             | 5                   | CV    |
| B                                          | --  | DC24V   | 2.5      | 20           | 8                 | 62.5             | 5                   | CV    |
| W(2700K±200)                               | ≥80 | DC24V   | 2.5      | 86.25        | 34.5              | 62.5             | 5                   | CV    |
| RGBW                                       | --  | DC24V   | 10       | 200          | 20                | 62.5             | 5                   | CV    |
| CCT(K)                                     | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                          | --  | DC24V   | 2.5      | 22.5         | 9                 | 62.5             | 5                   | CV    |
| G                                          | --  | DC24V   | 2.5      | 80           | 32                | 62.5             | 5                   | CV    |
| B                                          | --  | DC24V   | 2.5      | 20           | 8                 | 62.5             | 5                   | CV    |
| W(3000K±200)                               | ≥80 | DC24V   | 2.5      | 93.75        | 37.5              | 62.5             | 5                   | CV    |
| RGBW                                       | --  | DC24V   | 10       | 220          | 22                | 62.5             | 5                   | CV    |
| CCT(K)                                     | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                          | --  | DC24V   | 2.5      | 32.5         | 9                 | 62.5             | 5                   | CV    |
| G                                          | --  | DC24V   | 2.5      | 135          | 32                | 62.5             | 5                   | CV    |
| B                                          | --  | DC24V   | 2.5      | 31.25        | 8                 | 62.5             | 5                   | CV    |
| WW(4000K <sup>+500</sup> <sub>-200</sub> ) | ≥80 | DC24V   | 2.5      | 168.75       | 40.5              | 62.5             | 5                   | CV    |
| RGBW                                       | --  | DC24V   | 10       | 370          | 22                | 62.5             | 5                   | CV    |
| CCT(K)                                     | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                          | --  | DC24V   | 2.5      | 32.5         | 9                 | 62.5             | 5                   | CV    |
| G                                          | --  | DC24V   | 2.5      | 135          | 32                | 62.5             | 5                   | CV    |
| B                                          | --  | DC24V   | 2.5      | 31.25        | 8                 | 62.5             | 5                   | CV    |
| WW(6500K±500)                              | ≥80 | DC24V   | 2.5      | 140          | 37                | 62.5             | 5                   | CV    |
| RGBW                                       | --  | DC24V   | 10       | 330          | 21                | 62.5             | 5                   | CV    |



Voltage  
24v DC



UV  
Protection



Consistency  
One Bin



Length  
5M

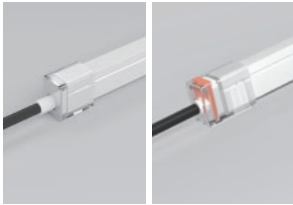
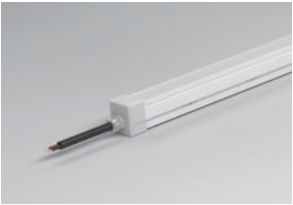
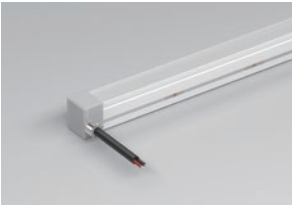


Waterproof  
Grade  
IP 67



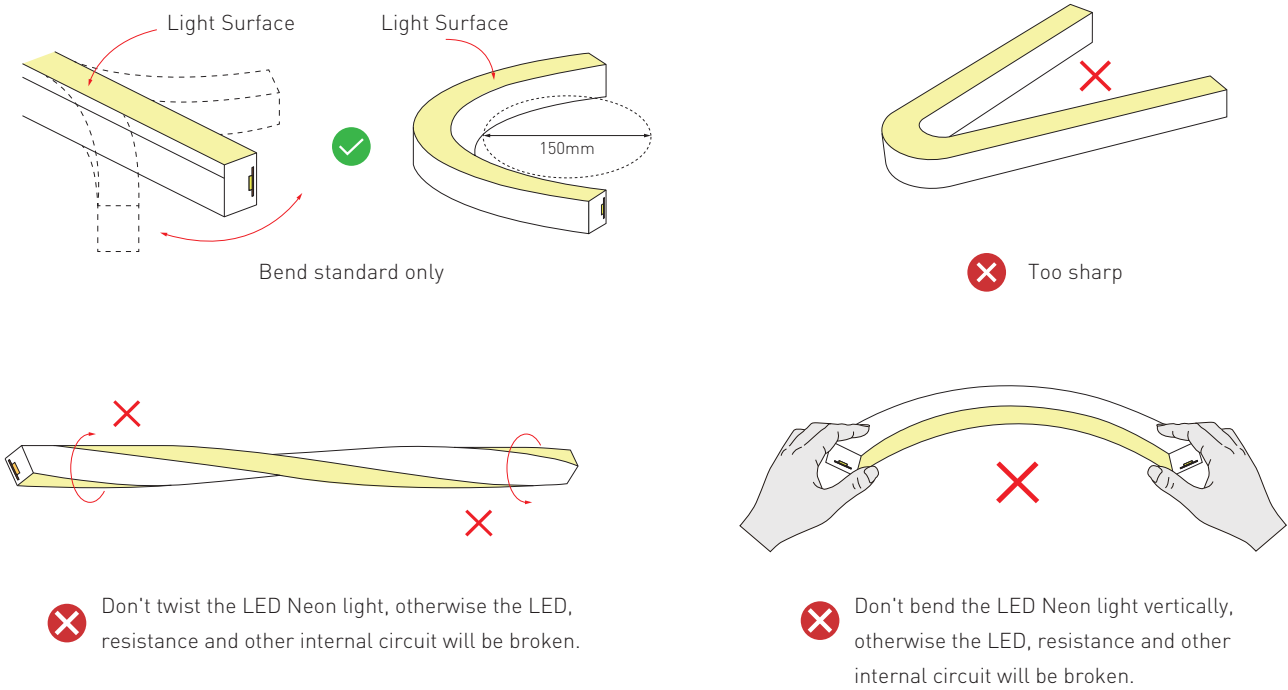
Warranty  
3 Years

## Cable Entry

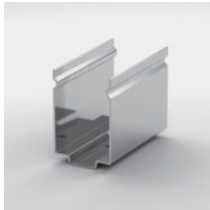
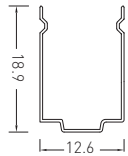
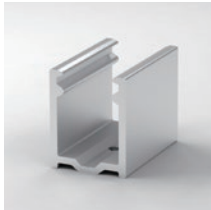
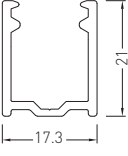
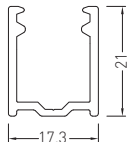
|                                                                                                             | Integral end cap                                                                  | Solder Free End Cap                                                                | Silicone end cap                                                                    |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <p>Front Cable Entry:</p> <p>The cable could be hidden in all directions by the flexible design.</p>        |  |  |  |
| <p>Side Cable Entry:</p> <p>The cable could be perfectly hidden to achieve seamless light connection.</p>   |  |  |  |
| <p>Bottom Cable Entry:</p> <p>The cable could be perfectly hidden to achieve seamless light connection.</p> |  |  |  |

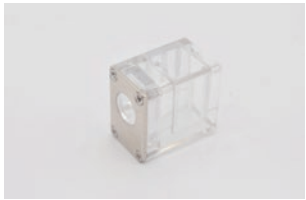
## Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



## Accessories

| Stainless Steel Mounting Clip                                                                                                                                                                                           | Aluminium Mounting clip                                                                                                                                                                                               | Aluminium Profile                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   <p>Dimension:<br/>20x12.6x18.9mm(L x W x H)</p> |   <p>Dimension:<br/>20x17.3x21mm(L x W x H)</p> |   <p>Dimension:<br/>1000x17.3x21mm(L x W x H)</p>                            |
|  <p>PVC Cable<br/>2PIN, 3PIN, 4PIN<br/>Compatible: Combined end cap<br/>Silicone end cap</p>                                         |  <p>Silicone Cable<br/>2PIN, 3PIN, 4PIN, 5PIN<br/>Compatible: Integral end cap</p>                                                 |  <p>Anti-rain connector<br/>Compatible: Integral end cap</p>  <p>Scissor</p> |

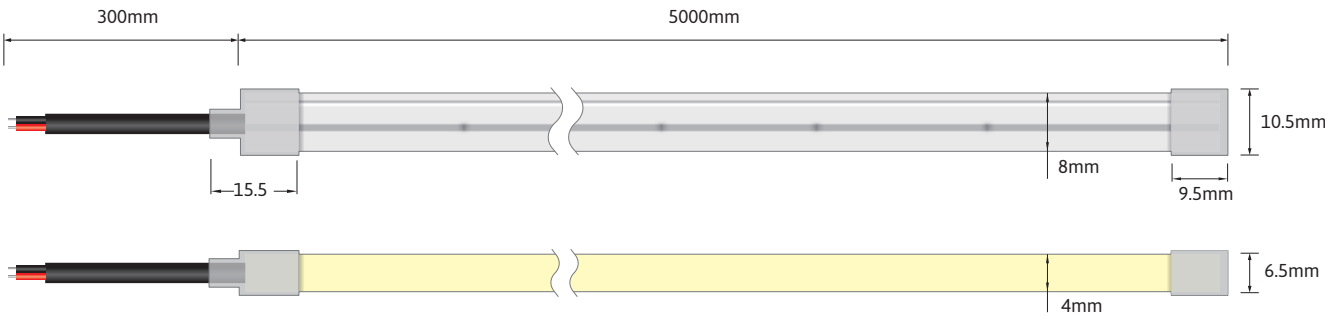
|                                                                                                                                                                                     |                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Silicone closed end cap<br/>Dimension: 13x14.5x22.5mm<br/>Compatible: Silicone end cap</p> |  <p>PC closed end cap<br/>Dimension: 26.5x17x24.2mm<br/>Material: stainless steel<br/>Color: Transparent</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# 0408 Silicone LED Neon Light, Side Bend

- 1). 0608 Flex LED Neon Light, DC24V, Cross section size 4mm\*8mm(W\*H), Horizontal Bending, Min bending diameter: 30mm. Front Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



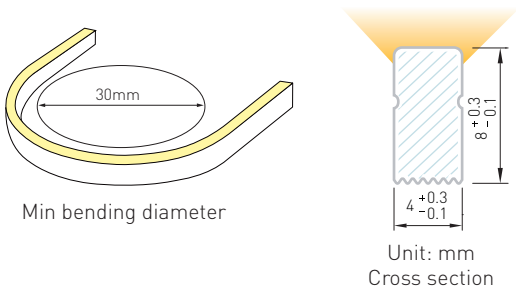
## Dimension



| Technical Data      |                                                          |
|---------------------|----------------------------------------------------------|
| Working Voltage     | DC24V                                                    |
| CRI                 | >90                                                      |
| Rated Power/m       | 6W                                                       |
| Storage Temperature | -25 C ~60 C                                              |
| Ambient Temperature | T <sub>min</sub> = -25 C, T <sub>max</sub> (Table below) |

|                                        |            |
|----------------------------------------|------------|
| LEDNEON 0408                           | Low Output |
| Power(W/m)                             | 6W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       |

- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 65

Warranty

3 Years

## Single color

PARAMETER



| CCT(K)                                | CRI  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|------|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K <sup>+200</sup> <sub>-100</sub> | ≥ 90 | DC24V   | 6        | 199.2        | 33.2              | 25               | 5                   | CV    |
| 2400K <sup>+200</sup> <sub>-100</sub> | ≥ 90 | DC24V   | 6        | 211.8        | 35.3              | 25               | 5                   | CV    |
| 2600K <sup>+200</sup> <sub>-200</sub> | ≥ 90 | DC24V   | 6        | 219          | 36.5              | 25               | 5                   | CV    |
| 3000K <sup>+300</sup> <sub>-200</sub> | ≥ 90 | DC24V   | 6        | 253.2        | 42.2              | 25               | 5                   | CV    |
| 3500K <sup>+400</sup> <sub>-300</sub> | ≥ 90 | DC24V   | 6        | 223.2        | 37.2              | 25               | 5                   | CV    |
| 4200K <sup>+400</sup> <sub>-300</sub> | ≥ 90 | DC24V   | 6        | 214.2        | 35.7              | 25               | 5                   | CV    |
| 5300K <sup>+400</sup> <sub>-300</sub> | ≥ 90 | DC24V   | 6        | 220.8        | 36.8              | 25               | 5                   | CV    |

## Cable Entry

### Integral End Cap(IP44)



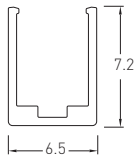
### Silicone end cap(IP65)



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

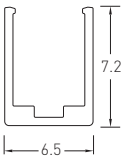
## Accessories

### Aluminium Mounting Clip



Dimension:  
15x6.5x7.2mm(L x W x H)

### Aluminium Profile



Dimension:  
1000x6.5x7.2mm(L x W x H)



2 PIN grey/white wire



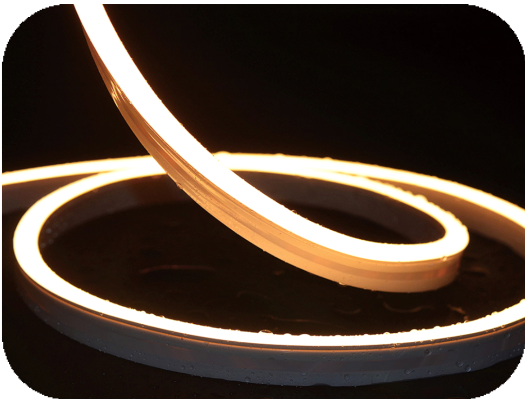
Silicone closed end cap  
Dimension: 9.5x6.5x10.5mm (LxWxH)  
Color: Semi-Transparent



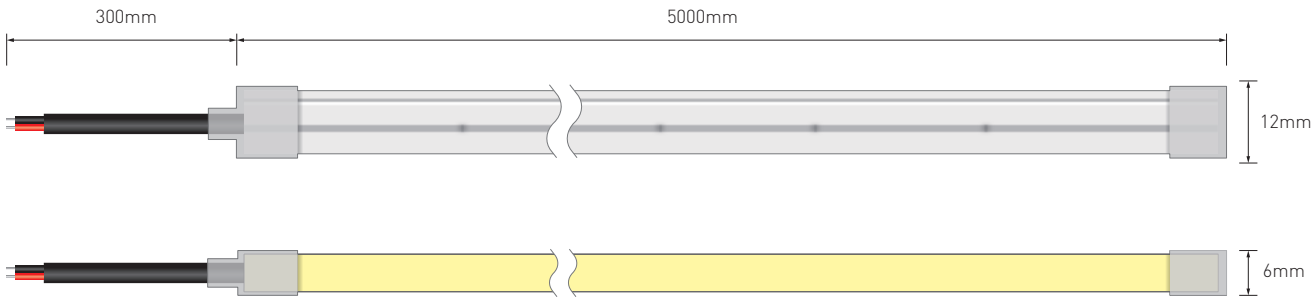
Scissor  
Material: stainless steel

0612 Silicone LED Neon Light, Side Bend

- 1). 0612 Flex LED Neon Light, DC24V, Cross section size 6mm\*12mm(W\*H), Horizontal Bending, Min bending diameter: 50mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



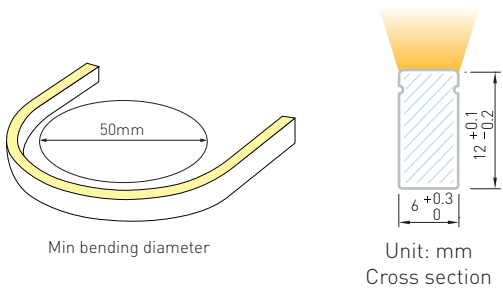
Dimension



| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 5w/10w                                                      |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | T <sub>amin</sub> = -25 C , T <sub>amax</sub> (Table below) |

| LEDNEON 0612                            | Low Output | Std Output |
|-----------------------------------------|------------|------------|
| Power(W/m)                              | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>amax</sub> ) | 55 C       | 45 C       |

- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

Single color

PARAMETER



| CCT(K)                                | CRI  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|------|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥ 90 | DC24V   | 10       | 250          | 25                | 50               | 13 (CC)             | CC/CV |
| 2400K±150                             | ≥ 90 | DC24V   | 10       | 310          | 31                | 50               | 13 (CC)             | CC/CV |
| 2700K±150                             | ≥ 90 | DC24V   | 10       | 350          | 35                | 50               | 13 (CC)             | CC/CV |
| 3000K±150                             | ≥ 90 | DC24V   | 10       | 300          | 30                | 50               | 13 (CC)             | CC/CV |
| 3500K±200                             | ≥ 90 | DC24V   | 10       | 330          | 33                | 50               | 13 (CC)             | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥ 90 | DC24V   | 10       | 360          | 36                | 50               | 13 (CC)             | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥ 90 | DC24V   | 10       | 360          | 36                | 50               | 13 (CC)             | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥ 90 | DC24V   | 10       | 360          | 36                | 50               | 13 (CC)             | CC/CV |
| Red                                   | --   | DC24V   | 10       | 160          | 16                | 50               | 17 (CC)             | CC/CV |
| Green                                 | --   | DC24V   | 10       | 400          | 40                | 50               | 13 (CC)             | CC/CV |
| Blue                                  | --   | DC24V   | 10       | 50           | 5                 | 50               | 13 (CC)             | CC/CV |
| Yellow                                | --   | DC24V   | 10       | 125          | 12.5              | 50               | 17 (CC)             | CC/CV |
| Pink                                  | --   | DC24V   | 10       | 145          | 14.5              | 50               | 13 (CC)             | CC/CV |

CCT Tunable

PARAMETER



| CCT(K) | CRI  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|------|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥ 90 | DC24V   | 5        | 125          | 25                | 50               | 5                   | CV    |
| W      | ≥ 90 | DC24V   | 5        | 175          | 35                | 50               | 5                   | CV    |
| W+WW   | ≥ 90 | DC24V   | 10       | 270          | 27                | 50               | 5                   | CV    |

RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 23.1         | 7                 | 50               | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 52.8         | 16                | 50               | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 11.55        | 3.5               | 50               | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 130          | 13                | 50               | 5                   | CV    |

Cable Entry

Silicone end cap



Front Cable Entry  
The cable could be hidden in all directions by the flexible design.



Side Cable Entry  
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless

Integral end cap (IP44)



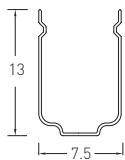
Front Cable Entry  
The cable could be hidden in all directions by the flexible design.

Accessories

Stainless Steel Mounting clips



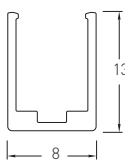
Dimension:  
15x7.5x13mm(L x W x H)



Aluminium Mounting clips



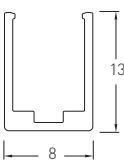
Dimension:  
20x8x13mm(L x W x H)



Aluminium Profile



Dimension:  
1000x8x13mm(L x W x H)

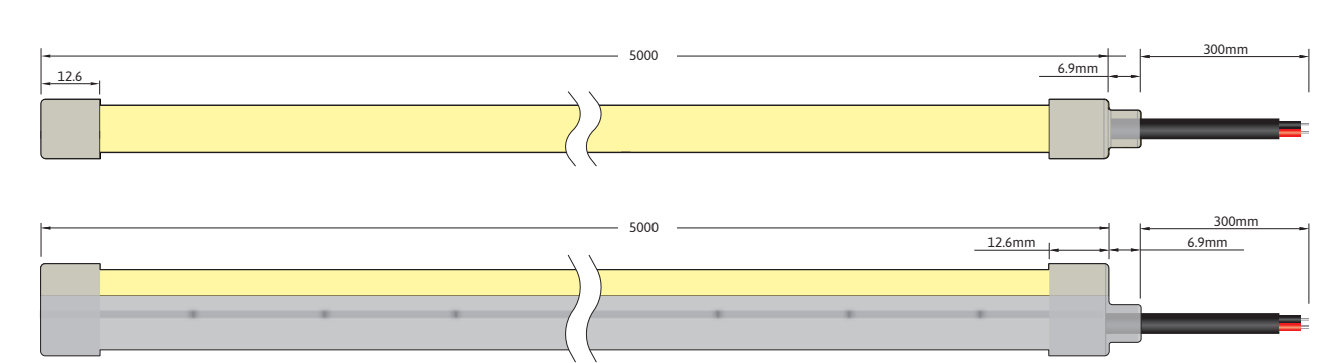


# 0817 Silicone LED Neon Light, Side Bend

- 1). 0817 Flex LED Neon Light, DC24V, Cross section size 8mm\*17mm(W\*H), Horizontal Bending, Min bending diameter: 100mm. Front Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

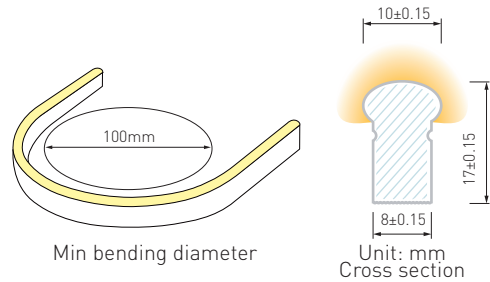


## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 5w/10w                                                    |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> (Table below) |

| LEDNEON 0817                           | Low Output | Std Output |
|----------------------------------------|------------|------------|
| Power(W/m)                             | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       |



- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 67

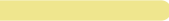


Warranty

3 Years

## Single color

PARAMETER



| CCT(K)          | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150       | ≥90 | DC24V   | 10       | 270          | 27                | 50               | 13 (CC)             | CC/CV |
| 2400K±150       | ≥90 | DC24V   | 10       | 285          | 28.5              | 50               | 13 (CC)             | CC/CV |
| 2700K±150       | ≥90 | DC24V   | 10       | 310          | 31                | 50               | 13 (CC)             | CC/CV |
| 3000K±150       | ≥90 | DC24V   | 10       | 310          | 31                | 50               | 13 (CC)             | CC/CV |
| 3500K±200       | ≥90 | DC24V   | 10       | 320          | 32                | 50               | 13 (CC)             | CC/CV |
| 4000K +400 -200 | ≥90 | DC24V   | 10       | 340          | 34                | 50               | 13 (CC)             | CC/CV |
| 5000K +500 -300 | ≥90 | DC24V   | 10       | 345          | 34.5              | 50               | 13 (CC)             | CC/CV |
| 6500K +200 -600 | ≥90 | DC24V   | 10       | 320          | 32                | 50               | 13 (CC)             | CC/CV |
| Red             | --  | DC24V   | 10       | 150          | 15                | 50               | 17 (CC)             | CC/CV |
| Green           | --  | DC24V   | 10       | 360          | 36                | 50               | 13 (CC)             | CC/CV |
| Blue            | --  | DC24V   | 10       | 70           | 7                 | 50               | 13 (CC)             | CC/CV |
| Yellow          | --  | DC24V   | 10       | 120          | 12                | 50               | 17 (CC)             | CC/CV |
| Pink            | --  | DC24V   | 10       | 150          | 15                | 50               | 13 (CC)             | CC/CV |

## CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 170          | 34                | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 172.5        | 34.5              | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 330          | 33                | 50               | 5                   | CV    |

## RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 36.3         | 11                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 92.4         | 28                | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 16.5         | 5                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 145          | 14.5              | 62.5             | 5                   | CV    |

## Cable Entry

### Solder Free End Cap



### Silicone end cap



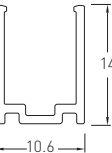
Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

## Accessories

### Aluminium Mounting Clip



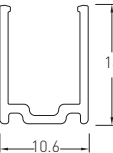
Dimension:  
20x10.6x14mm(L x W x H)



### Aluminium Profile

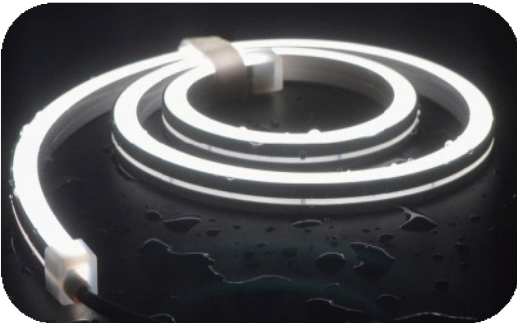


Dimension:  
1000x10.6x14mm(L x W x H)

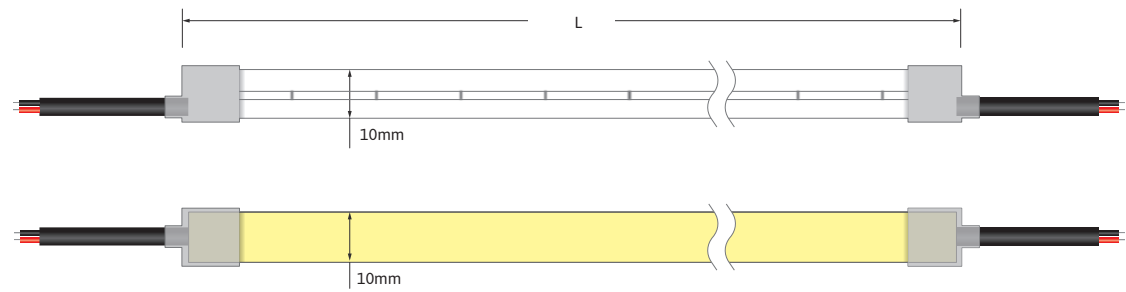


# 1010 Silicone LED Neon Light, Side Bend

- 1). 1010 Flex LED Neon Light, DC24V, Cross section size 10mm\*10mm(W\*H), Horizontal Bending, Min bending diameter: 100mm. Front Cable Entry Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension

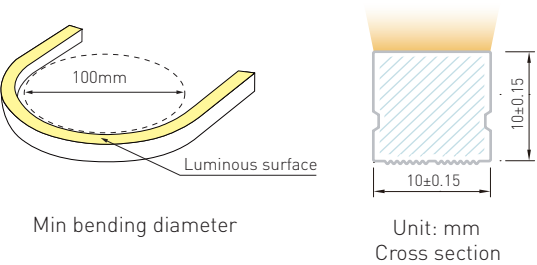


| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 5w/10w                                                      |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | T <sub>amin</sub> = -25 C , T <sub>amax</sub> (Table below) |

| LEDNEON 1212                            | Low Output | STD output |
|-----------------------------------------|------------|------------|
| Power(W/m)                              | 5W         | 10W        |
| Max. Ambient tempt.(T <sub>amax</sub> ) | 55 C       | 45 C       |

### Note:

- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Min bending diameter

Unit: mm  
Cross section

Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof  
Grade  
IP 67

Warranty  
3 Years

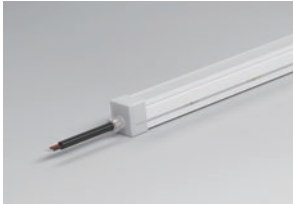
## Single color PARAMETER



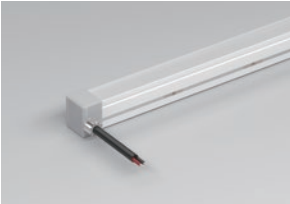
| CCT(K)                                  | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                               | ≥90 | DC24V   | 10       | 530          | 53                | 35.7             | 5                   | CV    |
| 2400K±150                               | ≥90 | DC24V   | 10       | 560          | 56                | 35.7             | 5                   | CV    |
| 2700K±150                               | ≥90 | DC24V   | 10       | 570          | 57                | 35.7             | 5                   | CV    |
| 3000K±150                               | ≥90 | DC24V   | 10       | 620          | 62                | 35.7             | 5                   | CV    |
| 3500K±200                               | ≥90 | DC24V   | 10       | 590          | 59                | 35.7             | 5                   | CV    |
| 4000K <sup>+400</sup> / <sub>-200</sub> | ≥90 | DC24V   | 10       | 660          | 66                | 35.7             | 5                   | CV    |
| 5000K <sup>+500</sup> / <sub>-300</sub> | ≥90 | DC24V   | 10       | 670          | 67                | 35.7             | 5                   | CV    |
| 6500K <sup>+200</sup> / <sub>-600</sub> | ≥90 | DC24V   | 10       | 690          | 69                | 35.7             | 5                   | CV    |
| Red                                     | --  | DC24V   | 10       | 270          | 27                | 35.7             | 5                   | CV    |
| Green                                   | --  | DC24V   | 10       | 540          | 54                | 35.7             | 5                   | CV    |
| Blue                                    | --  | DC24V   | 10       | 130          | 13                | 35.7             | 5                   | CV    |
| Yellow                                  | --  | DC24V   | 10       | 260          | 26                | 35.7             | 5                   | CV    |
| Pink                                    | --  | DC24V   | 10       | 450          | 45                | 35.7             | 5                   | CV    |

## Cable Entry

### Silicone end cap



Front Cable Entry  
The cable could be hidden in all directions by the flexible design.



