



**IP68  
SIDE 1617**

**SILICONE NEON  
STRIP**

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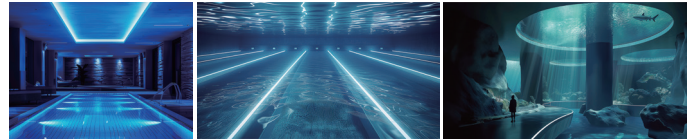
**Side View 1617**

**YH-NWS1617V24**



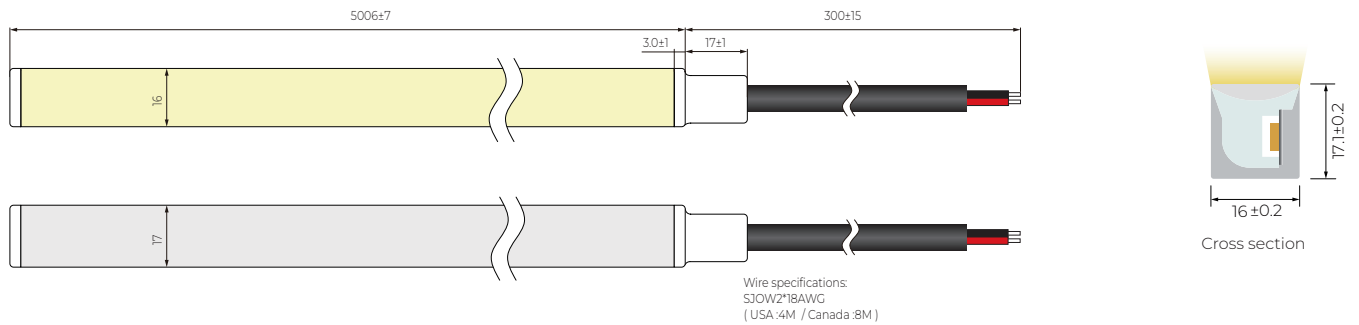
- Advanced sealing tech, integrated molding process for IP68 protection and 5m underwater depth.
- Made from chlorine-resistant silicone formula, Chlorine resistance  $\leq 5\text{PPM}$ , has better corrosion resistance, ideal for swimming pools.
- Unique light distribution structure provides uniform illumination with no transparent window, ensuring no light leakage.
- Available in a smooth matte finish for superior dust resistance.
- 3 years warranty, long-life LED > 50,000 hrs.

- application

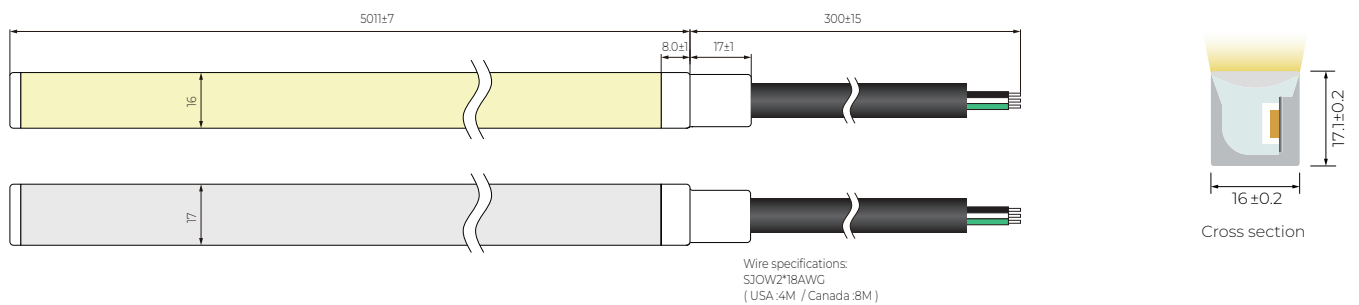


## Dimension structure ( Unit: mm )

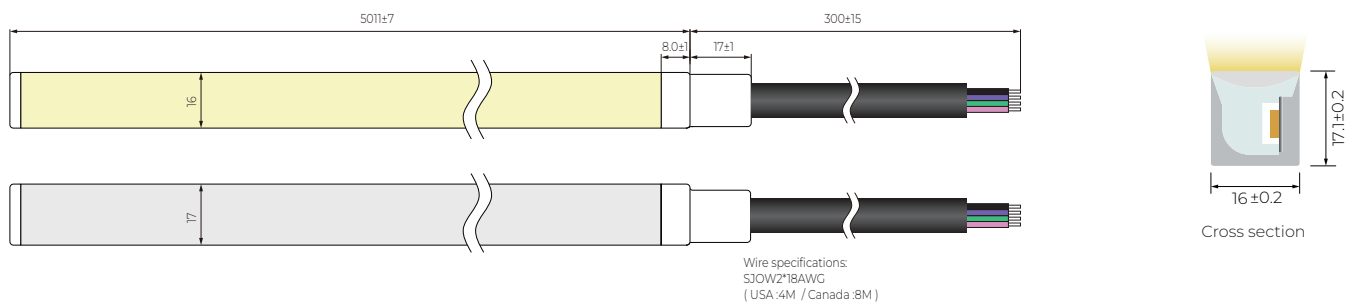
### Single Color