Side Cable Entry  
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry  
The cable could be perfectly hidden to achieve seamless

## Accessories

### Stainless Steel Mounting clips



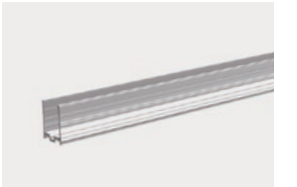
Dimension:  
8X7.6X11.6mm

### Aluminium Profile



Dimension:  
1000(±5)x12.4x13mm

### transparent plastic groove



Dimension:  
1000(±5)x12x14.3mm



PVC Cable  
2PIN  
Color: Black



Silicone closed end cap  
Dimension: 12x12mm (WxH)  
Color: Semi-Transparent



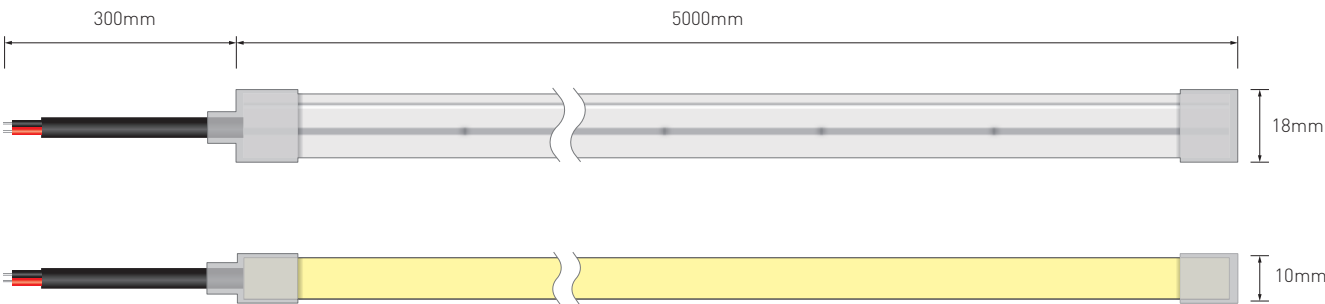
Scissor  
Material: stainless steel

# 1018 Silicone LED Neon Light, Side Bend

- 1). 1018 Flex LED Neon Light, DC24V, Cross section size 10mm\*18mm(W\*H), Horizontal Bending, Min bending diameter: 200mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



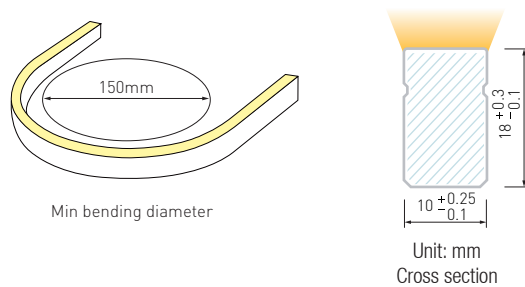
## Dimension



| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 5w/10w/15w                                                  |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | Ta <sub>min</sub> = -25 C , Ta <sub>max</sub> (Table below) |

| LEDNEON 1018               | Low Output | Std Output | High Output |
|----------------------------|------------|------------|-------------|
| Power(W/m)                 | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(Tamax) | 55 C       | 45 C       | 35 C        |

- Note:
- When ambient temperature reaches 55 C, the power is suggested to be 5W/M.
  - Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

## Single color

### PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 275          | 27.5              | 50               | 17(CC)              | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 275          | 27.5              | 50               | 17(CC)              | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 315          | 31.5              | 50               | 17(CC)              | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 330          | 33                | 50               | 17(CC)              | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 330          | 33                | 50               | 17(CC)              | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 355          | 35.5              | 50               | 17(CC)              | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 350          | 35                | 50               | 17(CC)              | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 355          | 35.5              | 50               | 17(CC)              | CC/CV |
| Red                                   | --  | DC24V   | 10       | 145          | 14.5              | 50               | 18(CC)              | CC/CV |
| Green                                 | --  | DC24V   | 10       | 370          | 37                | 50               | 17(CC)              | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 65           | 6.5               | 50               | 17(CC)              | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 145          | 14.5              | 50               | 18(CC)              | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 150          | 15                | 50               | 17(CC)              | CC/CV |

## CCT Tunable

### PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 162.5        | 32.5              | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 175          | 35                | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 340          | 34                | 50               | 5                   | CV    |

## RGB

### PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 36.3         | 11                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 99           | 30                | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 19.8         | 6                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 150          | 15                | 62.5             | 5                   | CV    |

## Cable Entry



Silicone end cap  
Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.



Silicone end cap  
Side Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

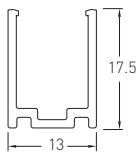


Silicone end cap  
Bottom Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

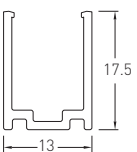
## Accessories



Aluminium Mounting clips  
Dimension:  
20x13x17.5mm(L x W x H)



Aluminium Profile  
Dimension:  
1000x13x17.5mm(L x W x H)

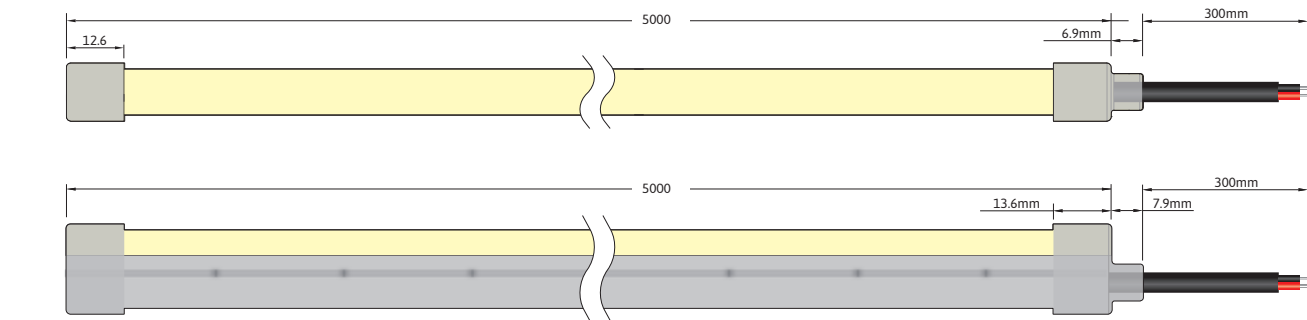


# 1023 Silicone LED Neon Light, Side Bend

- 1). 1023 Flex LED Neon Light, DC24V, Cross section size 10mm\*23mm(W\*H), Horizontal Bending, Min bending diameter: 150mm. Front Cable Entry, IP67.
- 2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

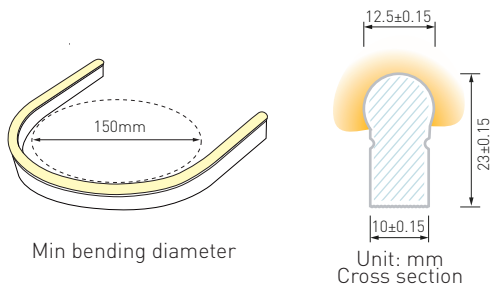


## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 5w/10w/15w                                                |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> (Table below) |

| LEDNEON 1023                           | Low Output | Std Output | High Output |
|----------------------------------------|------------|------------|-------------|
| Power(W/m)                             | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |



- Note:
- When ambient temperature reaches 55°C, the power is suggested to be 5W/M.
  - Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 67

Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 310          | 31                | 50               | 17 (CC)             | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 320          | 32                | 50               | 17 (CC)             | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 350          | 35                | 50               | 17 (CC)             | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 350          | 35                | 50               | 17 (CC)             | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 380          | 38                | 50               | 17 (CC)             | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 390          | 39                | 50               | 17 (CC)             | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 380          | 38                | 50               | 17 (CC)             | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 350          | 35                | 50               | 17 (CC)             | CC/CV |
| Red                                   | --  | DC24V   | 10       | 150          | 15                | 50               | 18 (CC)             | CC/CV |
| Green                                 | --  | DC24V   | 10       | 405          | 40.5              | 50               | 17 (CC)             | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 75           | 7.5               | 50               | 17 (CC)             | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 125          | 12.5              | 50               | 18 (CC)             | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 160          | 16                | 50               | 17 (CC)             | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 180          | 36                | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 190          | 38                | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 360          | 36                | 50               | 5                   | CV    |

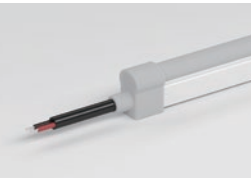
### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 33           | 10                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 97.35        | 29.5              | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 19.8         | 6                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 145          | 14.5              | 62.5             | 5                   | CV    |

## Cable Entry



Silicone end cap

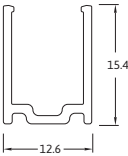
Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

## Accessories

### Aluminium Mounting clips



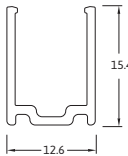
Dimension:  
20x12.6x15.4mm(L x W x H)



### Aluminium Profile



Dimension:  
1000x12.6x15.4mm(L x W x H)



# 1225 Silicone LED Neon Light, Side Bend

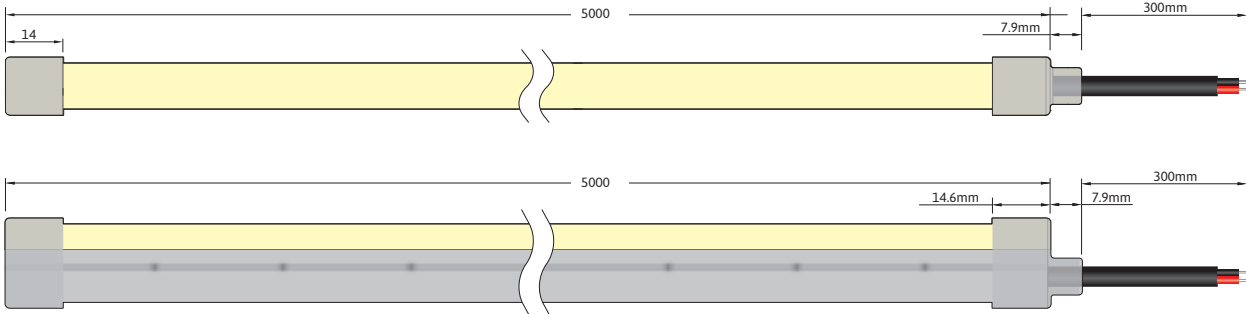
1). 1225 Flex LED Neon Light, DC24V, Cross section size 12mm\*25mm(W\*H), Horizontal Bending, Min bending diameter: 150mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension



| Technical Data      |                                                          |
|---------------------|----------------------------------------------------------|
| Working Voltage     | DC24V                                                    |
| CRI                 | >90                                                      |
| Rated Power/m       | 5w/10w/15w                                               |
| Storage Temperature | -25 C ~60 C                                              |
| Ambient Temperature | T <sub>min</sub> = -25 C, T <sub>max</sub> (Table below) |

| LEDNEON 1225                                        | Low Output | Std Output | High Output |
|-----------------------------------------------------|------------|------------|-------------|
| Power(W/m)                                          | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(T <sub>a</sub> <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |

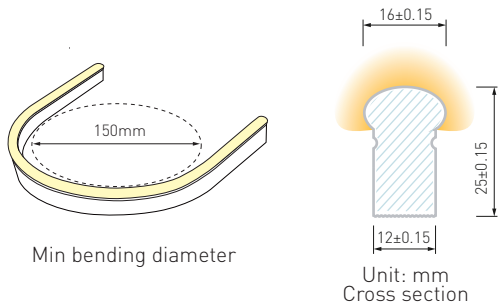
Note:

-When ambient temperature reaches 55°C, the power is suggested to be 5W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.



Min bending diameter

Unit: mm  
Cross section

Voltage  
**24v DC**

UV  
**Protection**

Consistency  
**One Bin**

Length  
**5M**

Waterproof  
Grade  
**IP 67**

Warranty  
**3 Years**

### Single color PARAMETER



### CCT Tunable PARAMETER



### RGB

#### PARAMETER



### RGBW

#### PARAMETER



| CCT(K)                         | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                      | ≥90 | DC24V   | 10       | 240          | 24                | 50               | 17(CC)              | CC/CV |
| 2400K±150                      | ≥90 | DC24V   | 10       | 270          | 27                | 50               | 17(CC)              | CC/CV |
| 2700K±150                      | ≥90 | DC24V   | 10       | 290          | 29                | 50               | 17(CC)              | CC/CV |
| 3000K±150                      | ≥90 | DC24V   | 10       | 290          | 29                | 50               | 17(CC)              | CC/CV |
| 3500K±200                      | ≥90 | DC24V   | 10       | 305          | 30.5              | 50               | 17(CC)              | CC/CV |
| 4000K <sup>+400<br/>-200</sup> | ≥90 | DC24V   | 10       | 320          | 32                | 50               | 17(CC)              | CC/CV |
| 5000K <sup>+500<br/>-300</sup> | ≥90 | DC24V   | 10       | 300          | 30                | 50               | 17(CC)              | CC/CV |
| 6500K <sup>+200<br/>-600</sup> | ≥90 | DC24V   | 10       | 315          | 31.5              | 50               | 17(CC)              | CC/CV |
| Red                            | --  | DC24V   | 10       | 125          | 12.5              | 50               | 18(CC)              | CC/CV |
| Green                          | --  | DC24V   | 10       | 340          | 34                | 50               | 17(CC)              | CC/CV |
| Blue                           | --  | DC24V   | 10       | 60           | 6                 | 50               | 17(CC)              | CC/CV |
| Yellow                         | --  | DC24V   | 10       | 105          | 10.5              | 50               | 18(CC)              | CC/CV |
| Pink                           | --  | DC24V   | 10       | 135          | 13.5              | 50               | 17(CC)              | CC/CV |

| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 150          | 30                | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 157.5        | 31.5              | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 295          | 29.5              | 50               | 5                   | CV    |

| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 29.7         | 9                 | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 85.8         | 26                | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 16.5         | 5                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 135          | 13.5              | 62.5             | 5                   | CV    |

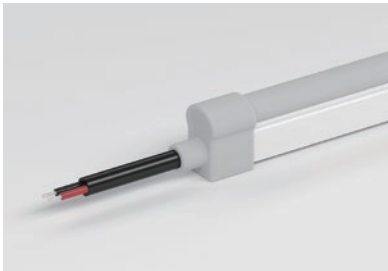
| CCT(K)       | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R            | --  | DC24V   | 2.5      | 15           | 6                 | 62.5             | 5                   | CV    |
| G            | --  | DC24V   | 2.5      | 67.5         | 27                | 62.5             | 5                   | CV    |
| B            | --  | DC24V   | 2.5      | 12.5         | 5                 | 62.5             | 5                   | CV    |
| W(2700K±200) | ≥80 | DC24V   | 2.5      | 70           | 28                | 62.5             | 5                   | CV    |
| RGBW         | --  | DC24V   | 10       | 160          | 16                | 62.5             | 5                   | CV    |

| CCT(K)       | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R            | --  | DC24V   | 2.5      | 15           | 6                 | 62.5             | 5                   | CV    |
| G            | --  | DC24V   | 2.5      | 67.5         | 27                | 62.5             | 5                   | CV    |
| B            | --  | DC24V   | 2.5      | 12.5         | 5                 | 62.5             | 5                   | CV    |
| W(3000K±200) | ≥80 | DC24V   | 2.5      | 75           | 30                | 62.5             | 5                   | CV    |
| RGBW         | --  | DC24V   | 10       | 180          | 18                | 62.5             | 5                   | CV    |

| CCT(K)                             | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                  | --  | DC24V   | 2.5      | 15           | 6                 | 62.5             | 5                   | CV    |
| G                                  | --  | DC24V   | 2.5      | 67.5         | 27                | 62.5             | 5                   | CV    |
| B                                  | --  | DC24V   | 2.5      | 12.5         | 5                 | 62.5             | 5                   | CV    |
| W(4000K <sup>+500<br/>-200</sup> ) | ≥80 | DC24V   | 2.5      | 77.5         | 31                | 62.5             | 5                   | CV    |
| RGBW                               | --  | DC24V   | 10       | 185          | 18.5              | 62.5             | 5                   | CV    |

| CCT(K)       | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R            | --  | DC24V   | 2.5      | 15           | 6                 | 62.5             | 5                   | CV    |
| G            | --  | DC24V   | 2.5      | 67.5         | 27                | 62.5             | 5                   | CV    |
| B            | --  | DC24V   | 2.5      | 12.5         | 5                 | 62.5             | 5                   | CV    |
| W(6500K±500) | ≥80 | DC24V   | 2.5      | 83.75        | 33.5              | 62.5             | 5                   | CV    |
| RGBW         | --  | DC24V   | 10       | 185          | 18.5              | 62.5             | 5                   | CV    |

### Cable Entry



Silicone end cap

Front Cable Entry:

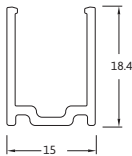
The cable could be hidden in all directions by the flexible design.

### Accessories

Aluminium Mounting Clip



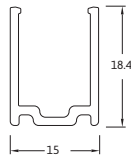
Dimension:  
20x15x18.4mm(L x W x H)



Aluminium Profile



Dimension:  
1000x15x18.4mm(L x W x H)



PVC Cable  
2PIN, 3PIN, 4PIN  
Color: Black



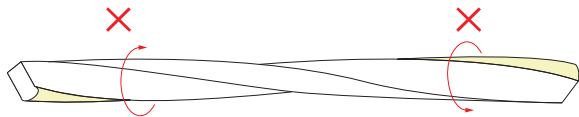
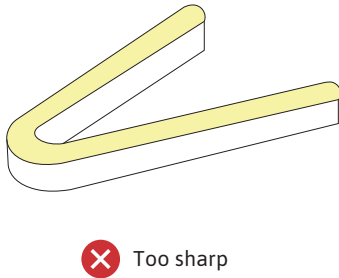
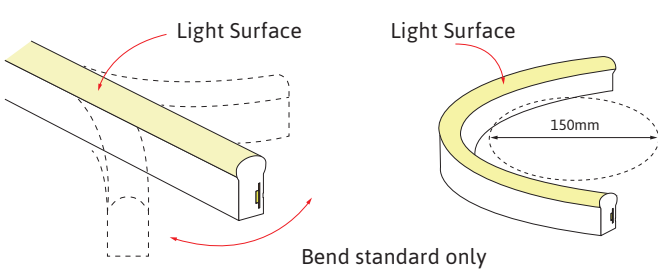
Silicone closed end cap  
Dimension: 14x14.5x27.5mm (LXWxH)  
Color: Semi-Transparent



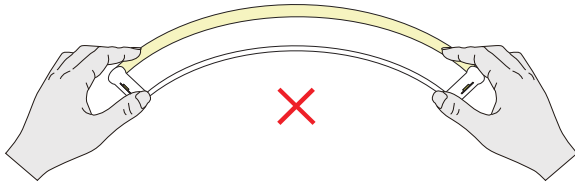
Scissor  
Material: stainless steel

### Operation Guidance

The LED neon Flex can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



✗ Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



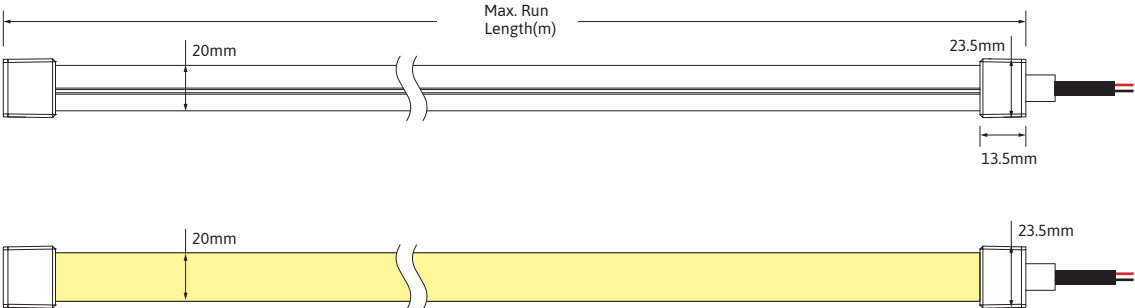
✗ Don't bend the LED Neon light horizontally, otherwise the LED, resistance and other internal circuit will be broken.

# 2020 Silicone LED Neon Light, Side Bend

- 1). 2020 Flex LED Neon Light, DC24V, Cross section size 20mm\*20mm(W\*H), Horizontal Bending, Min bending diameter: 200mm. Front Cable Entry, IP67.
- 2). Unique end cap design, quickly and easily installed to meet different lengths requirement, without welding wires and without waterproof processing.
- 3). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 4). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

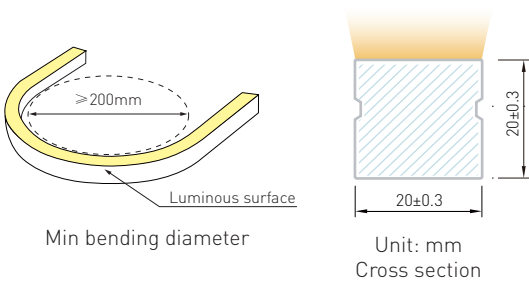


## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 5w/10w/15w                                                |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> (Table below) |

| LEDNEON 3020                           | Low Output | Std Output | High Output |
|----------------------------------------|------------|------------|-------------|
| Power(W/m)                             | 5W         | 10W        | 15W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |



- Note :**
- When ambient temperature reaches 55 °C, the power is suggested to be 16W/M.
  - Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof

Grade

IP 67

Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2100K±150                             | ≥90 | DC24V   | 10       | 380          | 38                | 50               | 17(CC)              | CC/CV |
| 2400K±150                             | ≥90 | DC24V   | 10       | 450          | 45                | 50               | 17(CC)              | CC/CV |
| 2700K±150                             | ≥90 | DC24V   | 10       | 460          | 46                | 50               | 17(CC)              | CC/CV |
| 3000K±150                             | ≥90 | DC24V   | 10       | 430          | 43                | 50               | 17(CC)              | CC/CV |
| 3500K±200                             | ≥90 | DC24V   | 10       | 480          | 48                | 50               | 17(CC)              | CC/CV |
| 4000K <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 470          | 47                | 50               | 17(CC)              | CC/CV |
| 5000K <sup>+500</sup> <sub>-300</sub> | ≥90 | DC24V   | 10       | 470          | 47                | 50               | 17(CC)              | CC/CV |
| 6500K <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 10       | 460          | 46                | 50               | 17(CC)              | CC/CV |
| Red                                   | --  | DC24V   | 10       | 220          | 22                | 50               | 18(CC)              | CC/CV |
| Green                                 | --  | DC24V   | 10       | 350          | 35                | 50               | 17(CC)              | CC/CV |
| Blue                                  | --  | DC24V   | 10       | 100          | 10                | 50               | 17(CC)              | CC/CV |
| Yellow                                | --  | DC24V   | 10       | 210          | 21                | 50               | 18(CC)              | CC/CV |
| Pink                                  | --  | DC24V   | 10       | 340          | 34                | 50               | 17(CC)              | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 250          | 50                | 50               | 5                   | CV    |
| W      | ≥90 | DC24V   | 5        | 255          | 51                | 50               | 5                   | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 490          | 49                | 50               | 5                   | CV    |

### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 3.3      | 59.4         | 18                | 62.5             | 5                   | CV    |
| G      | --  | DC24V   | 3.3      | 128.7        | 39                | 62.5             | 5                   | CV    |
| B      | --  | DC24V   | 3.3      | 23.1         | 7                 | 62.5             | 5                   | CV    |
| RGB    | --  | DC24V   | 10       | 210          | 21                | 62.5             | 5                   | CV    |

### RGBW

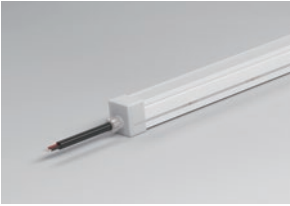
PARAMETER



| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-------------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                         | --  | DC24V   | 2.5      | 35           | 14                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 97.5         | 39                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 30           | 12                | 62.5             | 5                   | CV    |
| W(2700K±200)                              | ≥80 | DC24V   | 2.5      | 122.5        | 49                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 290          | 29                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 35           | 14                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 97.5         | 39                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 30           | 12                | 62.5             | 5                   | CV    |
| W(3000K±200)                              | ≥80 | DC24V   | 2.5      | 130          | 52                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 290          | 29                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 35           | 14                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 97.5         | 39                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 30           | 12                | 62.5             | 5                   | CV    |
| W(4000K <sup>+500</sup> <sub>-200</sub> ) | ≥80 | DC24V   | 2.5      | 125          | 50                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 280          | 28                | 62.5             | 5                   | CV    |
| CCT(K)                                    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R                                         | --  | DC24V   | 2.5      | 35           | 14                | 62.5             | 5                   | CV    |
| G                                         | --  | DC24V   | 2.5      | 97.5         | 39                | 62.5             | 5                   | CV    |
| B                                         | --  | DC24V   | 2.5      | 30           | 12                | 62.5             | 5                   | CV    |
| W(6500K±500)                              | ≥80 | DC24V   | 2.5      | 135          | 54                | 62.5             | 5                   | CV    |
| RGBW                                      | --  | DC24V   | 10       | 310          | 31                | 62.5             | 5                   | CV    |

Cable Entry

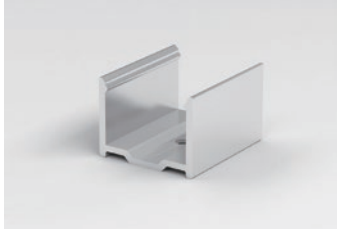
Silicone end cap



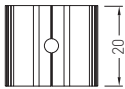
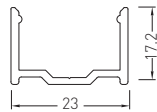
Front Cable Entry  
The cable could be hidden in all directions by the flexible design.

Accessories

Aluminium Mounting clips



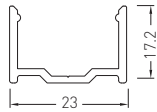
Dimension:  
20x23x17.2mm



Aluminium Profile

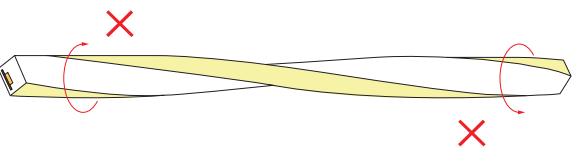
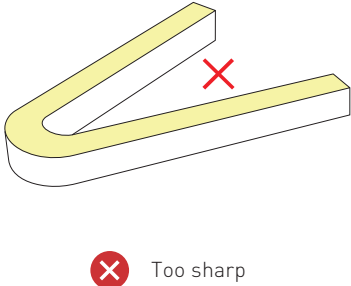
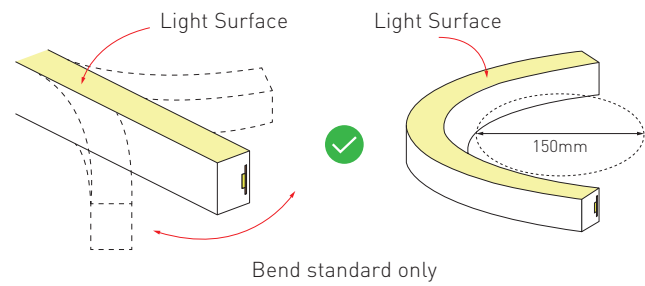


Dimension:  
1000(±5)x23x17.2mm

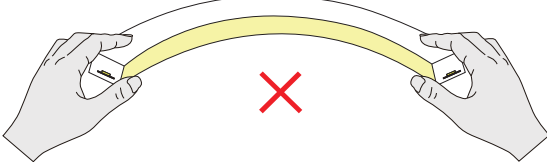


Operation Guidance

The LED neon strip can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken.



Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken.

# 3032 Silicone LED Neon Light, Side Bend

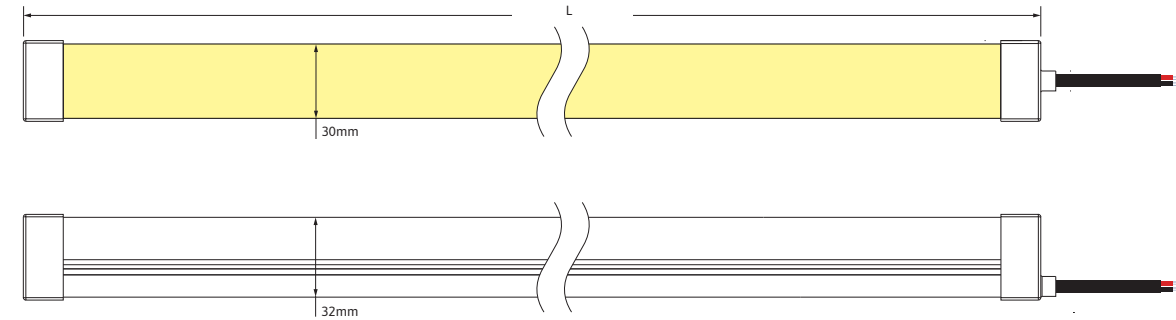
1). 3032 Flex LED Neon Light, DC24V, Cross section size 30mm\*32mm(W\*H), Horizontal Bending, Min bending diameter: 500mm. Front Cable Entry, IP67.

2). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.

3). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

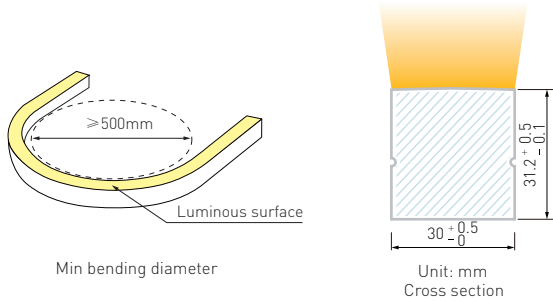


## Dimension



| Technical Data      |                                                           |
|---------------------|-----------------------------------------------------------|
| Working Voltage     | DC24V                                                     |
| CRI                 | >90                                                       |
| Rated Power/m       | 16w/20w/24w                                               |
| Storage Temperature | -25 C ~60 C                                               |
| Ambient Temperature | T <sub>min</sub> = -25 C , T <sub>max</sub> (Table below) |

| LEDNEON 3020                           | Low Output | Std Output | High Output |
|----------------------------------------|------------|------------|-------------|
| Power(W/m)                             | 16W        | 20W        | 24W         |
| Max. Ambient tempt.(T <sub>max</sub> ) | 55 C       | 45 C       | 35 C        |



### Note:

-When ambient temperature reaches 55℃, the power is suggested to be 16W/M.

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 67



Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                               | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700±150                             | ≥90 | DC24V   | 15       | 645          | 43                | 50               | 12 (CC)             | CC/CV |
| 3000±150                             | ≥90 | DC24V   | 15       | 660          | 44                | 50               | 12 (CC)             | CC/CV |
| 4000 <sup>+400</sup> <sub>-200</sub> | ≥90 | DC24V   | 15       | 743          | 49.5              | 50               | 12 (CC)             | CC/CV |
| 6500 <sup>+200</sup> <sub>-600</sub> | ≥90 | DC24V   | 15       | 666          | 44.4              | 50               | 12 (CC)             | CC/CV |
| Red                                  | --  | DC24V   | 15       | 284          | 18.9              | 50               | 12 (CC)             | CC/CV |
| Green                                | --  | DC24V   | 15       | 632          | 42.1              | 50               | 12 (CC)             | CC/CV |
| Blue                                 | --  | DC24V   | 15       | 149          | 9.9               | 50               | 12 (CC)             | CC/CV |
| Yellow                               | --  | DC24V   | 15       | 195          | 13                | 50               | 12 (CC)             | CC/CV |
| Orange                               | --  | DC24V   | 15       | 273          | 18.2              | 50               | 12 (CC)             | CC/CV |
| Pink                                 | --  | DC24V   | 15       | 581          | 38.7              | 50               | 12 (CC)             | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700±150  | ≥90 | DC24V   | 7.5      | 314          | 41.9              | 62.5             | 5                   | CV    |
| 6500±500  | ≥90 | DC24V   | 7.5      | 341          | 45.4              | 62.5             | 5                   | CV    |
| 2700+6500 | ≥90 | DC24V   | 15       | 650          | 43.3              | 62.5             | 5                   | CV    |

### RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | --  | DC24V   | 5        | 75           | 14.9              | 83.3             | 5                   | CV    |
| G      | --  | DC24V   | 5        | 275          | 54.9              | 83.3             | 5                   | CV    |
| B      | --  | DC24V   | 5        | 48           | 9.6               | 83.3             | 5                   | CV    |
| RGB    | --  | DC24V   | 15       | 375          | 25                | 83.3             | 5                   | CV    |

### RGBW

PARAMETER



| CCT(K)   | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R        | --  | DC24V   | 3.8      | 63           | 16.7              | 83.3             | 5                   | CV    |
| G        | --  | DC24V   | 3.8      | 226          | 59.5              | 83.3             | 5                   | CV    |
| B        | --  | DC24V   | 3.8      | 48           | 12.5              | 83.3             | 5                   | CV    |
| 2700±150 | >90 | DC24V   | 3.8      | 197          | 51.9              | 83.3             | 5                   | CV    |
| RGBW     | --  | DC24V   | 15       | 516          | 34.4              | 83.3             | 5                   | CV    |
| CCT(K)   | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R        | --  | DC24V   | 3.8      | 64           | 16.9              | 83.3             | 5                   | CV    |
| G        | --  | DC24V   | 3.8      | 225          | 59.1              | 83.3             | 5                   | CV    |
| B        | --  | DC24V   | 3.8      | 43           | 11.4              | 83.3             | 5                   | CV    |
| 3000±150 | >90 | DC24V   | 3.8      | 199          | 52.4              | 83.3             | 5                   | CV    |
| RGBW     | --  | DC24V   | 15       | 518          | 34.5              | 83.3             | 5                   | CV    |
| CCT(K)   | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R        | --  | DC24V   | 3.8      | 68           | 17.9              | 83.3             | 5                   | CV    |
| G        | --  | DC24V   | 3.8      | 232          | 61.1              | 83.3             | 5                   | CV    |
| B        | --  | DC24V   | 3.8      | 51           | 13.4              | 83.3             | 5                   | CV    |
| 4000±300 | >90 | DC24V   | 3.8      | 220          | 57.8              | 83.3             | 5                   | CV    |
| RGBW     | --  | DC24V   | 15       | 542          | 36.1              | 83.3             | 5                   | CV    |
| CCT(K)   | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
| R        | --  | DC24V   | 3.8      | 65           | 17                | 83.3             | 5                   | CV    |
| G        | --  | DC24V   | 3.8      | 225          | 59.3              | 83.3             | 5                   | CV    |
| B        | --  | DC24V   | 3.8      | 45           | 11.8              | 83.3             | 5                   | CV    |
| 6500±500 | >90 | DC24V   | 3.8      | 199          | 52.4              | 83.3             | 5                   | CV    |
| RGBW     | --  | DC24V   | 15       | 515          | 34.3              | 83.3             | 5                   | CV    |

Cable Entry

Silicone end cap



Front Cable Entry

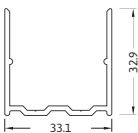
The cable could be hidden in all directions by the flexible design.

Accessories

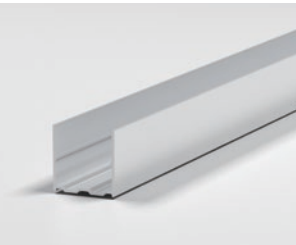
Aluminium Mounting clips



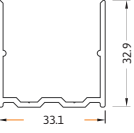
Dimension:  
20x33.1x32.9mm



Aluminium Profile

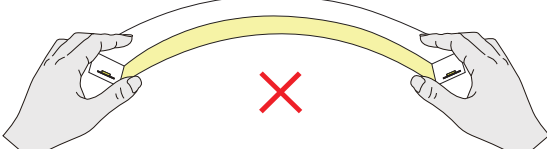
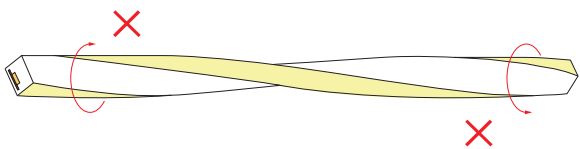
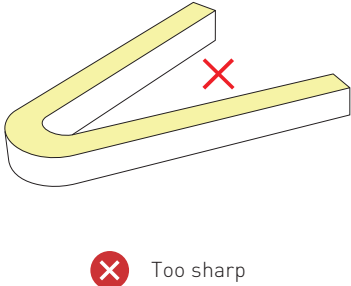
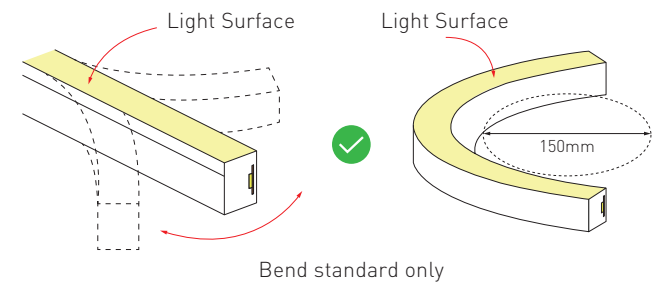


Dimension:  
1000x33.1x32.9mm



Operation Guidance

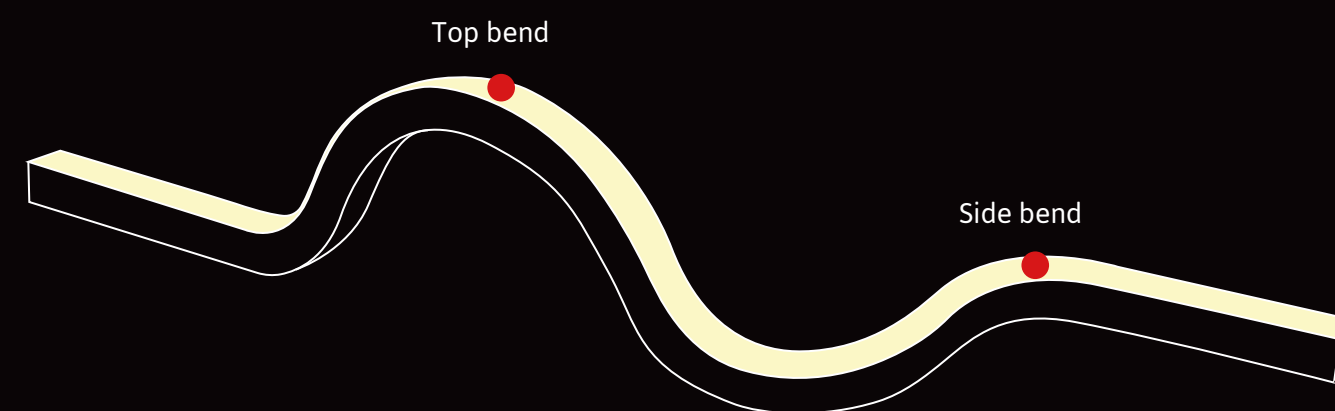
The LED neon strip can be only bend along the light surface, like the following drawing;  
Don't twist the light, and don't bend smaller than the allowed minimum 150mm bending diameter;



## 3D Top bend & side bend

### 3D1615

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

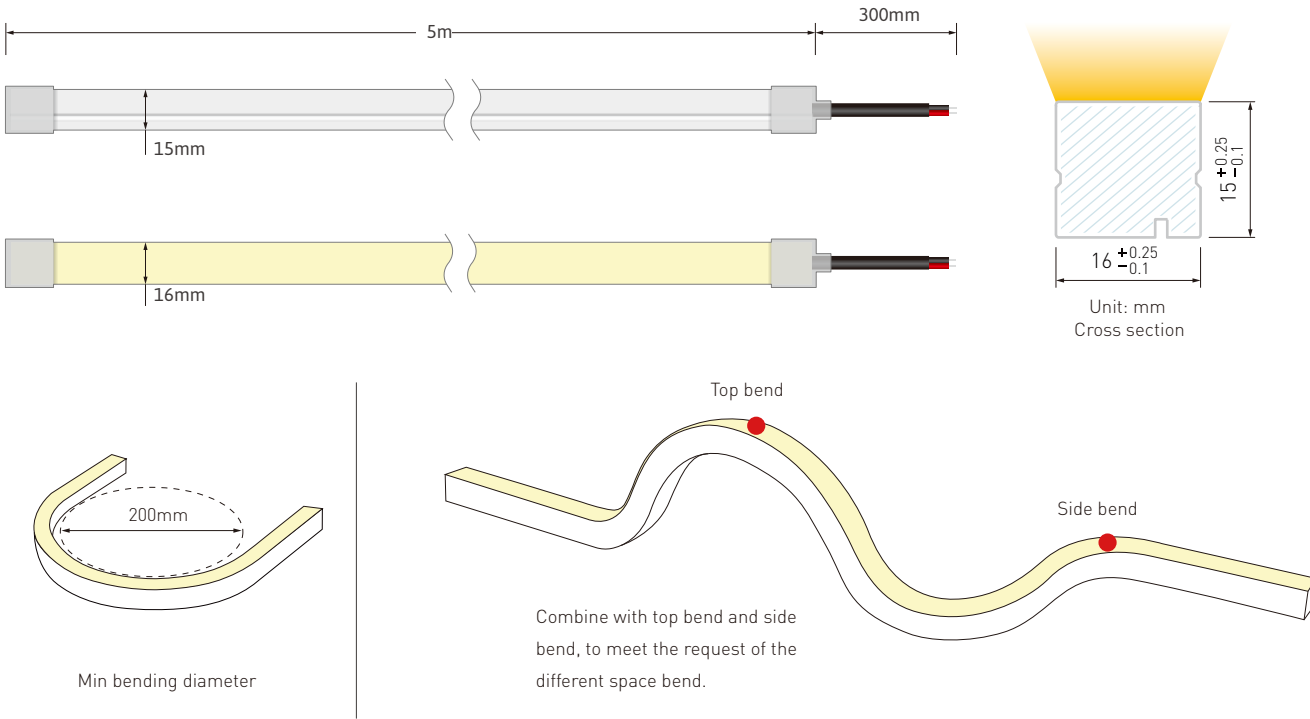


# 3D1615 Silicone LED Neon Light, Top Bend & Side Bend

- 1). 1615 Flex LED Neon Light, DC24V, Cross section size 16mm\*15mm(W\*H), Top bend & Side bend, Min bending diameter: 200mm. Front Cable Entry/Side Cable Entry/Bottom Cable Entry, IP67.
- 2). Unique end cap design, quickly and easily installed to meet different lengths requirement, without welding wires and without waterproof processing.
- 3). UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
- 4). 3 Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.



## Dimension



Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage  
24v DC



UV  
Protection



Consistency  
One Bin



Length  
5M



Waterproof Grade  
IP 67



Warranty  
3 Years

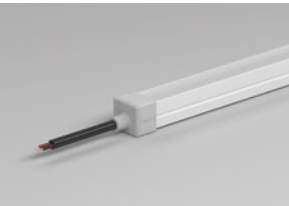
## Single color PARAMETER



| CCT(K)                         | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2100K±150                      | ≥90 | DC24V   | 10       | 600          | 60                | 50               | 5                  | CC/CV |
| 2400K±150                      | ≥90 | DC24V   | 10       | 630          | 63                | 50               | 5                  | CC/CV |
| 2700K±150                      | ≥90 | DC24V   | 10       | 670          | 67                | 50               | 5                  | CC/CV |
| 3000K±150                      | ≥90 | DC24V   | 10       | 700          | 70                | 50               | 5                  | CC/CV |
| 3500K±200                      | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 5                  | CC/CV |
| 4000K <sup>+400<br/>-200</sup> | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 5                  | CC/CV |
| 5000K <sup>+500<br/>-300</sup> | ≥90 | DC24V   | 10       | 750          | 75                | 50               | 5                  | CC/CV |
| 6500K <sup>+200<br/>-600</sup> | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 5                  | CC/CV |
| Red                            | --  | DC24V   | 10       | 310          | 31                | 50               | 5                  | CC/CV |
| Green                          | --  | DC24V   | 10       | 530          | 53                | 50               | 5                  | CC/CV |
| Blue                           | --  | DC24V   | 10       | 140          | 14                | 50               | 5                  | CC/CV |
| Yellow                         | --  | DC24V   | 10       | 260          | 26                | 50               | 5                  | CC/CV |
| Pink                           | --  | DC24V   | 10       | 480          | 48                | 50               | 5                  | CC/CV |

## Cable Entry

### Silicone end cap



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

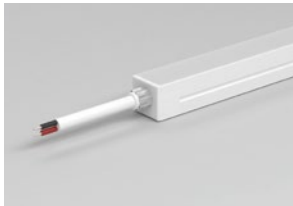


Side Cable Entry:  
The cable could be perfectly hidden to achieve seamless



Bottom Cable Entry:  
The cable could be perfectly hidden to achieve seamless

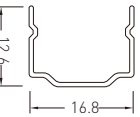
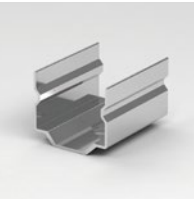
### Integral end cap



Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

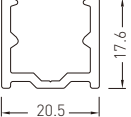
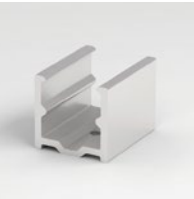
## Accessories

### Mounting Clips



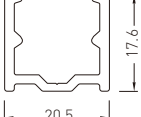
Dimension:  
20x12.6x16.8mm

### Aluminium Mounting clips



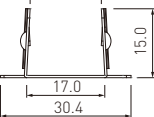
Dimension:  
20x20.5x17.6

### Aluminium Profile



Dimension:  
1000x20.5x17.6

### Curved aluminum profile



Dimension:  
51.4x30.4x15mm

### Suspension Installation



## 360° EMITTING SILICONE NEON STRIP

D25 | D25 PRO

- Unique optical light distribution structure design, 360° emitting uniform without shadow.
- IP65 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

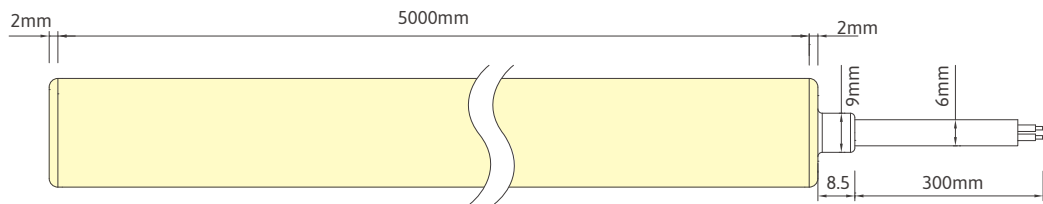


D25 Silicone LED Neon Light, 360D Light-Emitting

- 1). Unique optical structure design, 360° luminous uniformity without shadow, vertical bending with diameter of 200mm.
- 2). High light transmittance, environmentally friendly silicone material, silicone sleeve extrusion molding process, IP65 protection level.
- 3). Salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance.
- 4). Working/storage temperature: Ta: -25~60℃.

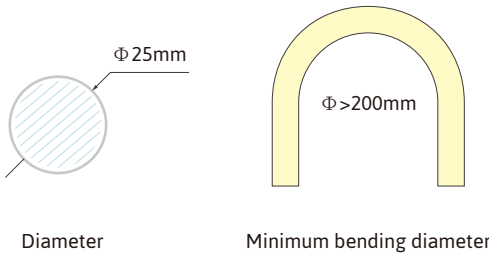


Dimension



| Technical Data      |                                                             |
|---------------------|-------------------------------------------------------------|
| Working Voltage     | DC24V                                                       |
| CRI                 | >90                                                         |
| Rated Power/m       | 5w/10w/16w                                                  |
| Storage Temperature | -25 C ~60 C                                                 |
| Ambient Temperature | T <sub>a</sub> min=-25 C , T <sub>a</sub> max (Table below) |

| LEDNEON R25                             | Low Output | Std Output | High Output |
|-----------------------------------------|------------|------------|-------------|
| Power(W/m)                              | 5W         | 10W        | 16W         |
| Max. Ambient tempt.(T <sub>a</sub> max) | 55 C       | 45 C       | 35 C        |



Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 65

Warranty

3 Years

Photoelectric parameters (5W)

| Power (W)           | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|---------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>5W  | 2400±150     | 272           | 56              | 24          | 90       | /             | 5M                         |
|                     | 2700±150     | 276           | 55              |             |          |               |                            |
|                     | 3000±150     | 284           | 27              |             |          |               |                            |
|                     | 3500±200     | 306           | 61              |             |          |               |                            |
|                     | 4000±300     | 298           | 59              |             |          |               |                            |
|                     | 5000±300     | 309           | 62              |             |          |               |                            |
|                     | 6000±300     | 302           | 60              |             |          |               |                            |
|                     | R: 620-630nm | 246           | 25              | 24          | /        | /             | 5M                         |
|                     | G: 520-530nm | 502           | 50              |             |          |               |                            |
|                     | B: 465-475nm | 114           | 11              |             |          |               |                            |
| Tunable white<br>5W | Y: 585-595nm | 209           | 21              |             |          |               |                            |
|                     | Pink         | 409           | 41              |             |          |               |                            |
|                     | 2700 (WW)    | 258           | 50              | 24          | 90       | /             | 5M                         |
|                     | 5000 (W)     | 262           | 50              |             |          |               |                            |
|                     | 3500 (WW+W)  | 517           | 50              |             |          |               |                            |
| RGB<br>5W           | R: 620-630nm | 56            | 16              | 24          | /        | /             | 5M                         |
|                     | G: 520-530nm | 162           | 47              |             |          |               |                            |
|                     | B: 465-475nm | 26            | 7               |             |          |               |                            |
|                     | RGB          | 248           | 24              |             |          |               |                            |

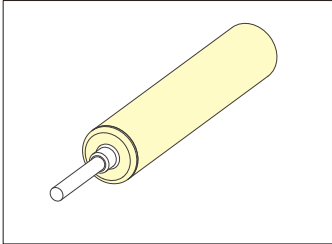
Photoelectric parameters (10W)

| Power (W)            | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|----------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>10W  | 2400±150     | 525           | 53              | 24          | 90       | /             | 5M                         |
|                      | 2700±150     | 517           | 52              |             |          |               |                            |
|                      | 3000±150     | 529           | 53              |             |          |               |                            |
|                      | 3500±200     | 600           | 60              |             |          |               |                            |
|                      | 4000±300     | 556           | 55              |             |          |               |                            |
|                      | 5000±300     | 604           | 60              |             |          |               |                            |
|                      | 6000±300     | 586           | 58              |             |          |               |                            |
|                      | R: 620-630nm | 246           | 25              | 24          | /        | /             | 5M                         |
|                      | G: 520-530nm | 502           | 50              |             |          |               |                            |
|                      | B: 465-475nm | 114           | 11              |             |          |               |                            |
| Tunable white<br>10W | Y: 585-595nm | 209           | 21              |             |          |               |                            |
|                      | Pink         | 409           | 41              |             |          |               |                            |
|                      | 2700 (WW)    | 258           | 50              | 24          | 90       | /             | 5M                         |
|                      | 5000 (W)     | 262           | 50              |             |          |               |                            |
|                      | 3500 (WW+W)  | 517           | 50              |             |          |               |                            |
| RGB<br>10W           | R: 620-630nm | 56            | 16              | 24          | /        | /             | 5M                         |
|                      | G: 520-530nm | 162           | 47              |             |          |               |                            |
|                      | B: 465-475nm | 26            | 7               |             |          |               |                            |
|                      | RGB          | 248           | 24              |             |          |               |                            |

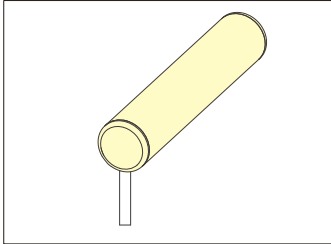
Photoelectric parameters (16W)

| Power (W) | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|-----------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| RGB       | R: 620-630nm | 58            | 15              | 24          | /        | /             | 5M                         |
|           | G: 520-530nm | 194           | 49              |             |          |               |                            |
|           | B: 465-475nm | 32            | 8               |             |          |               |                            |
|           | RGB          | 281           | 23              |             |          |               |                            |
| W         | 2200±150K    | 200           | 50              | 24          | 90       | /             | 5M                         |
|           | 2700±150K    | 219           | 55              |             |          |               |                            |
|           | 3200±200K    | 224           | 56              |             |          |               |                            |
|           | 4500±300K    | 226           | 56              |             |          |               |                            |
|           | 5500±300K    | 237           | 59              |             |          |               |                            |
|           | 6500±500K    | 229           | 57              |             |          |               |                            |

Cable Entry

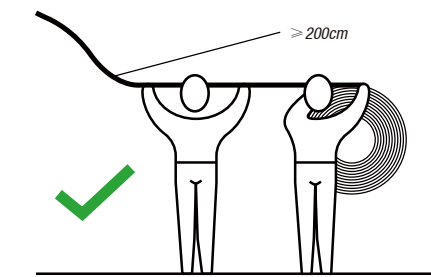


Cable entry: Front

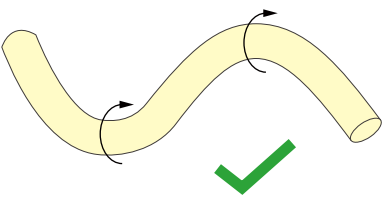


Side Cable Entry

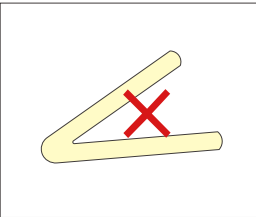
Installation/Use Precautions



When the length of the strip is longer than 2 meters, have two people work together to install it.



Bending diameter must be greater than 200mm



Small Angle bending is prohibited



Prohibit trample

Tests show that formaldehyde and benzene substances will make silicone products yellowing. If the silicone products are used in the indoor environment of new decoration, epoxy floor paint, wall paint, wallpaper adhesive, all kinds of decoration materials, or new furniture, are likely to release formaldehyde and benzene substances. In order to avoid silicone material affected, it is suggested that the use of the environment after the completion of the new decoration, formaldehyde and benzene should be removed first, or it should be ventilated for a period of time before installing the strip.

Accessories



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Lift Fixtures B  
(For single color product use ONLY)  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 5x92mm  
Noted: With screws, plastic plugs



Connector for Side outlet  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



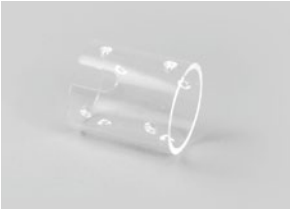
Connector  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



U-shaped Lift Fixtures  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Hanging Rope  
Material: Stainless Steel  
Color: Stainless steel natural color  
Size: Φ 1.5x1000mm  
Noted: With screws, plastic plugs



Side outlet transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



Transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



Side outlet transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



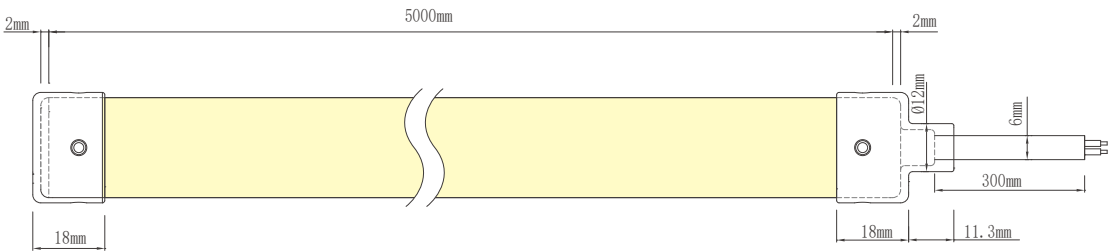
Transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws

# D25 Pro Silicone LED Neon Light, 360D Light-Emitting

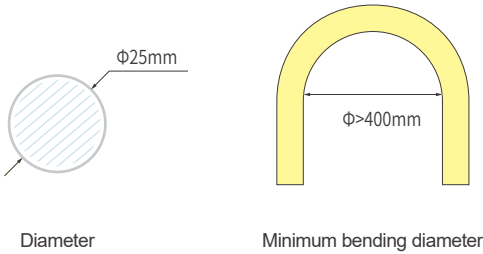
- 1). The light source shall be COB light strip with high luminous efficiency;
- 2). Unique optical light distribution structure design, 360 ° emitting uniform without shadow. Excellent toughness, stylish appearance, and elegant design.
- 3). IP65 protection level with integrated extrusion molding process, high light transmittance, and environment-friendly silicone material. Salt resistance, acid & alkali corrosion resistance, UV resistance.
- 4). Ambient temperature: -25℃~60℃; Storage temperature: 0℃~60℃.



## Dimension



| Technical Data      |                                                            |
|---------------------|------------------------------------------------------------|
| Working Voltage     | DC24V                                                      |
| CRI                 | >90                                                        |
| Rated Power/m       | 10w                                                        |
| Storage Temperature | -25 C ~60 C                                                |
| Ambient Temperature | T <sub>amin</sub> =-25 C , T <sub>amax</sub> (Table below) |



**Note:**

-Max. run length refers to single side feed in serial connection.

-The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.

-The given color temperature is the temperature of finished product.

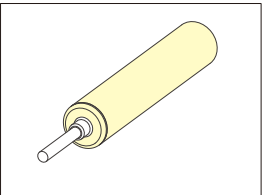


## Single color PARAMETER

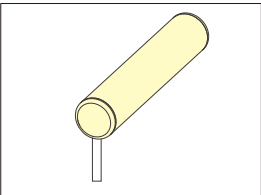


| CCT(K)                               | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2000 <sup>+100</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 363          | 36.3              | 50               | 5                  | CC/CV |
| 2200 <sup>+100</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 380          | 38                | 50               | 5                  | CC/CV |
| 2400 <sup>+100</sup> <sub>-200</sub> | ≥90 | DC24V   | 10       | 417          | 41.7              | 50               | 5                  | CC/CV |
| 2600±150                             | ≥90 | DC24V   | 10       | 477          | 47.7              | 50               | 5                  | CC/CV |
| 3200±200                             | ≥90 | DC24V   | 10       | 524          | 52.4              | 50               | 5                  | CC/CV |
| 4500±400                             | ≥90 | DC24V   | 10       | 547          | 54.7              | 50               | 5                  | CC/CV |
| Red                                  | --  | DC24V   | 10       | 58           | 5.8               | 50               | 5                  | CC/CV |
| Green                                | --  | DC24V   | 10       | 637          | 63.7              | 50               | 5                  | CC/CV |
| Blue                                 | --  | DC24V   | 10       | 103          | 10.3              | 50               | 5                  | CC/CV |
| Yellow                               | --  | DC24V   | 10       | 402          | 40.2              | 50               | 5                  | CC/CV |
| Orange                               | --  | DC24V   | 10       | 240          | 24                | 50               | 5                  | CC/CV |
| Pink                                 | --  | DC24V   | 10       | 116          | 11.6              | 50               | 5                  | CC/CV |

## Cable Entry



Cable entry: Front



Side Cable Entry

## Accessories



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Lift Fixtures B  
(For single color product use ONLY)  
Material: Aluminum Alloy  
Color: Black  
Size:Φ 5x92mm  
Noted: With screws, plastic plugs



Connector for Side outlet  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



Connector  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



U-shaped Lift Fixtures  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Hanging Rope  
Material: Stainless Steel  
Color: Stainless steel natural color  
Size: Φ 1.5x1000mm  
Noted: With screws, plastic plugs



Side outlet transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



Transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



Side outlet transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws



Transparent connector  
Material: PMMA  
Color: Transparent  
Size: φ30x40mm  
Noted: With screws

## Embedded led neon (Side Bend)

ES0612 | ES0817 | ES1220

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.



## Embedded led neon (Top Bend)

EF1212 | EF1615

- High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.

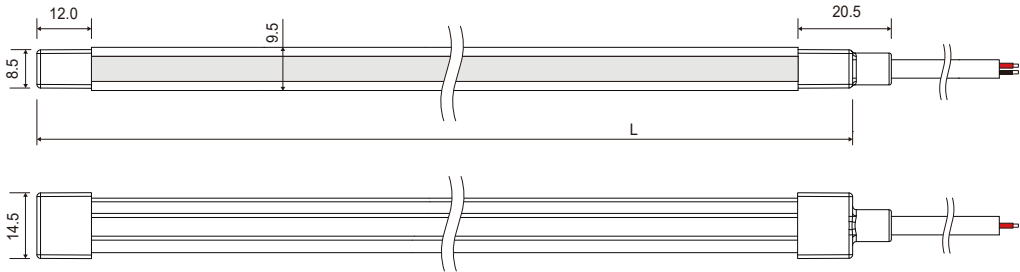


# ES0612 Silicone LED Neon Light, Embedded, Side Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.

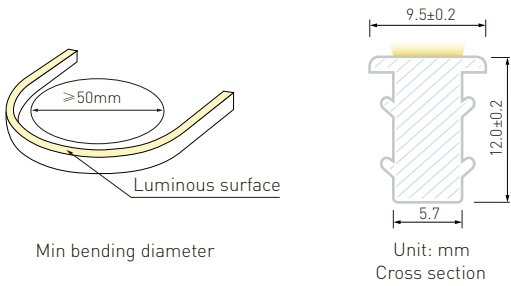


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥90                            |

| Power(w/m) | Efficacy(lm/w)@4000K | Max Ambient Temperature |
|------------|----------------------|-------------------------|
| 10 w/m     | 30.3 lm/w            | 45 C                    |



- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 65



Warranty

3 Years

## Single color

PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 277          | 27.7              | 50               | 13(CC)             | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 282          | 28.2              | 50               | 13(CC)             | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 303          | 30.3              | 50               | 13(CC)             | CC/CV |
| 6500K±500 | ≥90 | DC24V   | 10       | 312          | 31.2              | 50               | 13(CC)             | CC/CV |
| Red       | --  | DC24V   | 10       | 148          | 14.8              | 50               | 13(CC)             | CC/CV |
| Green     | --  | DC24V   | 10       | 369          | 36.9              | 50               | 13(CC)             | CC/CV |
| Blue      | --  | DC24V   | 10       | 86           | 8.6               | 50               | 13(CC)             | CC/CV |
| Yellow    | --  | DC24V   | 10       | 106          | 10.6              | 50               | 13(CC)             | CC/CV |
| Orange    | --  | DC24V   | 10       | 145          | 14.5              | 50               | 13(CC)             | CC/CV |
| Pink      | --  | DC24V   | 10       | 270          | 27.0              | 50               | 13(CC)             | CC/CV |

## CCT Tunable

PARAMETER



| CCT(K)      | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150   | ≥90 | DC24V   | 5        | 143          | 28.6              | 62.5             | 5                  | CV    |
| 5500K±500   | ≥90 | DC24V   | 5        | 157          | 31.4              | 62.5             | 5                  | CV    |
| 2700K+5500K | ≥90 | DC24V   | 10       | 297          | 29.7              | 62.5             | 5                  | CV    |

## RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 28           | 8.4               | 50               | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 87           | 26.4              | 50               | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 16           | 4.8               | 50               | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 132          | 13.2              | 50               | 5                  | CV    |

## SPI

PARAMETER



| CCT(K) | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Signal Type | IC Model | Unit Length (mm) | Max.Run Length (M) |
|--------|---------|----------|--------------|-------------------|-------------|-------------|----------|------------------|--------------------|
| DC24V  | 4.8     | R        | 16           | 3.4               | 10          | SPI         | WS2811   | 100              | 5                  |
|        | 4.8     | G        | 45           | 9.3               |             |             |          |                  |                    |
|        | 4.8     | B        | 8            | 1.7               |             |             |          |                  |                    |
|        | 12.5    | RGB      | 94           | 7.5               |             |             |          |                  |                    |

## Accessories



PVC Cable  
2PIN, 3PIN, 4PIN  
Color: Black



Silicone closed end cap  
Dimension: 13x8.5x14.5mm (LxWxH)  
Color: Semi-Transparent



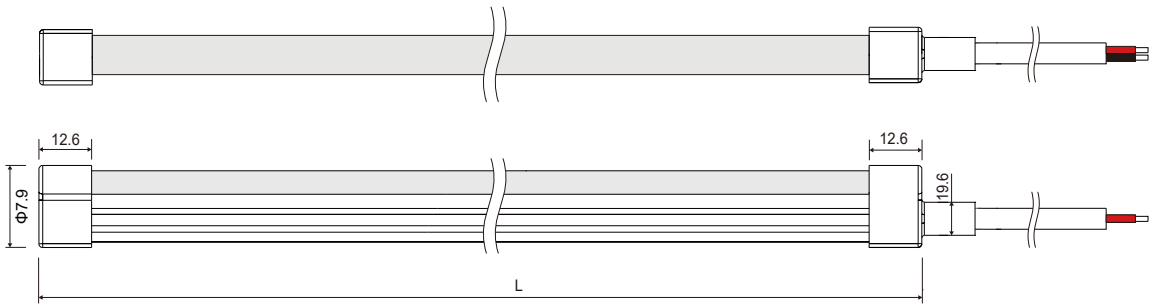
Scissor  
Material: stainless steel

# ES0817 Silicone LED Neon Light, Embedded, Side Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.



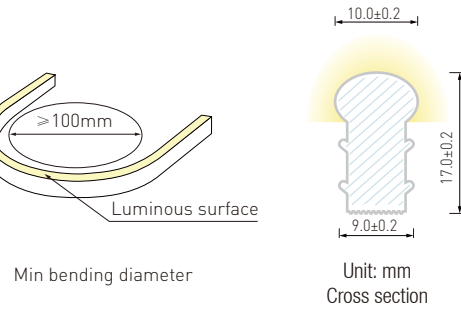
## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max ( Table below ) |
| CRI                 | ≥90                            |

|            |                      |                         |
|------------|----------------------|-------------------------|
| Power(w/m) | Efficacy(lm/w)@4000K | Max Ambient Temperature |
| 10 w/m     | 30.3 lm/w            | 45 C                    |

- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage

24v DC

UV

Protection

Consistency

One Bin

Length

5M

Waterproof Grade

IP 65

Warranty

3 Years

## Single color

PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 340          | 34.0              | 50               | 13(CC)             | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 359          | 35.9              | 50               | 13(CC)             | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 405          | 40.5              | 50               | 13(CC)             | CC/CV |
| 6500K±500 | ≥90 | DC24V   | 10       | 394          | 39.4              | 50               | 13(CC)             | CC/CV |
| Red       | --  | DC24V   | 10       | 185          | 18.5              | 50               | 13(CC)             | CC/CV |
| Green     | --  | DC24V   | 10       | 453          | 45.3              | 50               | 13(CC)             | CC/CV |
| Blue      | --  | DC24V   | 10       | 105          | 10.5              | 50               | 13(CC)             | CC/CV |
| Yellow    | --  | DC24V   | 10       | 138          | 13.8              | 50               | 13(CC)             | CC/CV |
| Orange    | --  | DC24V   | 10       | 186          | 18.6              | 50               | 13(CC)             | CC/CV |
| Pink      | --  | DC24V   | 10       | 347          | 34.7              | 50               | 13(CC)             | CC/CV |

## CCT Tunable

PARAMETER



| CCT(K)      | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150   | ≥90 | DC24V   | 5        | 175.3        | 35.1              | 62.5             | 5                  | CV    |
| 5500K±500   | ≥90 | DC24V   | 5        | 197.5        | 39.5              | 62.5             | 5                  | CV    |
| 2700K+5500K | ≥90 | DC24V   | 10       | 371.4        | 37.1              | 62.5             | 5                  | CV    |

## RGB

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 37           | 11.1              | 50               | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 113          | 34.3              | 50               | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 20           | 6.2               | 50               | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 175          | 17.5              | 50               | 5                  | CV    |

## SPI

PARAMETER



| CCT(K) | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Signal Type | IC Model | Unit Length (mm) | Max.Run Length (M) |
|--------|---------|----------|--------------|-------------------|-------------|-------------|----------|------------------|--------------------|
| DC24V  | 4.8     | R        | 40           | 8.3               | 10          | SPI         | WS2811   | 100              | 5                  |
|        | 4.8     | G        | 121          | 25.1              |             |             |          |                  |                    |
|        | 4.8     | B        | 21           | 4.4               |             |             |          |                  |                    |
|        | 12.5    | RGB      | 177          | 14.2              |             |             |          |                  |                    |

## Accessories



PVC Cable  
2PIN, 3PIN, 4PIN  
Color: Black



Silicone closed end cap  
Dimension: 13x8.5x14.5mm (LxWxH)  
Color: Semi-Transparent



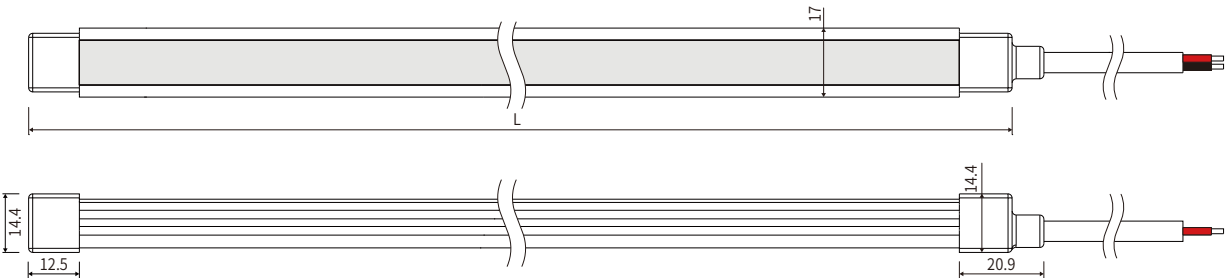
Scissor  
Material: stainless steel

# EF1212 Silicone LED Neon Light, Embedded, Top Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP65 protection level, salt solution resistance, acids & alkalis and UV resistance.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥30000 hours.

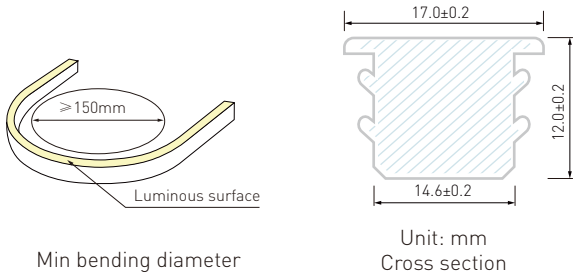


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥90                            |

|            |                      |                         |
|------------|----------------------|-------------------------|
| Power(w/m) | Efficacy(lm/w)@4000K | Max Ambient Temperature |
| 10 w/m     | 57.1lm/w             | 45 C                    |



- Note:**
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage  
24v DC



UV  
Protection



Consistency  
One Bin



Length  
5M



Waterproof  
Grade  
IP 65



Warranty  
3 Years

## Single color PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 514          | 51.4              | 50               | 13 (CC)            | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 536          | 53.6              | 50               | 13 (CC)            | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 571          | 57.1              | 50               | 13 (CC)            | CC/CV |
| 6500K±500 | ≥90 | DC24V   | 10       | 585          | 58.5              | 50               | 13 (CC)            | CC/CV |
| Red       | --  | DC24V   | 10       | 247          | 24.7              | 50               | 13 (CC)            | CC/CV |
| Green     | --  | DC24V   | 10       | 603          | 60.3              | 50               | 13 (CC)            | CC/CV |
| Blue      | --  | DC24V   | 10       | 137          | 13.7              | 50               | 13 (CC)            | CC/CV |
| Yellow    | --  | DC24V   | 10       | 179          | 17.9              | 50               | 13 (CC)            | CC/CV |
| Orange    | --  | DC24V   | 10       | 251          | 25.1              | 50               | 13 (CC)            | CC/CV |
| Pink      | --  | DC24V   | 10       | 473          | 47.3              | 50               | 13 (CC)            | CC/CV |

## CCT Tunable PARAMETER



| CCT(K)      | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150   | ≥90 | DC24V   | 5        | 270          | 53.9              | 62.5             | 5                  | CV    |
| 6500K±500   | ≥90 | DC24V   | 5        | 302          | 60.4              | 62.5             | 5                  | CV    |
| 2700K+6500K | ≥90 | DC24V   | 10       | 570          | 57.0              | 62.5             | 5                  | CV    |

## RGB PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 55           | 16.7              | 50               | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 172          | 52.1              | 50               | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 33           | 9.9               | 50               | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 265          | 26.5              | 50               | 5                  | CV    |

## SPI PARAMETER



| CCT(K) | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Signal Type | IC Model | Unit Length (mm) | Max.Run Length (M) |
|--------|---------|----------|--------------|-------------------|-------------|-------------|----------|------------------|--------------------|
| DC24V  | 4.8     | R        | 62           | 13.0              | 10          | SPI         | WS2811   | 100              | 5                  |
|        | 4.8     | G        | 188          | 39.2              |             |             |          |                  |                    |
|        | 4.8     | B        | 34           | 7.1               |             |             |          |                  |                    |
|        | 12.5    | RGB      | 277          | 22.2              |             |             |          |                  |                    |

## Accessories



PVC Cable  
2PIN, 3PIN, 4PIN  
Color: Black



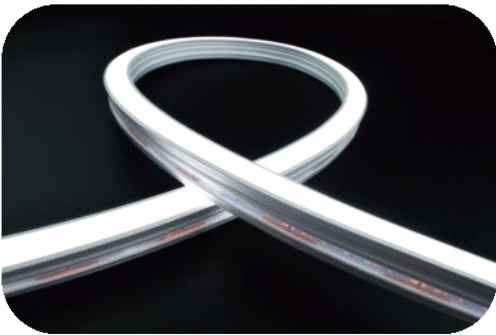
Silicone closed end cap  
Dimension: 13x14.5x14.5mm  
Color: Semi-Transparent



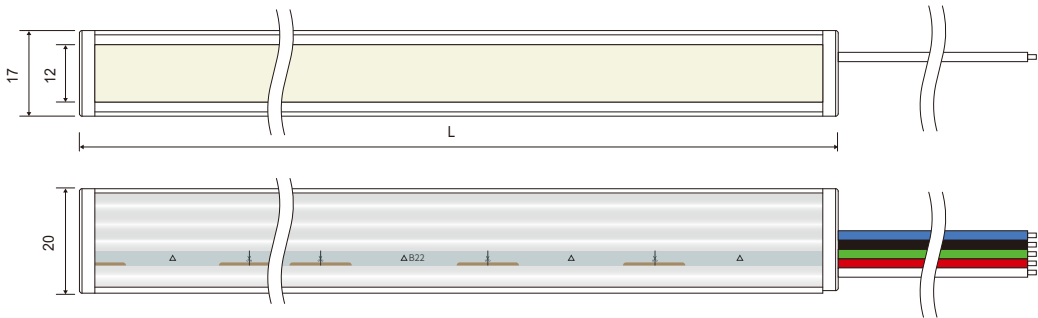
Scissor  
Material: stainless steel

# ES1220 Silicone LED Neon Light, Embedded, Side Bend

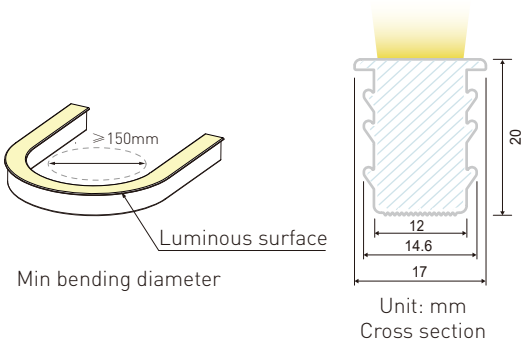
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP44 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV Excellent toughness, simple and stylish appearance, delicate and unique 3 years warranty, working life ≥ 30000 hours.



## Dimension



| Technical Data      |                      |                               |
|---------------------|----------------------|-------------------------------|
| Voltage             |                      | DC24V                         |
| LED PIN Temperature |                      | Max. 65℃                      |
| Storage Temperature |                      | -25℃ ~ 60℃                    |
| Ambient Temperature |                      | Min.-25℃, Max [ Table below ] |
| CRI                 |                      | ≥90                           |
|                     |                      |                               |
| Power(w/m)          | Efficacy(lm/w)@4000K | Max Ambient Temperature       |
| 10 w/m              | 40.7 lm/w            | 45℃                           |



### Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 44



Warranty

3 Years

### Single color

PARAMETER



| CCT(K)                              | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-------------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2400K <sup>+150</sup> <sub>50</sub> | >90 | DC24V   | 10       | 374          | 37.4              | 50               | 17(CC)             | CC/CV |
| 2700K±100                           | >90 | DC24V   | 10       | 365          | 36.5              | 50               | 17(CC)             | CC/CV |
| 3000K±150                           | >90 | DC24V   | 10       | 370          | 37                | 50               | 17(CC)             | CC/CV |
| 4000K±200                           | >90 | DC24V   | 10       | 407          | 40.7              | 50               | 17(CC)             | CC/CV |
| 5800K±300                           | >90 | DC24V   | 10       | 378          | 37.8              | 50               | 17(CC)             | CC/CV |
| R                                   | --  | DC24V   | 10       | 169          | 16.9              | 50               | 18(CC)             | CC/CV |
| G                                   | --  | DC24V   | 10       | 427          | 42.7              | 50               | 17(CC)             | CC/CV |
| B                                   | --  | DC24V   | 10       | 98           | 9.8               | 50               | 17(CC)             | CC/CV |
| Yellow                              | --  | DC24V   | 10       | 126          | 12.6              | 50               | 18(CC)             | CC/CV |
| Orange                              | --  | DC24V   | 10       | 167          | 16.7              | 50               | 17(CC)             | CC/CV |
| Pink                                | --  | DC24V   | 10       | 346          | 34.6              | 50               | 17(CC)             | CC/CV |

### CCT Tunable

PARAMETER



| CCT(K)                                | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|---------------------------------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150                             | >90 | DC24V   | 5        | 226          | 45.2              | 71.4             | 5                  | CV    |
| 6000K <sup>+200</sup> <sub>-300</sub> | >90 | DC24V   | 5        | 241          | 48.2              | 71.4             | 5                  | CV    |
| 2700K+6000K                           | >90 | DC24V   | 10       | 462          | 46.2              | 71.4             | 5                  | CV    |

### RGB

#### PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 45           | 13.6              | 83.33            | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 173          | 52.4              | 83.33            | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 34           | 10.3              | 83.33            | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 254          | 25.4              | 83.33            | 5                  | CV    |



The diagram illustrates the correct and incorrect ways to bend LED Neon light. It is divided into two rows, each showing a correct method and two incorrect methods.

**Top Row:**

- Correct:** A horizontal bend is shown with a green checkmark. The bend is labeled "Bend standard only" and "150mm". The "Light Surface" is indicated on the outer curve.
- Incorrect:** A sharp vertical bend is shown with a red X, labeled "Too sharp".

**Bottom Row:**

- Incorrect:** Twisting the light is shown with a red X, labeled "Don't twist the LED Neon light, otherwise the LED, resistance and other internal circuit will be broken."
- Incorrect:** Bending the light vertically by hand is shown with a red X, labeled "Don't bend the LED Neon light vertically, otherwise the LED, resistance and other internal circuit will be broken."

13-14mm

>19mm

13-14mm

8mm

1. Make grooves and outlet holes according to the dimensions shown in the picture.

2. Pass the cable of the light through the reserved hole as shown in the figure.

3. Align the light to the groove, press the glowing surface of the light, and fully embed the light into the groove.

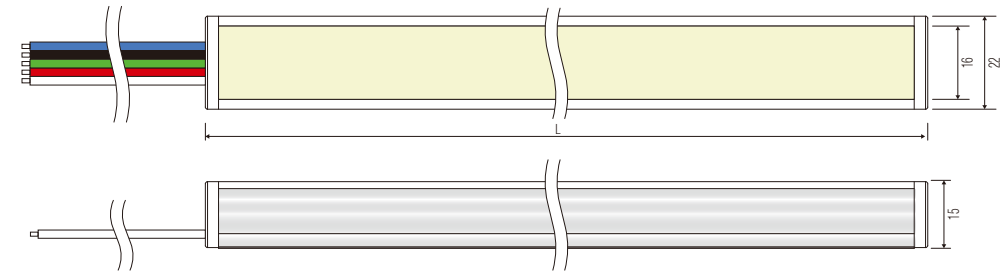
4. Completed.

# EF1615 Silicone LED Neon Light, Embedded, Top Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.IP44 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV.Excellent toughness, simple and stylish appearance, delicate and unique.3 years warranty, working life ≥ 30000 hours.

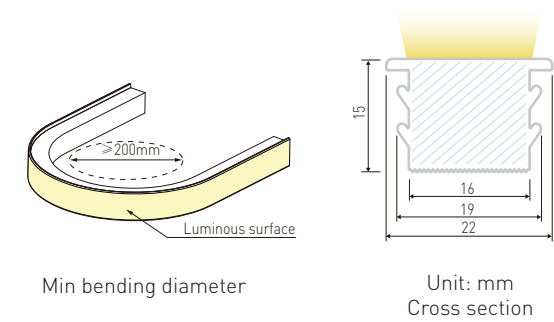


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥ 90                           |

|            |                      |                         |
|------------|----------------------|-------------------------|
| Power(w/m) | Efficacy(lm/w)@4000K | Max Ambient Temperature |
| 10 w/m     | 57.1lm/w             | 45 C                    |



Note:

- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.



Voltage

24v DC



UV

Protection



Consistency

One Bin



Length

5M



Waterproof Grade

IP 44



Warranty

3 Years

## Single color

PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2400K±150 | >90 | DC24V   | 10       | 488          | 48.8              | 50               | 17(CC)             | CC/CV |
| 2600K±150 | >90 | DC24V   | 10       | 560          | 56                | 50               | 17(CC)             | CC/CV |
| 3000K±150 | >90 | DC24V   | 10       | 607          | 60.7              | 50               | 17(CC)             | CC/CV |
| 4100K±200 | >90 | DC24V   | 10       | 663          | 66.3              | 50               | 17(CC)             | CC/CV |
| 6000K±300 | >90 | DC24V   | 10       | 630          | 63                | 50               | 17(CC)             | CC/CV |
| R         | --  | DC24V   | 10       | 256          | 25.6              | 50               | 18(CC)             | CC/CV |
| G         | --  | DC24V   | 10       | 666          | 66.6              | 50               | 17(CC)             | CC/CV |
| B         | --  | DC24V   | 10       | 157          | 15.7              | 50               | 17(CC)             | CC/CV |
| Yellow    | --  | DC24V   | 10       | 198          | 19.8              | 50               | 18(CC)             | CC/CV |
| Orange    | --  | DC24V   | 10       | 258          | 25.8              | 50               | 17(CC)             | CC/CV |
| Pink      | --  | DC24V   | 10       | 576          | 57.6              | 50               | 17(CC)             | CC/CV |

## CCT Tunable

PARAMETER



| CCT(K)        | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|---------------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150     | >90 | DC24V   | 5        | 348          | 69.6              | 71.4             | 5                  | CV    |
| 6300K±300     | >90 | DC24V   | 5        | 366          | 73.2              | 71.4             | 5                  | CV    |
| 2700K + 6300K | >90 | DC24V   | 10       | 674          | 67.4              | 71.4             | 5                  | CV    |

## RGB

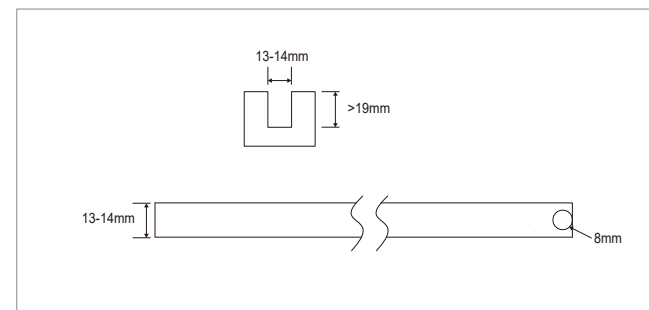
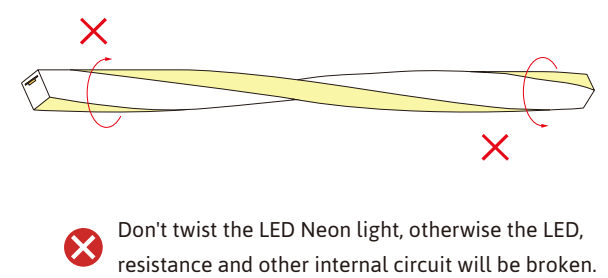
PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 71           | 21.5              | 83.33            | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 284          | 86.1              | 83.33            | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 56           | 17.0              | 83.33            | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 419          | 41.9              | 83.33            | 5                  | CV    |

**SPI**  
PARAMETER

## Operation Guidance



A 3D perspective diagram of a rectangular block with a longitudinal slot. A yellow rod with a black end is positioned above the slot, aligned with its length.

4. Completed.

# BLACK SERIES SILICONE NEON STRIP

F1615B | S1220B | D25B

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

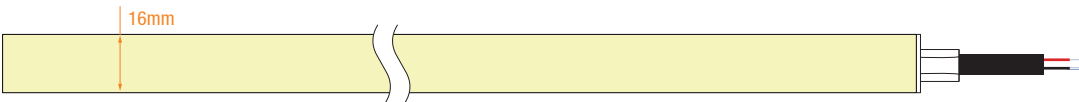
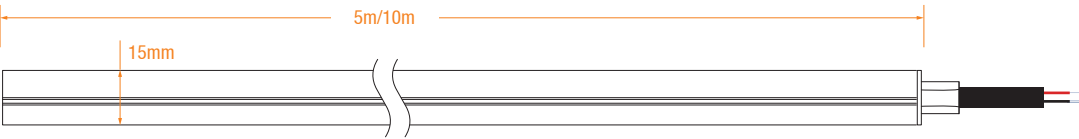


# 1615 Black Silicone LED Neon Light, Top Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow. IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique

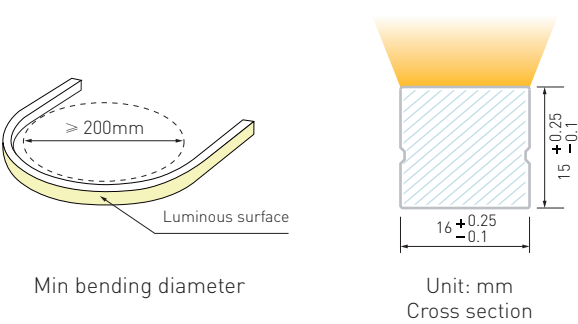


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥90                            |

|                         |         |       |       |
|-------------------------|---------|-------|-------|
| Power(w/m)              | 5w/m    | 10w/m | 15w/m |
| Efficacy(lm/w)@4000K    | 2.2lm/w | 2lm/w | 2lm/w |
| Max Ambient Temperature | 55 C    | 45 C  | 35 C  |



- Note:**
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof  
Grade  
IP 67

Warranty  
3 Years

### Single color PARAMETER



### CCT Tunable PARAMETER



### RGB PARAMETER



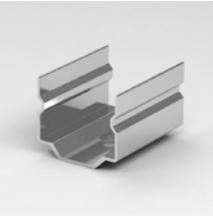
| CCT(K) | CRI | SDCM (IEC60081) | Voltage | Power (W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|-----------------|---------|-----------|--------------|-------------------|------------------|--------------------|-------|
| 2700   | ≥90 | <5              | DC24V   | 10        | 158          | 15.8              | 50               | 17 (CC)            | CC/CV |
| 3000   | ≥90 | <5              | DC24V   | 10        | 153          | 15.3              | 50               | 17 (CC)            | CC/CV |
| 3500   | ≥90 | <5              | DC24V   | 10        | 162          | 16.2              | 50               | 17 (CC)            | CC/CV |
| 4000   | ≥90 | <5              | DC24V   | 10        | 158          | 15.8              | 50               | 17 (CC)            | CC/CV |
| 5000   | ≥90 | <5              | DC24V   | 10        | 155          | 15.5              | 50               | 17 (CC)            | CC/CV |
| 6500   | ≥90 | <5              | DC24V   | 10        | 145          | 14.5              | 50               | 17 (CC)            | CC/CV |
| Red    | --  | --              | DC24V   | 10        | 73           | 7.3               | 50               | 18 (CC)            | CC/CV |
| Green  | --  | --              | DC24V   | 10        | 149          | 14.9              | 50               | 17 (CC)            | CC/CV |
| Blue   | --  | --              | DC24V   | 10        | 27           | 2.7               | 50               | 17 (CC)            | CC/CV |
| Yellow | --  | --              | DC24V   | 10        | 51           | 5.1               | 50               | 18 (CC)            | CC/CV |
| Orange | --  | --              | DC24V   | 10        | 64           | 6.4               | 50               | 18 (CC)            | CC/CV |
| Pink   | --  | --              | DC24V   | 10        | 149          | 14.9              | 50               | 17 (CC)            | CC/CV |

| CCT(K)   | CRI | SDCM (IEC60081) | Voltage | Power (W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|----------|-----|-----------------|---------|-----------|--------------|-------------------|------------------|--------------------|-------|
| 2700     | ≥90 | <5              | DC24V   | 5         | 95           | 18.9              | 83.3             | 5                  | CV    |
| 6500     | ≥90 | <5              | DC24V   | 5         | 87           | 17.4              |                  |                    |       |
| 4000±300 | ≥90 | --              | DC24V   | 10        | 181          | 18.1              |                  |                    |       |

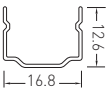
| CCT(K) | CRI | SDCM (IEC60081) | Voltage | Power (W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|-----------------|---------|-----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | --              | DC24V   | 3.3       | 19           | 5.9               | 83.3             | 5                  | CV    |
| G      | --  | --              | DC24V   | 3.3       | 61           | 18.5              |                  |                    |       |
| B      | --  | --              | DC24V   | 3.3       | 9            | 2.7               |                  |                    |       |
| RGB    | --  | --              | DC24V   | 10        | 90           | 9.0               |                  |                    |       |

## Accessories

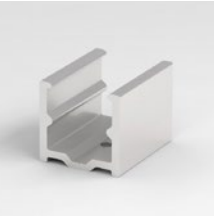
### Mounting Clips



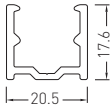
Dimension:  
20x12.6x16.8mm



### Aluminium Mounting clips



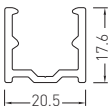
Dimension:  
20x20.5x17.6mm



### Aluminium Profile



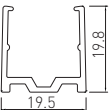
Dimension:  
1000(±5)x20.5x17.6mm



### PC Profile



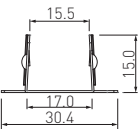
Dimension:  
1000(±5)x19.5x19.8mm



### Curved aluminum profile



Dimension:  
51.4x30.4x15mm



### Suspension Installation



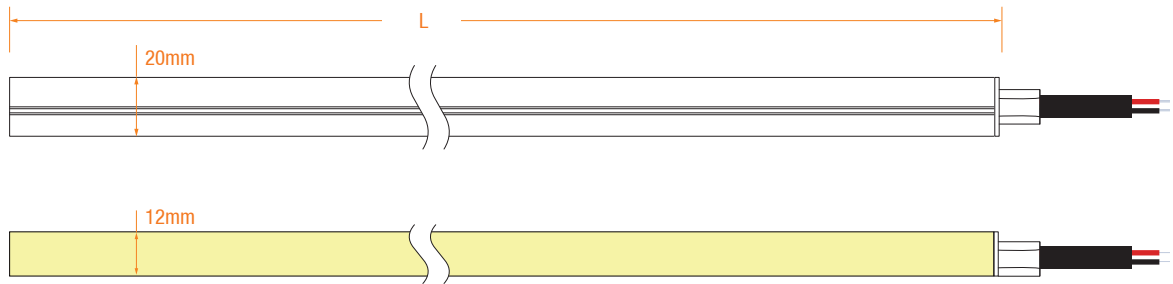
Use with the profile

# 1220 Black Silicone LED Neon Light, Side Bend

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow. IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique



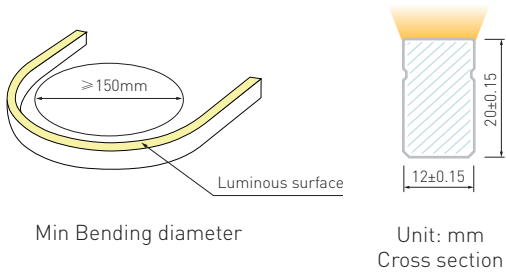
## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥90                            |

|                         |       |          |         |
|-------------------------|-------|----------|---------|
| Power(w/m)              | 5w/m  | 10w/m    | 15w/m   |
| Efficacy(lm/w)@4000K    | 2lm/w | 1.87lm/w | 1.8lm/w |
| Max Ambient Temperature | 55 C  | 45 C     | 35 C    |

- Note:**
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.



Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof Grade  
IP 67

Warranty  
3 Years

Single color

PARAMETER



| CCT(K) | CRI | SDCM (IEC60081) | Voltage | Power (W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|-----------------|---------|-----------|--------------|-------------------|------------------|--------------------|-------|
| 2700   | ≥90 | <5              | DC24V   | 10        | 158          | 15.8              | 50               | 17(CC)             | CC/CV |
| 3000   | ≥90 | <5              | DC24V   | 10        | 153          | 15.3              | 50               | 17(CC)             | CC/CV |
| 3500   | ≥90 | <5              | DC24V   | 10        | 162          | 16.2              | 50               | 17(CC)             | CC/CV |
| 4000   | ≥90 | <5              | DC24V   | 10        | 158          | 15.8              | 50               | 17(CC)             | CC/CV |
| 5000   | ≥90 | <5              | DC24V   | 10        | 155          | 15.5              | 50               | 17(CC)             | CC/CV |
| 6500   | ≥90 | <5              | DC24V   | 10        | 145          | 14.5              | 50               | 17(CC)             | CC/CV |
| Red    | --  | --              | DC24V   | 10        | 73           | 7.3               | 50               | 18(CC)             | CC/CV |
| Green  | --  | --              | DC24V   | 10        | 149          | 14.9              | 50               | 17(CC)             | CC/CV |
| Blue   | --  | --              | DC24V   | 10        | 27           | 2.7               | 50               | 17(CC)             | CC/CV |
| Yellow | --  | --              | DC24V   | 10        | 51           | 5.1               | 50               | 18(CC)             | CC/CV |
| Orange | --  | --              | DC24V   | 10        | 64           | 6.4               | 50               | 18(CC)             | CC/CV |
| Pink   | --  | --              | DC24V   | 10        | 149          | 14.9              | 50               | 17(CC)             | CC/CV |

CCT Tunable

PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| WW     | ≥90 | DC24V   | 5        | 9            | 1.8               | 50               | 5                  | CV    |
| W      | ≥90 | DC24V   | 5        | 8.5          | 1.7               | 50               | 5                  | CV    |
| W+WW   | ≥90 | DC24V   | 10       | 17           | 1.7               | 50               | 5                  | CV    |

RGB

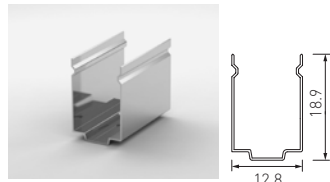
PARAMETER



| CCT(K) | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|--------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| R      | --  | DC24V   | 3.3      | 2.31         | 0.7               | 62.5             | 5                  | CV    |
| G      | --  | DC24V   | 3.3      | 4.29         | 1.3               | 62.5             | 5                  | CV    |
| B      | --  | DC24V   | 3.3      | 0.66         | 0.2               | 62.5             | 5                  | CV    |
| RGB    | --  | DC24V   | 10       | 7            | 0.7               | 62.5             | 5                  | CV    |

## Accessories

### Mounting Clips



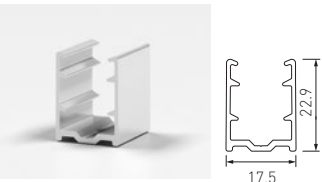
Dimension:  
20x12.8x18.9mm

### Suspension Installation



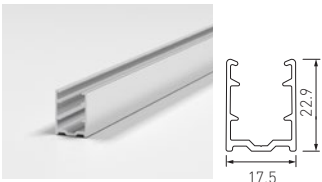
Use with the profile

### Aluminium Mounting clips



Dimension:  
20x17.5x22.9mm

### Aluminium Profile



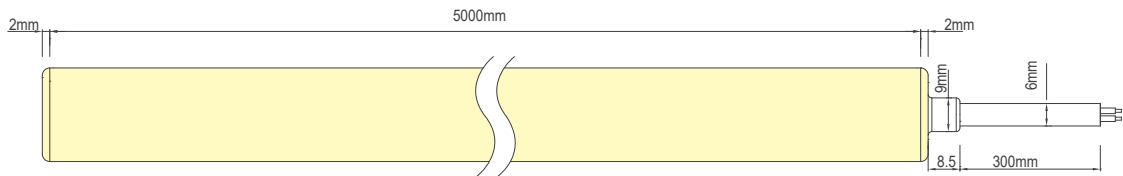
Dimension:  
1000(±5)x17.5x22.9mm

# D25 Black Silicone LED Neon Light, 360D Light-Emitting

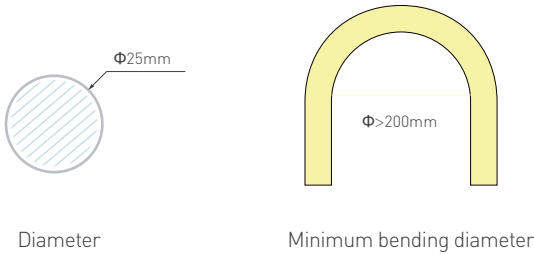
High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.  
IP65 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique



## Dimension



| Technical Data      |                              |
|---------------------|------------------------------|
| Voltage             | DC24V                        |
| LED PIN Temperature | Max. 65℃                     |
| Storage Temperature | 0℃~60℃                       |
| Ambient Temperature | Min.-25℃,Max { Table below } |
| CRI                 | ≥90                          |



Note:  
-Max. run length refers to single side feed in serial connection.  
-The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.  
-The given color temperature is the temperature of finished product.



Voltage  
24v DC



UV  
Protection



Consistency  
One Bin



Length  
5M



Waterproof  
Grade  
IP 67



Warranty  
3 Years

## Photoelectric parameters (5W)

| Power (W)           | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|---------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>5W  | 2400±150     | 37            | 7.4             | 24          | 90       | /             | 5M                         |
|                     | 2700±150     | 38            | 7.6             |             |          |               |                            |
|                     | 3000±150     | 40            | 8               |             |          |               |                            |
|                     | 3500±200     | 39            | 7.9             |             |          |               |                            |
|                     | 4000±300     | 39            | 7.8             |             |          |               |                            |
|                     | 5000±300     | 37            | 7.4             | 24          | /        | /             | 5M                         |
|                     | R: 620-630nm | 19            | 3.8             |             |          |               |                            |
|                     | G: 520-530nm | 36            | 7.2             |             |          |               |                            |
|                     | B: 465-475nm | 4.6           | 0.9             |             |          |               |                            |
|                     | Y: 585-595nm | 14            | 2.8             |             |          |               |                            |
| Tunable white<br>5W | Pink         | 30            | 6               | 24          | 90       | /             | 5M                         |
|                     | 3000 (WW+W)  | 31            | 6               |             |          |               |                            |
|                     | 4000 (W)     | 15            | 5.9             |             |          |               |                            |
| RGB<br>5W           | 2300 (WW)    | 16            | 6.5             | 24          | /        | /             | 5M                         |
|                     | R: 620-630nm | 2.7           | 2.6             |             |          |               |                            |
|                     | G: 520-530nm | 7.5           | 1.8             |             |          |               |                            |
|                     | B: 465-475nm | 1.1           | 5.2             |             |          |               |                            |
|                     | RGB          | 11.4          | 0.7             |             |          |               |                            |

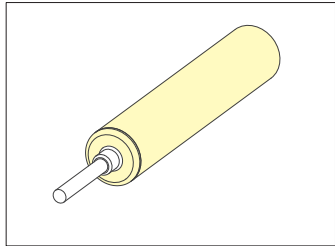
## Photoelectric parameters (10W)

| Power (W)            | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|----------------------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| Single color<br>10W  | 2400±150     | 75            | 7               | 24          | 90       | /             | 5M                         |
|                      | 2700±150     | 78            | 7.4             |             |          |               |                            |
|                      | 3000±150     | 83            | 7.8             |             |          |               |                            |
|                      | 3500±200     | 82            | 7.8             |             |          |               |                            |
|                      | 4000±300     | 80            | 7.7             |             |          |               |                            |
|                      | 5000±300     | 75            | 7.2             | 24          | /        | /             | 5M                         |
|                      | R: 620-630nm | 40            | 3.8             |             |          |               |                            |
|                      | G: 520-530nm | 73            | 6.5             |             |          |               |                            |
|                      | B: 465-475nm | 12            | 1.1             |             |          |               |                            |
|                      | Y: 585-595nm | 29            | 2.8             |             |          |               |                            |
| Tunable white<br>10W | Pink         | 62            | 5.8             | 24          | 90       | /             | 5M                         |
|                      | 3000 (WW+W)  | 64            | 6.2             |             |          |               |                            |
|                      | 4000 (W)     | 31            | 6               |             |          |               |                            |
| RGB<br>10W           | 2300 (WW)    | 33            | 6.4             | 24          | /        | /             | 5M                         |
|                      | R: 620-630nm | 4.6           | 2.5             |             |          |               |                            |
|                      | G: 520-530nm | 15            | 2               |             |          |               |                            |
|                      | B: 465-475nm | 1.7           | 4.6             |             |          |               |                            |
|                      | RGB          | 21            | 0.6             |             |          |               |                            |

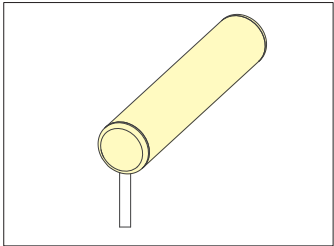
Photoelectric parameters (16W)

| Power (W) | CCT          | Lumens (LM/M) | Efficacy (LM/W) | Voltage (v) | CRI (Ra) | Unit cut (mm) | Max. productive length (M) |
|-----------|--------------|---------------|-----------------|-------------|----------|---------------|----------------------------|
| RGB<br>+  | R: 620-630nm | 2.6           | 0.6             | 24          | /        | /             | 5M                         |
|           | G: 520-530nm | 5.7           | 1.8             |             |          |               |                            |
|           | B: 465-475nm | 19.4          | 4.8             |             |          |               |                            |
|           | RGB          | 29.3          | 2.4             |             |          |               |                            |
| W         | 2200±100K    | 24.2          | 6.1             | 24          | 90       | /             | 5M                         |
|           | 2700±100K    | 26.6          | 6.6             |             |          |               |                            |
|           | 3000±100K    | 25.9          | 6.5             |             |          |               |                            |
|           | 4000±200K    | 25.7          | 6.4             |             |          |               |                            |
|           | 4500±200K    | 25.1          | 6.3             |             |          |               |                            |

Cable Entry

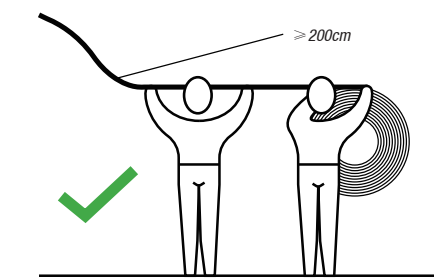


Cable entry: Front

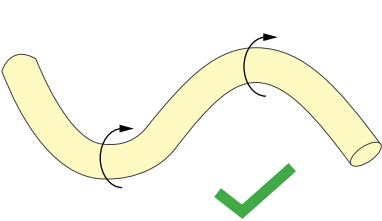


Side Cable Entry

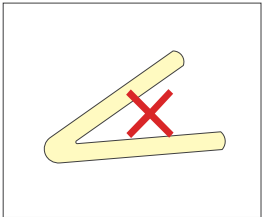
Installation/Use Precautions



When the length of the strip is longer than 2 meters, have two people work together to install it.



Bending diameter must be greater than 200mm



Small Angle bending is prohibited



Prohibit trample

Tests show that formaldehyde and benzene substances will make silicone products yellowing. If the silicone products are used in the indoor environment of new decoration, epoxy floor paint, wall paint, wallpaper adhesive, all kinds of decoration materials, or new furniture, are likely to release formaldehyde and benzene substances. In order to avoid silicone material affected, it is suggested that the use of the environment after the completion of the new decoration, formaldehyde and benzene should be removed first, or it should be ventilated for a period of time before installing the strip.

Accessories



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



PC Profile  
Material: PC  
Color: Transparent  
Size: 25x30x1000mm  
Noted: With screws, plastic plugs, hanging rope



Lift Fixtures A  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Lift Fixtures B  
(For single color product use ONLY)  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 5x92mm  
Noted: With screws, plastic plugs



Connector for Side outlet  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



Connector  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 27.6x37mm  
Noted: With screws



U-shaped Lift Fixtures  
Material: Aluminum Alloy  
Color: Black  
Size: Φ 38x41mm  
Noted: With screws, plastic plugs



Hanging Rope  
Material: Stainless Steel  
Color: Stainless steel natural color  
Size: Φ 1.5x1000mm  
Noted: With screws, plastic plugs



## HIGH-EFFICIENCY SERIES SILICONE NEON STRIP

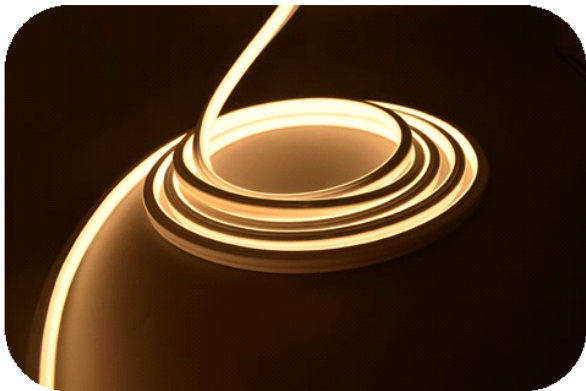
F1212H | F1615H | S1220H

- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level with integrated extrusion molding process, high light transmittance, environment-friendly silicone material.
- Excellent toughness, stylish appearance, elegant design

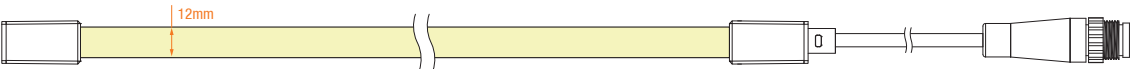
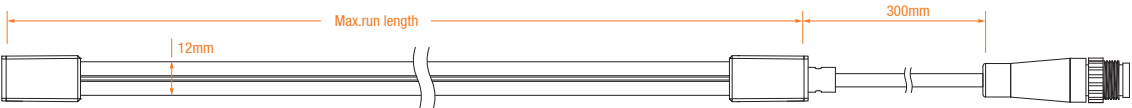


# 1212 Silicone LED Neon Light, Top Bend, High Brightness

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow. IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique

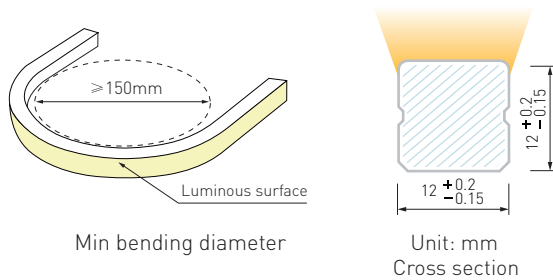


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥90                            |

|                         |        |        |
|-------------------------|--------|--------|
| Power(w/m)              | 5w/m   | 10w/m  |
| Efficacy(lm/w)@4000K    | 95lm/w | 93lm/w |
| Max Ambient Temperature | 55°C   | 45°C   |



- Note:**
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof Grade  
IP 67

Warranty  
3 Years

## Single color PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 820          | 82                | 50               | 8( CC)             | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 880          | 88                | 50               | 8( CC)             | CC/CV |
| 3500K±200 | ≥90 | DC24V   | 10       | 950          | 95                | 50               | 8( CC)             | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 930          | 93                | 50               | 8( CC)             | CC/CV |
| 5000K±300 | ≥90 | DC24V   | 10       | 940          | 94                | 50               | 8( CC)             | CC/CV |
| 6000K±300 | ≥90 | DC24V   | 10       | 950          | 95                | 50               | 8( CC)             | CC/CV |

## Cable Entry

### Front Cable Entry:

The cable could be hidden in all directions by the flexible design.

#### Integral end cap



#### Combined end cap

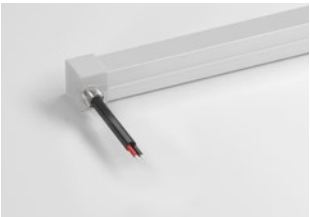


#### Silicone end cap



### Side Cable Entry:

The cable could be perfectly hidden to achieve seamless light connection.



### Bottom Cable Entry:

The cable could be perfectly hidden to achieve seamless light connection.



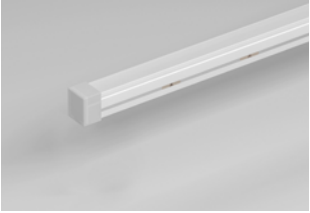
#### Integral closed end cap



#### Solder free closed end cap



#### Silicone closed end cap



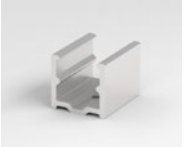
## Accessories

### Mounting Clips



Dimension:  
20x12.8x12.4mm

### Aluminium Mounting clips



Dimension:  
20x17.3x14mm

### Aluminium Profile



Dimension:  
1000(±5)x17.3x14mm

### Suspension Installation



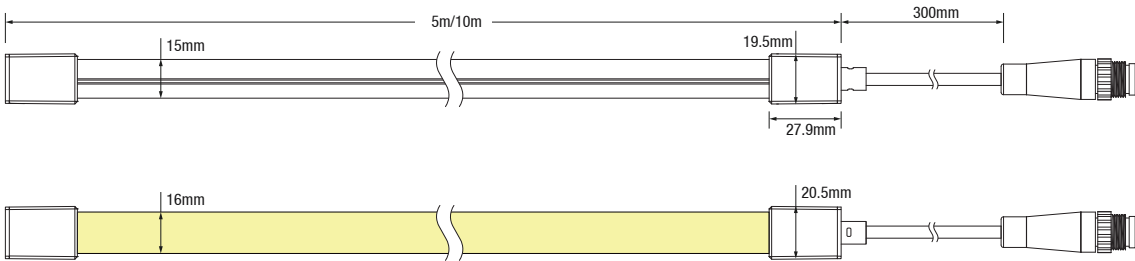
• Use with the profile

# 1615 Silicone LED Neon Light, Top bend, High Brightness

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.  
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique

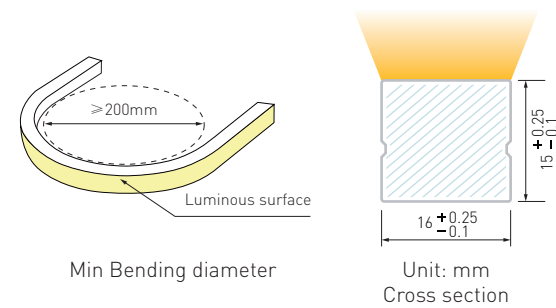


## Dimension



| Technical Data      |                                |
|---------------------|--------------------------------|
| Voltage             | DC24V                          |
| LED PIN Temperature | Max. 65 C                      |
| Storage Temperature | -25 C ~ 60 C                   |
| Ambient Temperature | Min.-25°C, Max [ Table below ] |
| CRI                 | ≥ 90                           |

|                         |        |        |        |
|-------------------------|--------|--------|--------|
| Power(w/m)              | 5w/m   | 10w/m  | 15w/m  |
| Efficacy(lm/w)@4000K    | 84lm/w | 82lm/w | 78lm/w |
| Max Ambient Temperature | 55 C   | 45 C   | 35 C   |



- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage  
24v DC

UV  
Protection

Consistency  
One Bin

Length  
5M

Waterproof  
Grade  
IP 67

Warranty  
3 Years

## Single color PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 730          | 73                | 50               | 12(CC)              | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 770          | 77                | 50               | 12(CC)              | CC/CV |
| 3500K±200 | ≥90 | DC24V   | 10       | 850          | 85                | 50               | 12(CC)              | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 820          | 82                | 50               | 12(CC)              | CC/CV |
| 5000K±300 | ≥90 | DC24V   | 10       | 900          | 90                | 50               | 12(CC)              | CC/CV |
| 6000K±300 | ≥90 | DC24V   | 10       | 890          | 89                | 50               | 12(CC)              | CC/CV |

## Cable Entry

Front Cable Entry:  
The cable could be hidden in all directions by the flexible design.

Side Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

Bottom Cable Entry:  
The cable could be perfectly hidden to achieve seamless light connection.

Integral closed end cap

Solder free closed end cap

Silicone closed end cap

## Accessories

Mounting Clips

Dimension:  
20x12.6x16.8mm

Aluminium Mounting clips

Dimension:  
20x20.5x17.6mm

Aluminium Profile

Dimension:  
1000(±5)x20.5x17.6mm

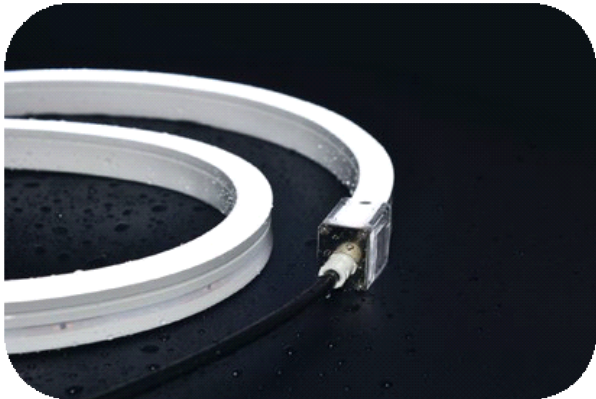
Curved aluminum profile

Dimension:  
51.4x30.4x15mm

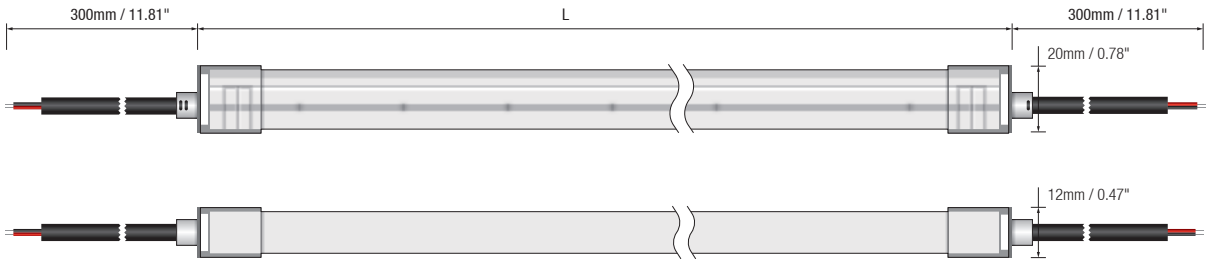
Suspension Installation

# 1220 Silicone LED Neon Light, Side bend, High Brightness

High light transmittance, environmental protection grade silicone material, integrated extrusion molding process.Unique optical light distribution structure design, uniform lighting surface and no shadow.  
IP67 protection level, salt solution resistance, acids & alkalis, corrosive gases, fire and UV .Excellent toughness, simple and stylish appearance, delicate and unique

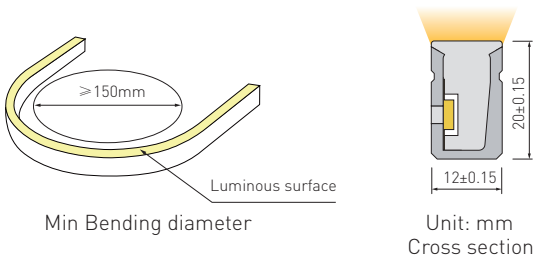


## Dimension



| Technical Data      |                               |
|---------------------|-------------------------------|
| Voltage             | DC24V                         |
| LED PIN Temperature | Max. 65 C                     |
| Storage Temperature | -25 C ~ 60 C                  |
| Ambient Temperature | Min.-25°C,Max [ Table below ] |
| CRI                 | ≥ 90                          |

|                         |        |        |        |
|-------------------------|--------|--------|--------|
| Power(w/m)              | 5w/m   | 10w/m  | 15w/m  |
| Efficacy(lm/w)@4000K    | 62lm/w | 61lm/w | 57lm/w |
| Max Ambient Temperature | 55 C   | 45 C   | 35 C   |



- Note:
- Max. run length refers to single side feed in serial connection.
  - The given data are typical values due to the tolerances of the productionprocess and the electrical components, values for light output and electrical power can vary up to 10%.
  - The given color temperature is the temperature of finished product.

Voltage  
**24v DC**

UV  
**Protection**

Consistency  
**One Bin**

Length  
**5M**

Waterproof Grade  
**IP 67**

Warranty  
**3 Years**

## Single color PARAMETER



| CCT(K)    | CRI | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max.Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 2700K±150 | ≥90 | DC24V   | 10       | 530          | 53                | 50               | 12(CC)             | CC/CV |
| 3000K±150 | ≥90 | DC24V   | 10       | 530          | 53                | 50               | 12(CC)             | CC/CV |
| 3500K±200 | ≥90 | DC24V   | 10       | 580          | 58                | 50               | 12(CC)             | CC/CV |
| 4000K±300 | ≥90 | DC24V   | 10       | 610          | 61                | 50               | 12(CC)             | CC/CV |
| 5000K±300 | ≥90 | DC24V   | 10       | 590          | 59                | 50               | 12(CC)             | CC/CV |
| 6000K±300 | ≥90 | DC24V   | 10       | 590          | 59                | 50               | 12(CC)             | CC/CV |

## Cable Entry

### Front Cable Entry:

The cable could be hidden in all directions by the flexible design.

#### Integral end cap



#### Combined end cap



#### Silicone end cap



### Side Cable Entry:

The cable could be perfectly hidden to achieve seamless light connection.



### Bottom Cable Entry:

The cable could be perfectly hidden to achieve seamless light connection.



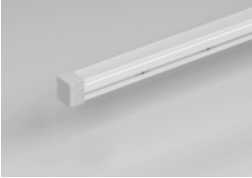
#### Integral closed end cap



#### Solder free closed end cap

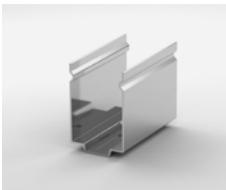


#### Silicone closed end cap



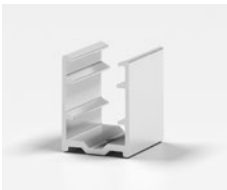
## Accessories

### Mounting Clips



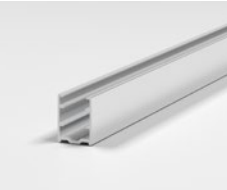
Dimension:  
20x12.8x18.9mm

### Aluminium Mounting clips



Dimension:  
20x17.5x22.9mm

### Aluminium Profile

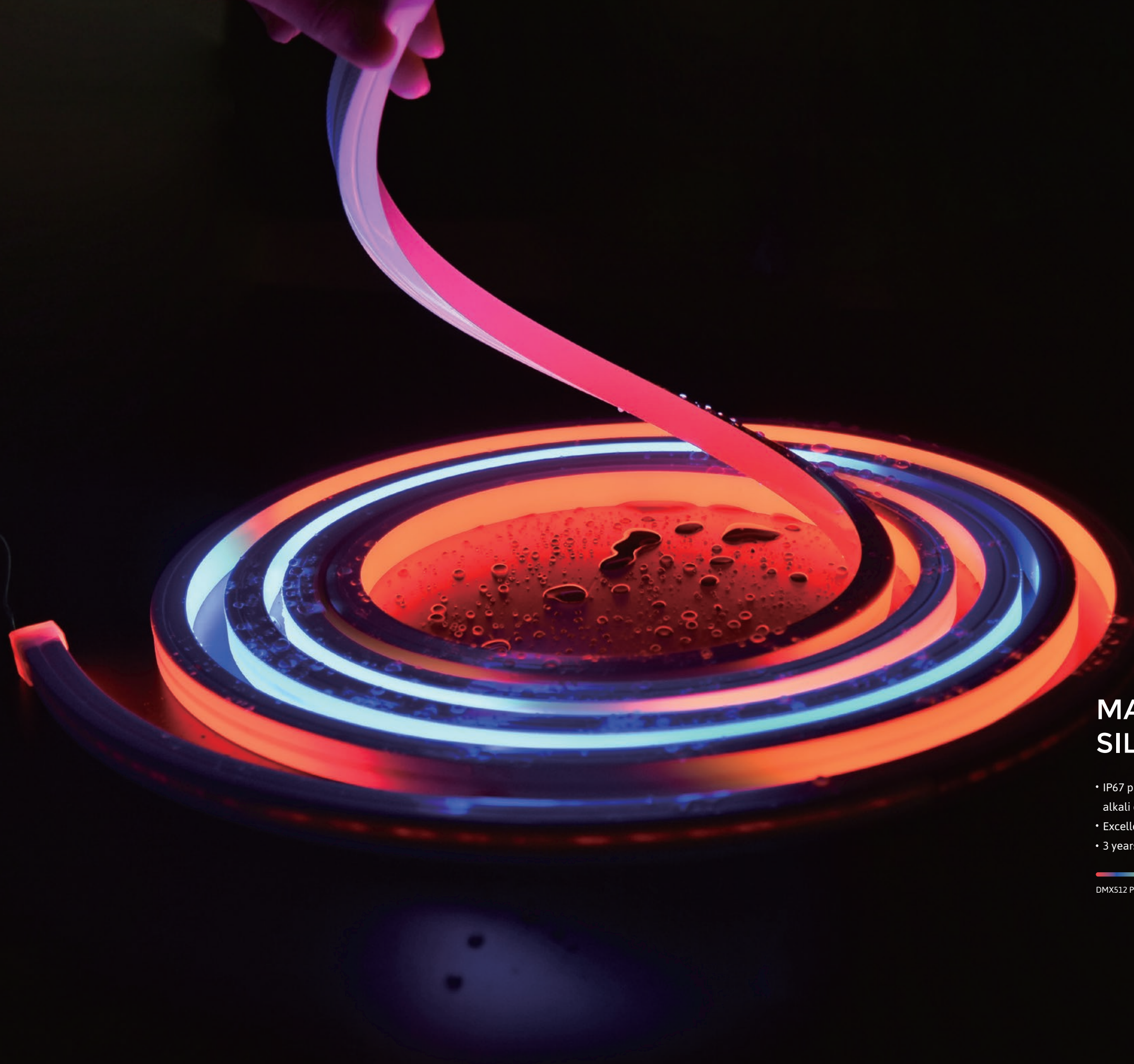


Dimension:  
1000(±5)x17.5x22.9mm

### Suspension Installation



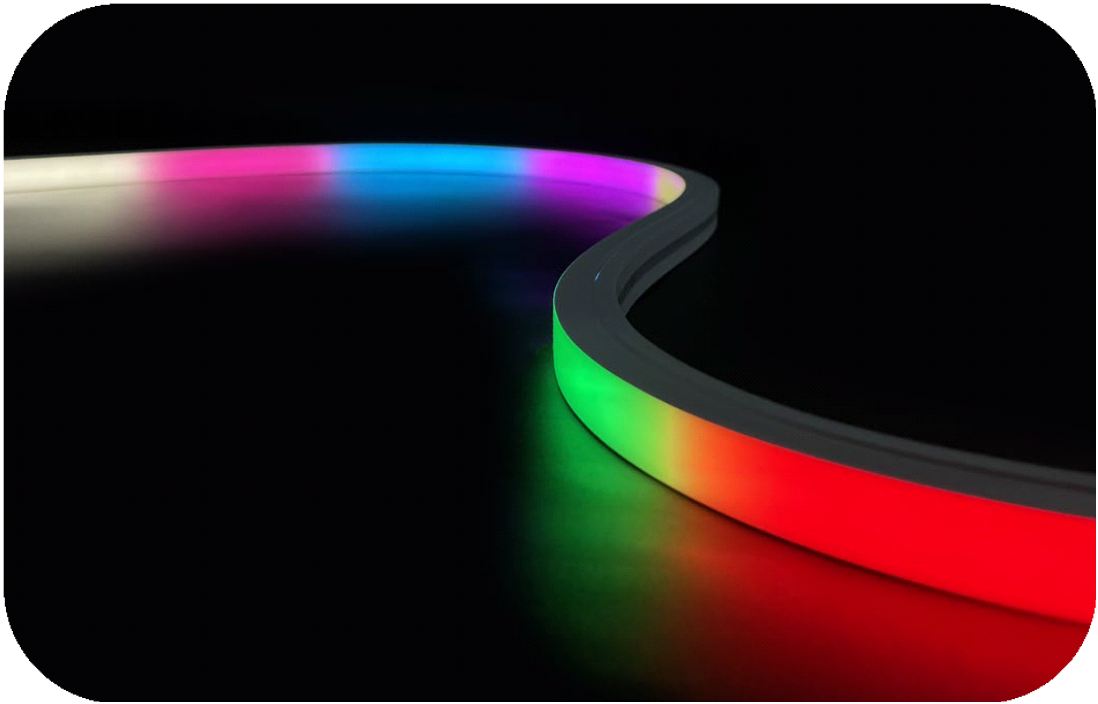
- Use with the profile



## MAGIC SERIES SILICONE NEON STRIP

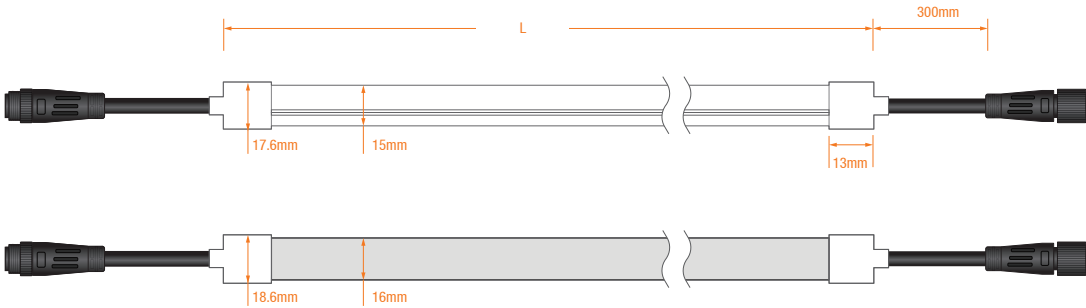
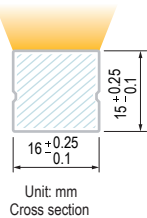
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life  $\geq 30000$  hours;

  
DMX512 Pixel / SPI Pixel



DMX512 Pixel F1615M

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: F1615M

Cable

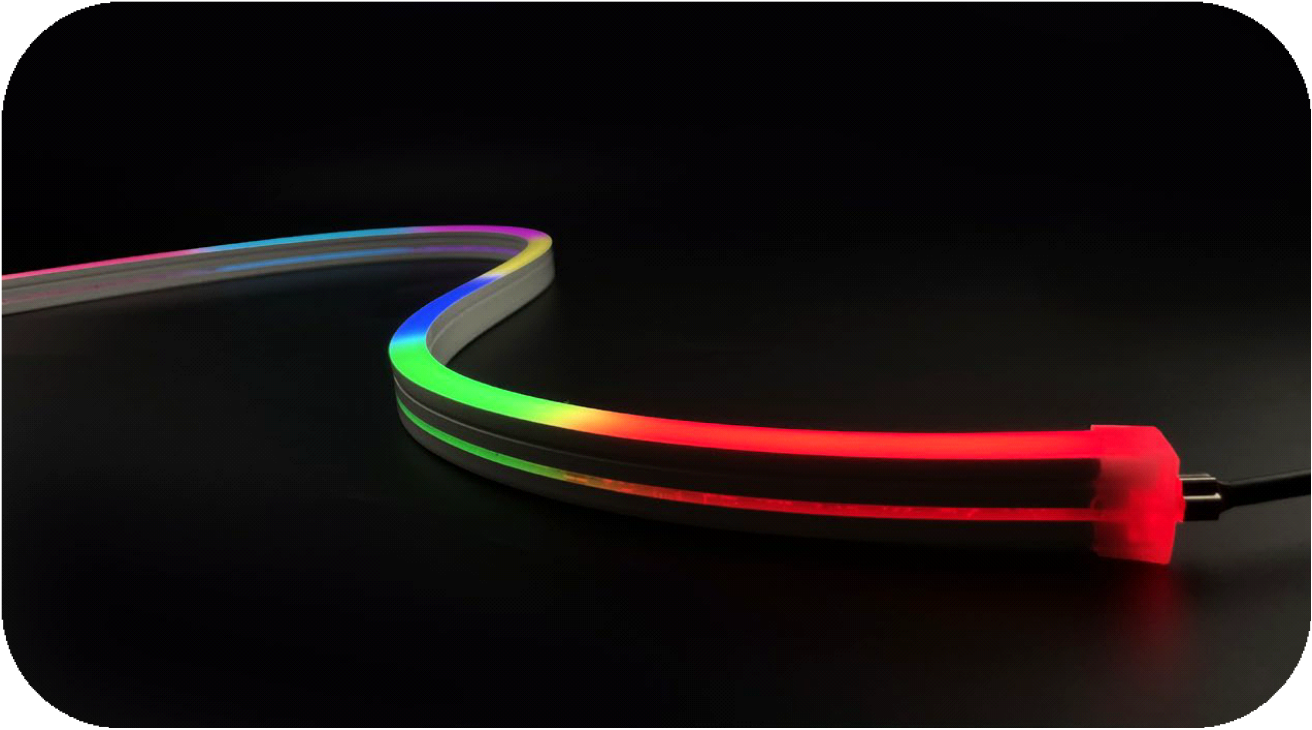
| Cable Type     | Schematic Diagram | Specification | Core  | Electrical Properties                                          |
|----------------|-------------------|---------------|-------|----------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     | ●●●   | SPI: Red V+, Green DI/DO, Black V-                             |
|                |                   | OD: 5.5mm     | ●●●●  | Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     | ●●●○● | DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |
| Silicone Cable |                   | OD: 5.0mm     | ●●●   | SPI: RedV+, GreenDI/DO, BlackV-                                |
|                |                   | OD: 6.0mm     | ●●●●  | Breakpoint Transmission: RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     | ●●●○● | DMX512: RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 51           | 10.6              | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 191          | 39.8              |             |                  |             |           |
|             | 4.8         | B         | 32           | 6.7               |             |                  |             |           |
|             | 12          | RGB       | 266          | 22.2              |             |                  |             |           |

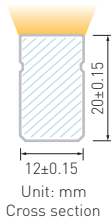
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 44           | 9.2               | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 119          | 24.8              |             |                  |             |           |
|             | 4.8         | B         | 34           | 7.1               |             |                  |             |           |
|             | 4.8         | W(4000K)  | 153          | 31.9              |             |                  |             |           |
|             | 15          | RGBW      | 329          | 21.9              |             |                  |             |           |

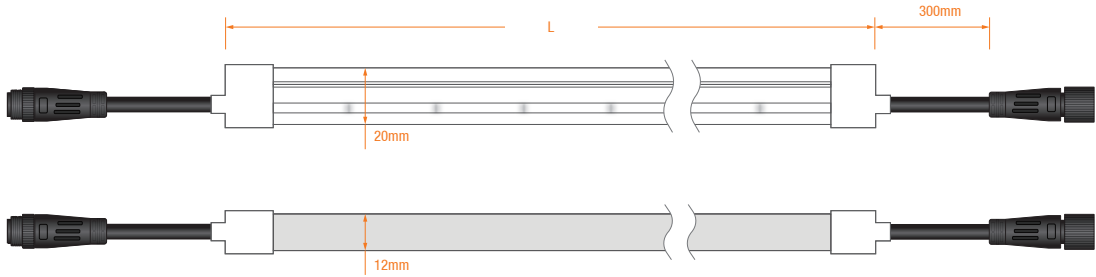


DMX512 Pixel S1220M

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S1220M



Cable

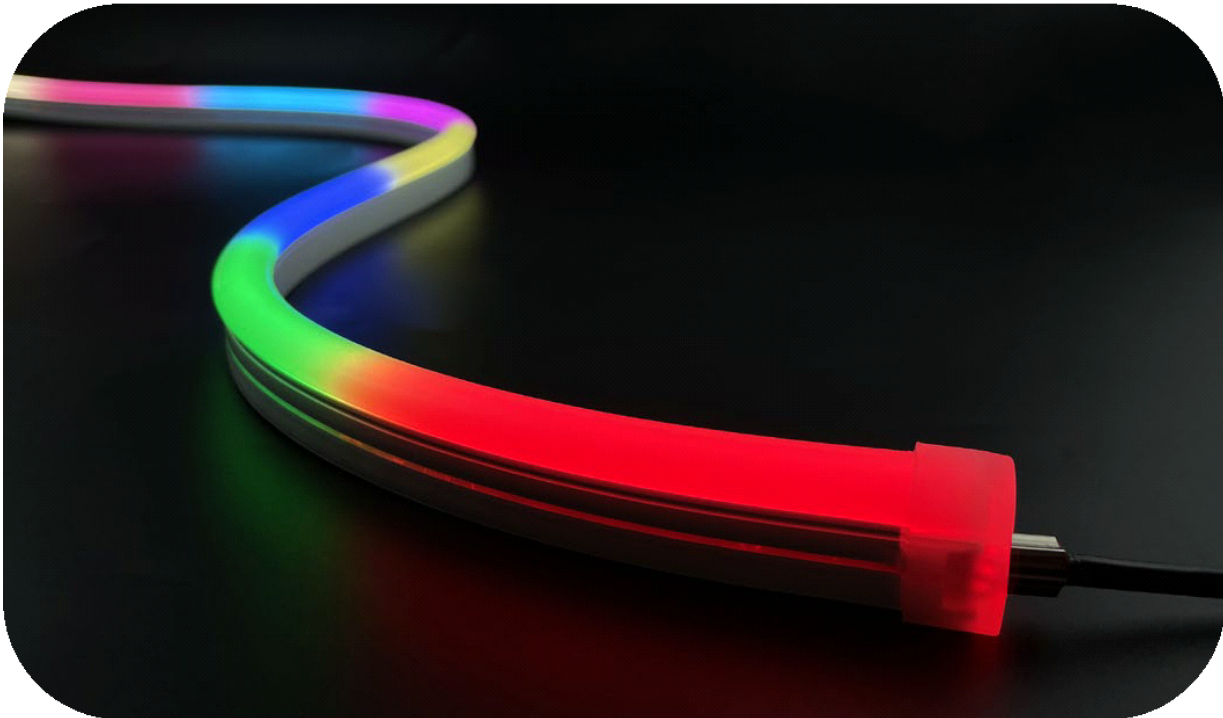
| Cable Type     | Schematic Diagram | Specification | Core      | Electrical Properties                                             |
|----------------|-------------------|---------------|-----------|-------------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     | ● ● ●     | SPI: Red V+, Green DI/DO, Black V-                                |
|                |                   | OD: 5.5mm     | ● ● ● ●   | Breakpoint Transmission:<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     | ● ● ● ○ ● | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |
| Silicone Cable |                   | OD: 5.0mm     | ● ● ●     | SPI: RedV+, GreenDI/DO, BlackV-                                   |
|                |                   | OD: 6.0mm     | ● ● ● ●   | Breakpoint Transmission:<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     | ● ● ● ○ ● | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 30           | 6.3               | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 115          | 24.0              |             |                  |             |           |
|             | 4.8         | B         | 20           | 4.2               |             |                  |             |           |
|             | 12          | RGB       | 161          | 13.4              |             |                  |             |           |

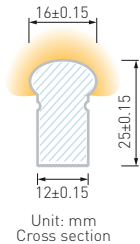
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 28           | 5.8               | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 80           | 16.7              |             |                  |             |           |
|             | 4.8         | B         | 16           | 3.3               |             |                  |             |           |
|             | 4.8         | W(4000K)  | 96           | 20.0              |             |                  |             |           |
|             | 15          | RGBW      | 211          | 14.1              |             |                  |             |           |

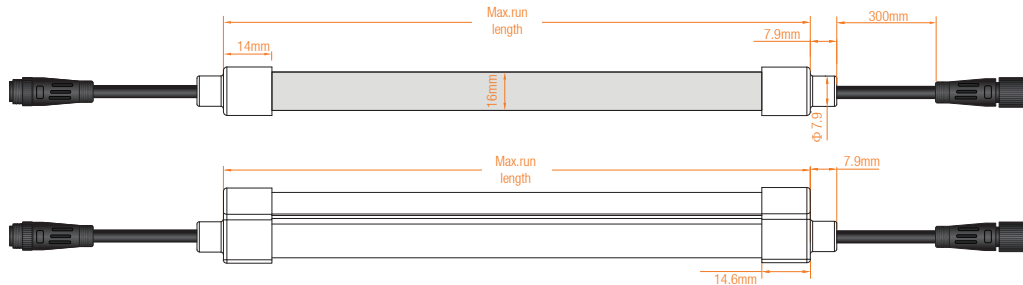


DMX512 Pixel S1225M

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S1225M



Cable

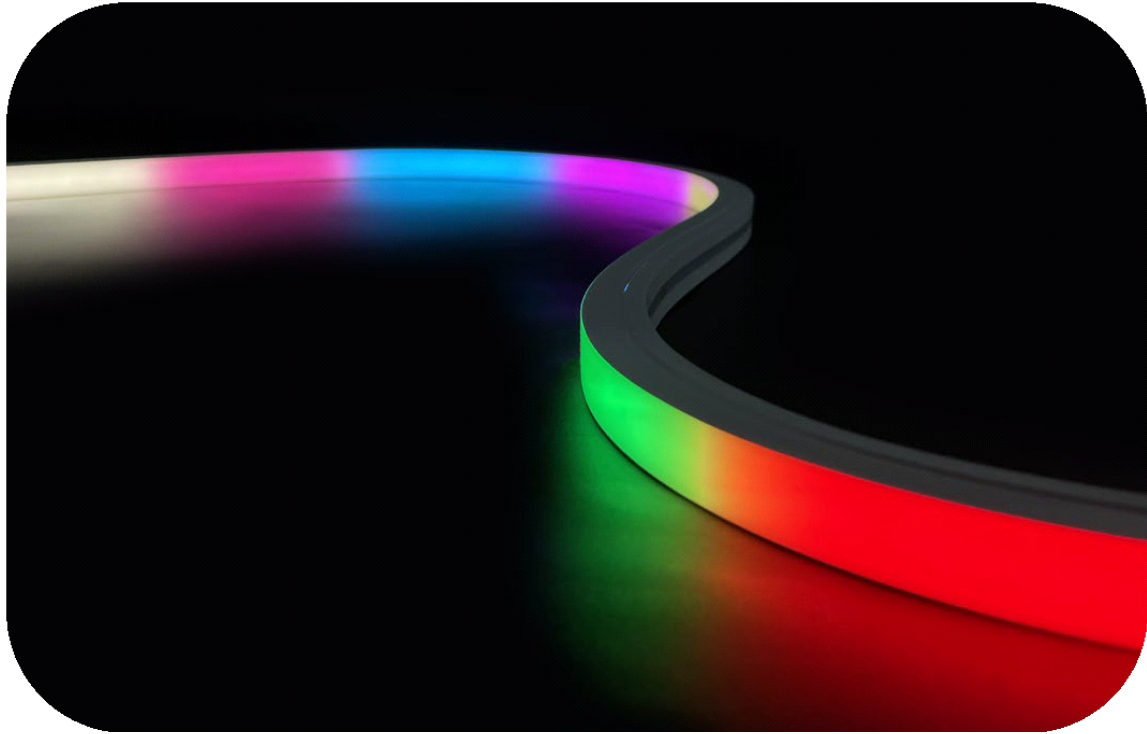
| Cable Type     | Schematic Diagram | Specification | Core      | Electrical Properties                                             |
|----------------|-------------------|---------------|-----------|-------------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     | ● ● ●     | SPI: Red V+, Green DI/DO, Black V-                                |
|                |                   | OD: 5.5mm     | ● ● ● ●   | Breakpoint Transmission:<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     | ● ● ● ● ○ | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |
| Silicone Cable |                   | OD: 5.0mm     | ● ● ●     | SPI: RedV+, GreenDI/DO, BlackV-                                   |
|                |                   | OD: 6.0mm     | ● ● ● ●   | Breakpoint Transmission:<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     | ● ● ● ● ○ | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-      |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 27           | 5.6               | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 107          | 22.3              |             |                  |             |           |
|             | 4.8         | B         | 19           | 4.0               |             |                  |             |           |
|             | 12          | RGB       | 148          | 12.3              |             |                  |             |           |

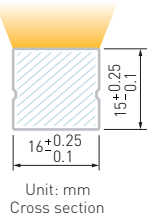
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model  |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|-----------|
| DC24V       | 4.8         | R         | 26           | 5.4               | 8           | 125              | DMX512      | UCS512C2L |
|             | 4.8         | G         | 74           | 15.4              |             |                  |             |           |
|             | 4.8         | B         | 23           | 4.8               |             |                  |             |           |
|             | 4.8         | W(4000K)  | 90           | 18.8              |             |                  |             |           |
|             | 15          | RGBW      | 208          | 13.9              |             |                  |             |           |

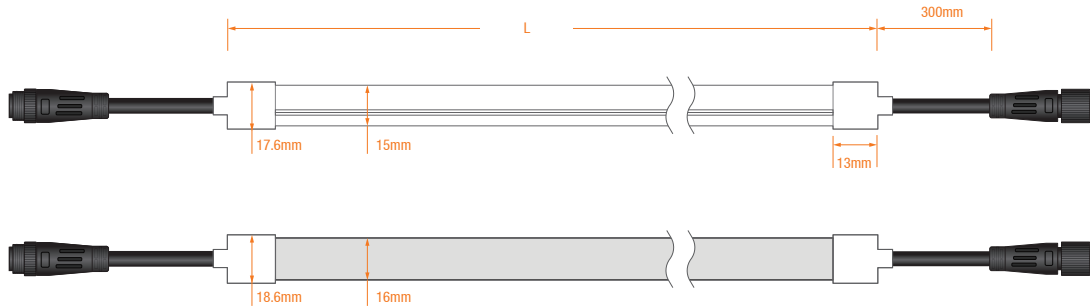


SPI Pixel F1615P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: F1615P



Cable

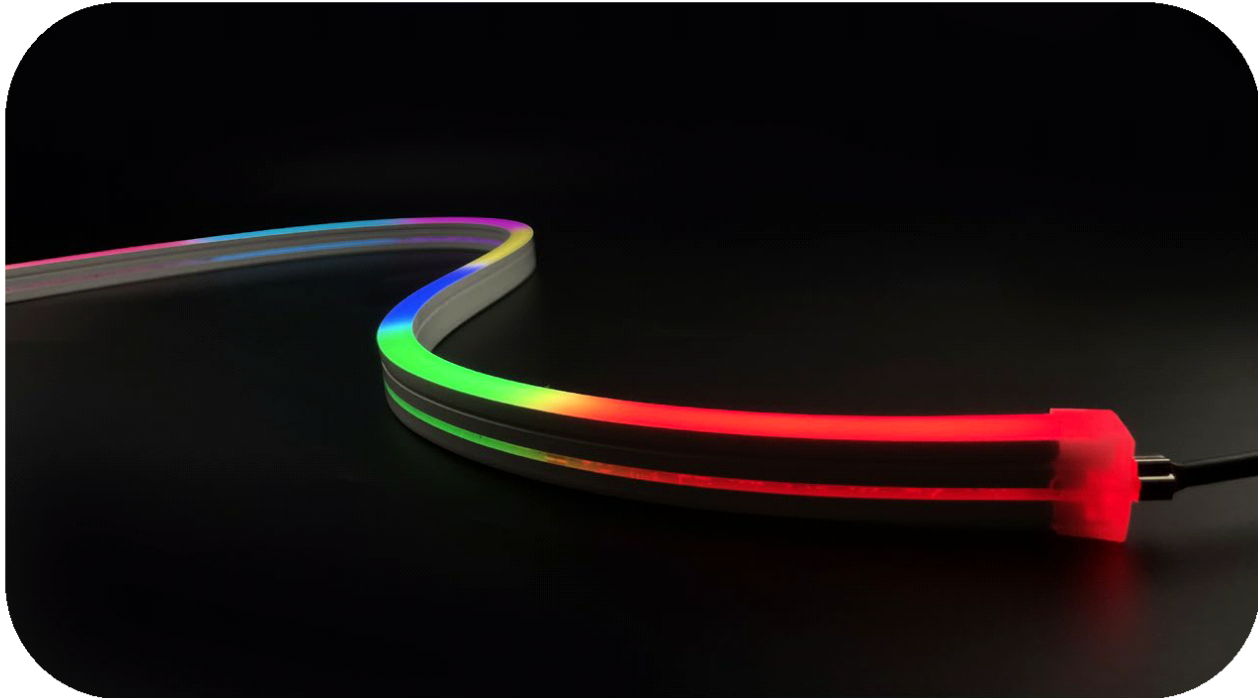
| Cable Type     | Schematic Diagram | Specification | Core | Electrical Properties                                              |
|----------------|-------------------|---------------|------|--------------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     |      | SPI: Red V+, Green DI/DO, Black V-                                 |
|                |                   | OD: 5.5mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |
| Silicone Cable |                   | OD: 5.0mm     |      | SPI: RedV+, GreenDI/DO, BlackV-                                    |
|                |                   | OD: 6.0mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type             | IC Model       |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------------------|----------------|
| DC24V       | 5           | R         | 48           | 9.6               | 8           | 125              | Breakpoint Transmission | UCS2603/WS2818 |
|             | 5           | G         | 184          | 36.8              |             |                  |                         |                |
|             | 5           | B         | 32           | 6.4               |             |                  |                         |                |
|             | 12          | RGB       | 262          | 21.8              |             |                  |                         |                |

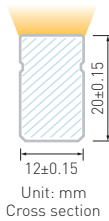
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 42           | 8.8               | 8           | 125              | SPI         | UCS2904  |
|             | 4.8         | G         | 117          | 24.4              |             |                  |             |          |
|             | 4.8         | B         | 36           | 7.5               |             |                  |             |          |
|             | 4.8         | W(4000K)  | 162          | 33.8              |             |                  |             |          |
|             | 14.5        | RGBW      | 342          | 23.6              |             |                  |             |          |

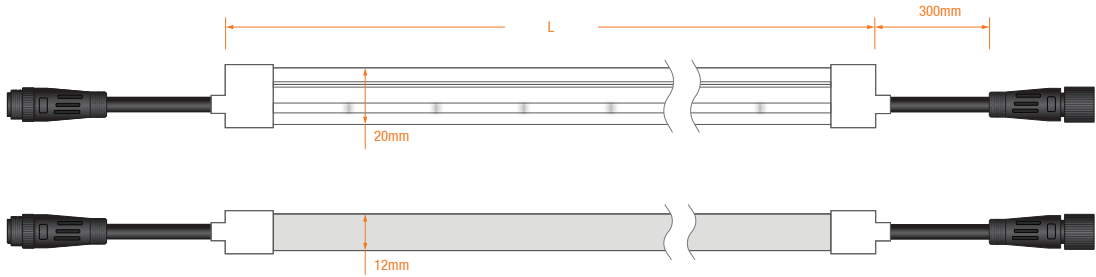


SPI Pixel S1220P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S1220P



Cable

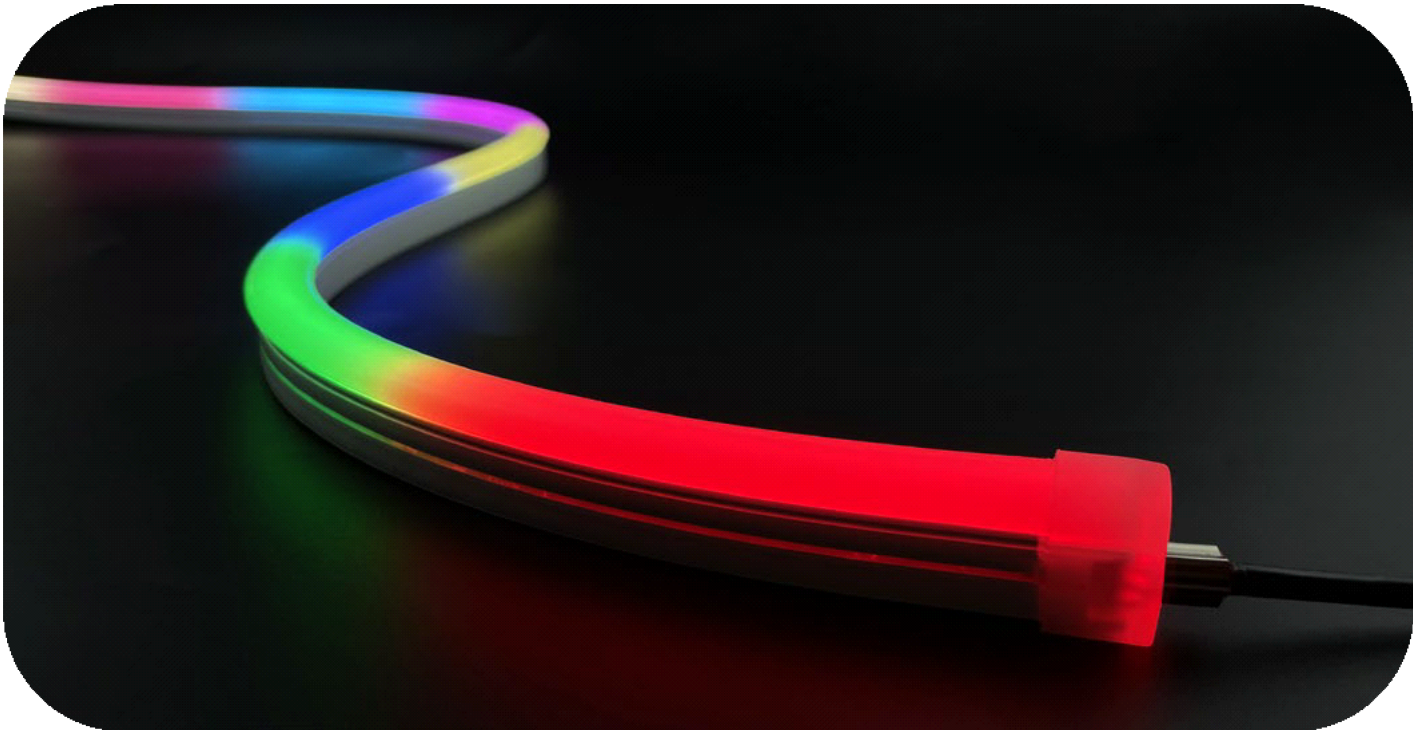
| Cable Type     | Schematic Diagram | Specification | Core | Electrical Properties                                              |
|----------------|-------------------|---------------|------|--------------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     |      | SPI: Red V+, Green DI/DO, Black V-                                 |
|                |                   | OD: 5.5mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |
| Silicone Cable |                   | OD: 5.0mm     |      | SPI: RedV+, GreenDI/DO, BlackV-                                    |
|                |                   | OD: 6.0mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type             | IC Model       |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------------------|----------------|
| DC24V       | 5           | R         | 28           | 5.6               | 8           | 125              | Breakpoint Transmission | UCS2603/WS2818 |
|             | 5           | G         | 110          | 22.1              |             |                  |                         |                |
|             | 5           | B         | 20           | 4.0               |             |                  |                         |                |
|             | 12          | RGB       | 159          | 13.2              |             |                  |                         |                |

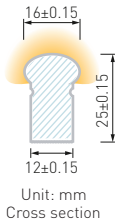
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 29           | 6.0               | 8           | 125              | SPI         | UCS2904  |
|             | 4.8         | G         | 78           | 16.3              |             |                  |             |          |
|             | 4.8         | B         | 23           | 4.8               |             |                  |             |          |
|             | 4.8         | W(4000K)  | 96           | 20.0              |             |                  |             |          |
|             | 14.5        | RGBW      | 218          | 15.0              |             |                  |             |          |

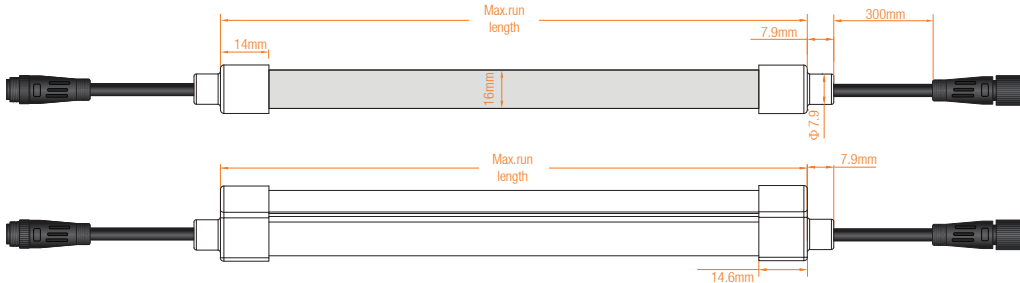


SPI Pixel S1225P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S1225P



Cable

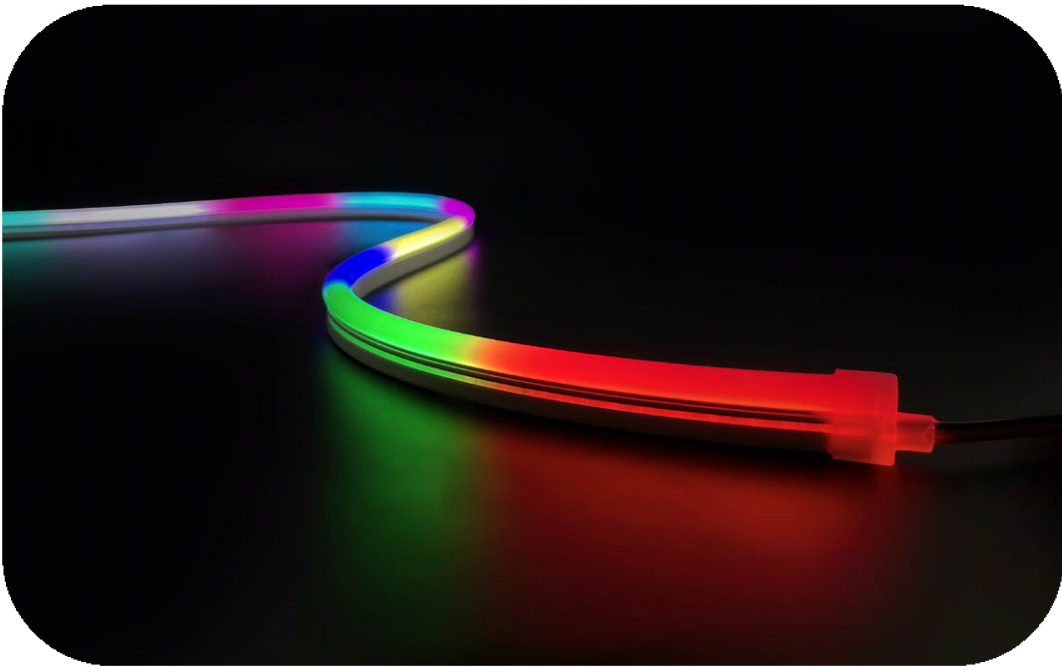
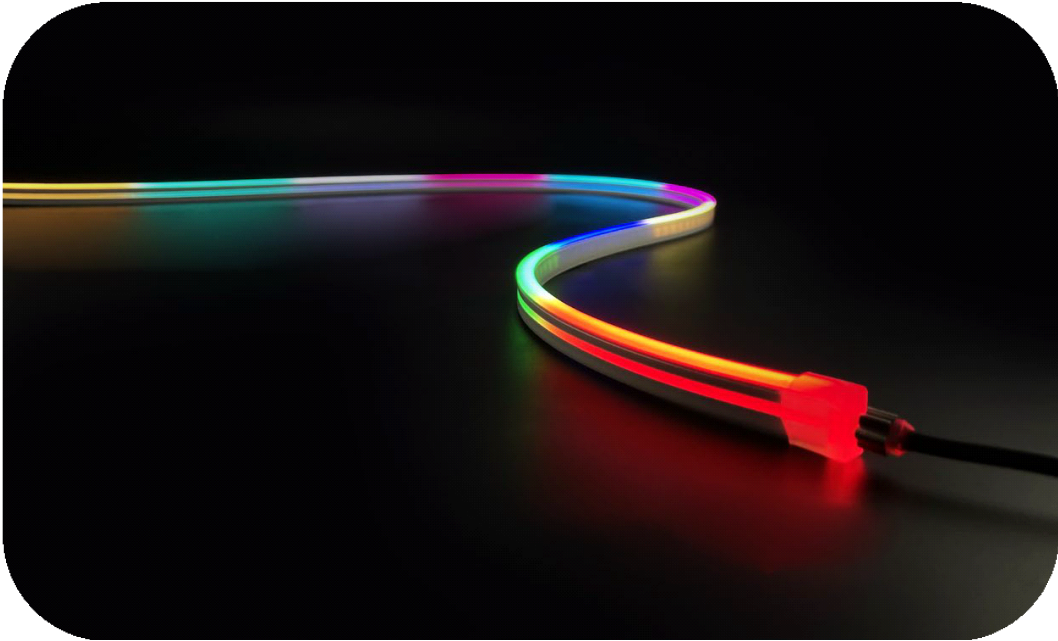
| Cable Type     | Schematic Diagram | Specification | Core | Electrical Properties                                              |
|----------------|-------------------|---------------|------|--------------------------------------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     |      | SPI: Red V+, Green DI/DO, Black V-                                 |
|                |                   | OD: 5.5mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 5.5mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |
| Silicone Cable |                   | OD: 5.0mm     |      | SPI: RedV+, GreenDI/DO, BlackV-                                    |
|                |                   | OD: 6.0mm     |      | Breakpoint Transmission :<br>RedV+, GreenBI/BO, BlueDI/DO, BlackV- |
|                |                   | OD: 6.0mm     |      | DMX512:<br>RedV+, GreenPI/PO, BlueAI/AO, WhiteBI/BO, BlackV-       |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type             | IC Model       |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------------------|----------------|
| DC24V       | 5           | R         | 25           | 5.0               | 8           | 125              | Breakpoint Transmission | UCS2603/WS2818 |
|             | 5           | G         | 102          | 20.4              |             |                  |                         |                |
|             | 5           | B         | 19           | 3.8               |             |                  |                         |                |
|             | 12          | RGB       | 145          | 12.1              |             |                  |                         |                |

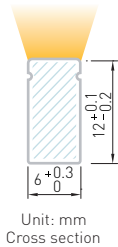
RGBW

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 24           | 5.0               | 8           | 125              | SPI         | UCS2904  |
|             | 4.8         | G         | 72           | 15.0              |             |                  |             |          |
|             | 4.8         | B         | 22           | 4.6               |             |                  |             |          |
|             | 4.8         | W(4000K)  | 87           | 18.1              |             |                  |             |          |
|             | 14.5        | RGBW      | 200          | 13.8              |             |                  |             |          |

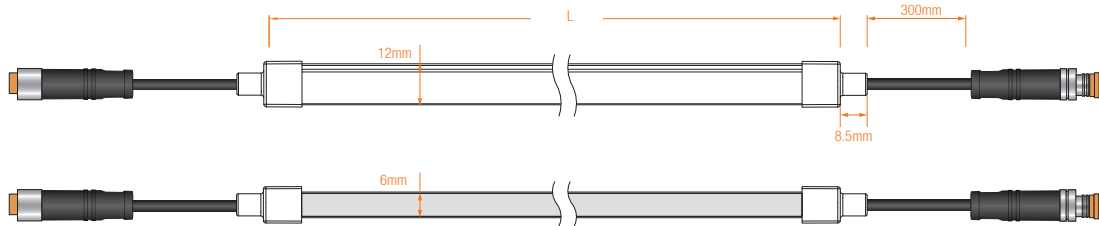


SPI Pixel S0612P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S0612P



Cable

| Cable Type | Schematic Diagram | Specification | Core  | Electrical Properties              |
|------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable  |                   | OD: 4.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 42           | 8.8               | 10          | 100              | SPI         | WS2811   |
|             | 4.8         | G         | 122          | 25.4              |             |                  |             |          |
|             | 4.8         | B         | 22           | 4.6               |             |                  |             |          |
|             | 12.5        | RGB       | 162          | 13.0              |             |                  |             |          |

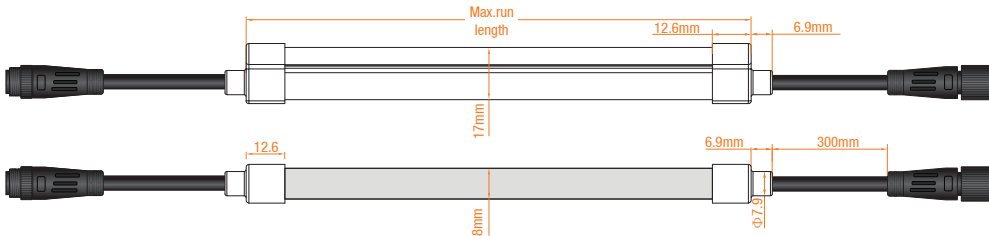


SPI Pixel S0817P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: S0817P



Cable

| Cable Type | Schematic Diagram | Specification | Core  | Electrical Properties              |
|------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable  |                   | OD: 5.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

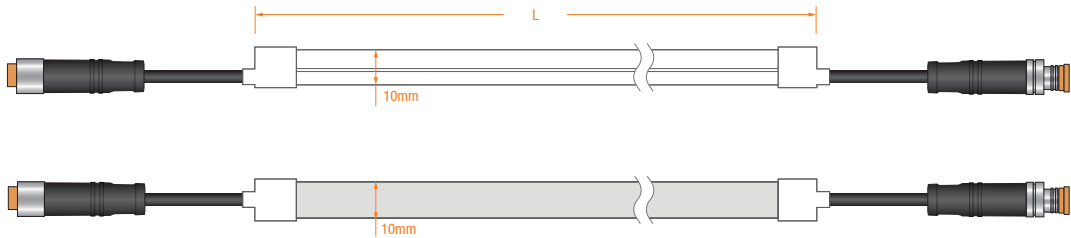
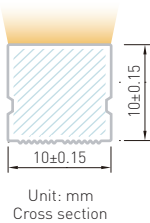
RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 36           | 7.5               | 10          | 100              | SPI         | WS2811   |
|             | 4.8         | G         | 114          | 23.8              |             |                  |             |          |
|             | 4.8         | B         | 19           | 4.0               |             |                  |             |          |
|             | 12.5        | RGB       | 152          | 12.2              |             |                  |             |          |
|             |             |           |              |                   |             |                  |             |          |



SPI Pixel F1010P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: F1010P

Cable

| Cable Type | Schematic Diagram | Specification | Core  | Electrical Properties              |
|------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable  |                   | OD: 4.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

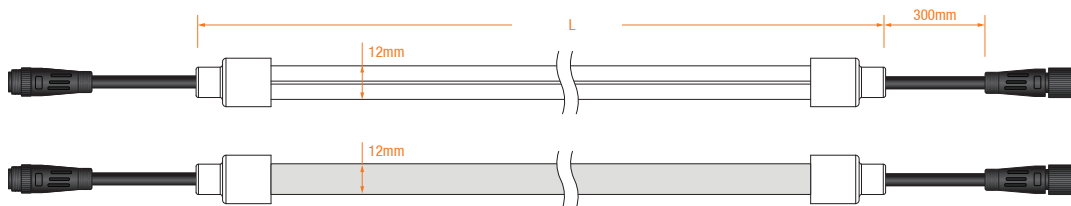
RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 69           | 14.4              | 10          | 100              | SPI         | WS2811   |
|             | 4.8         | G         | 216          | 45.0              |             |                  |             |          |
|             | 4.8         | B         | 35           | 7.3               |             |                  |             |          |
|             | 12.5        | RGB       | 304          | 24.3              |             |                  |             |          |



SPI Pixel F1212P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



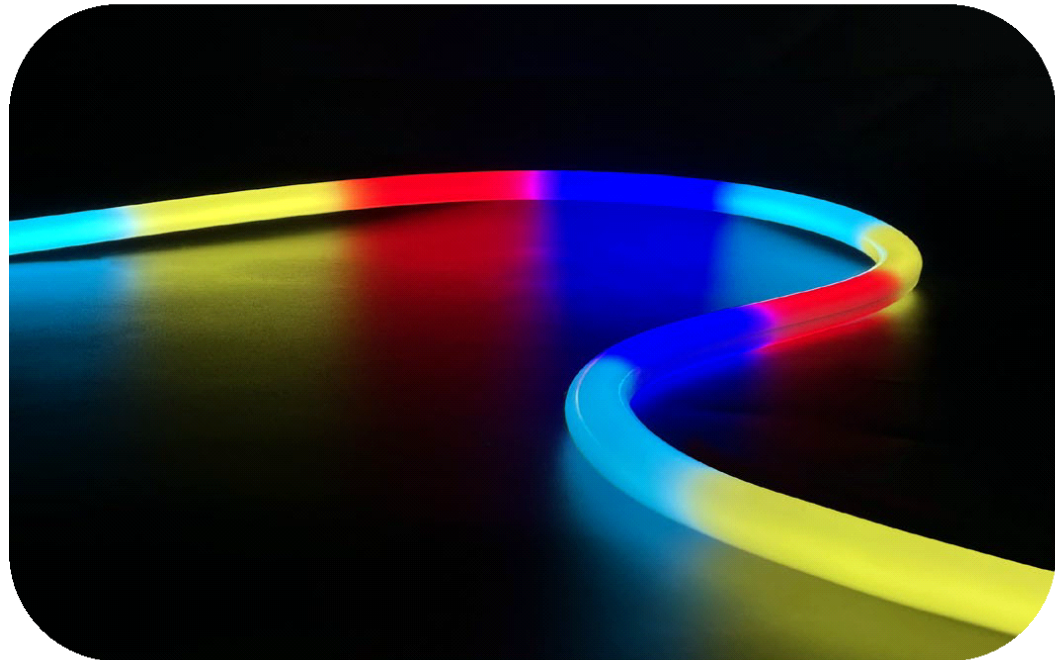
Model: F1212P

Cable

| Cable Type | Schematic Diagram | Specification | Core  | Electrical Properties              |
|------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable  |                   | OD: 5.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

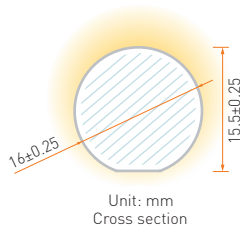
RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 60           | 12.5              | 10          | 100              | SPI         | WS2811   |
|             | 4.8         | G         | 194          | 40.4              |             |                  |             |          |
|             | 4.8         | B         | 33           | 6.9               |             |                  |             |          |
|             | 12.5        | RGB       | 266          | 21.3              |             |                  |             |          |
|             |             |           |              |                   |             |                  |             |          |

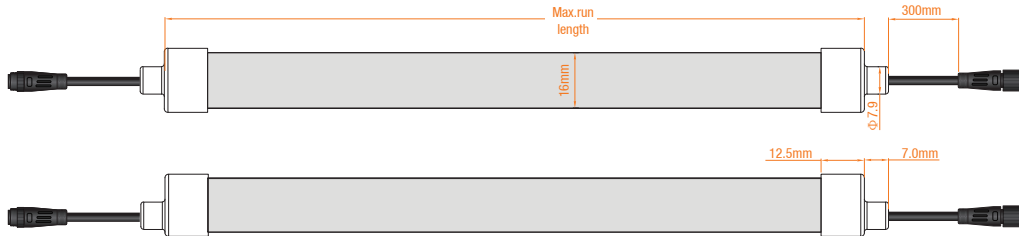


SPI Pixel D16P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: D16P

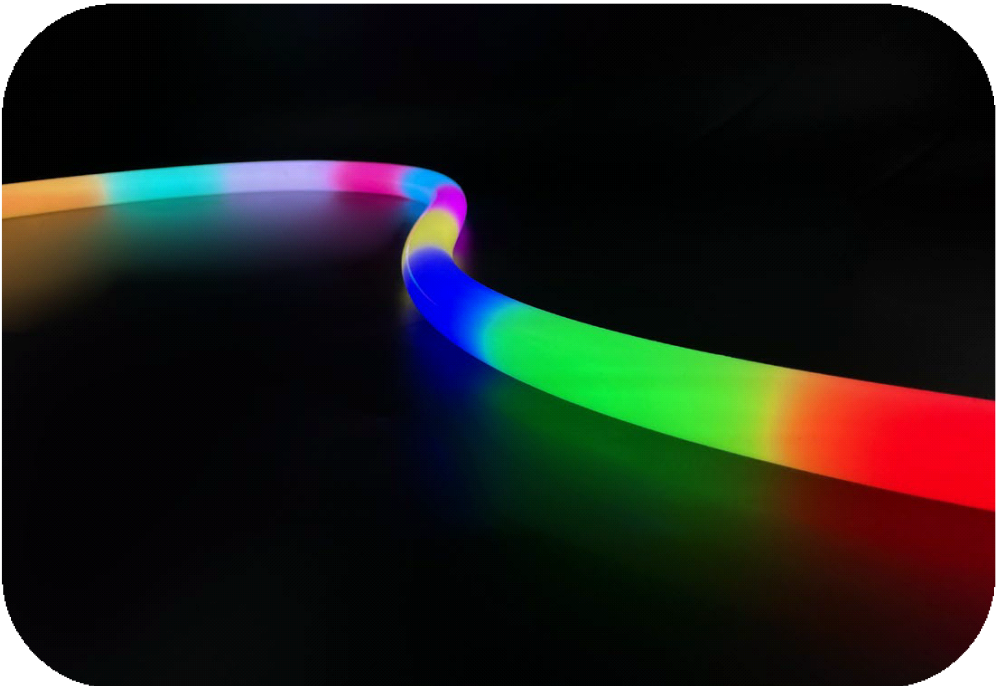


Cable

| Cable Type | Schematic Diagram | Specification | Core  | Electrical Properties              |
|------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable  |                   | OD: 5.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

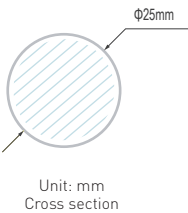
RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 4.8         | R         | 69           | 14.4              | 10          | 100              | SPI         | WS2811   |
|             | 4.8         | G         | 219          | 45.6              |             |                  |             |          |
|             | 4.8         | B         | 41           | 8.5               |             |                  |             |          |
|             | 12.5        | RGB       | 294          | 23.5              |             |                  |             |          |

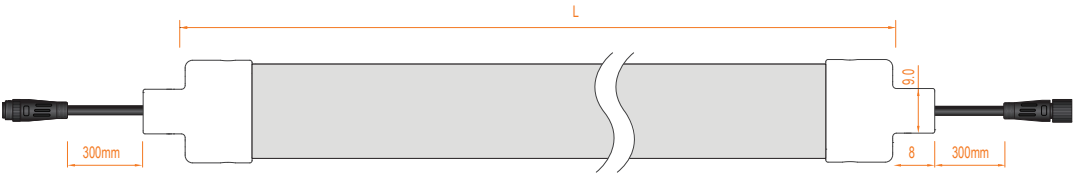


SPI Pixel D25P

- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV resistance.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;



Model: D25P



Cable

| Cable Type     | Schematic Diagram | Specification | Core  | Electrical Properties              |
|----------------|-------------------|---------------|-------|------------------------------------|
| PVC Cable      |                   | OD: 5.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |
| Silicone Cable |                   | OD: 5.0mm     | ● ● ● | SPI: Red V+, Green DI/DO, Black V- |

RGB

| Voltage (V) | Power (W/M) | CCT/Color | Lumen (LM/M) | Efficiency (LM/W) | Pixel (PCS) | Unit length (mm) | Signal Type | IC Model |
|-------------|-------------|-----------|--------------|-------------------|-------------|------------------|-------------|----------|
| DC24V       | 9.6         | R         | 112          | 11.7              | 10          | 100              | SPI         | WS2811   |
|             | 9.6         | G         | 350          | 36.5              |             |                  |             |          |
|             | 9.6         | B         | 54           | 5.6               |             |                  |             |          |
|             | 25          | RGB       | 474          | 19.0              |             |                  |             |          |
|             |             |           |              |                   |             |                  |             |          |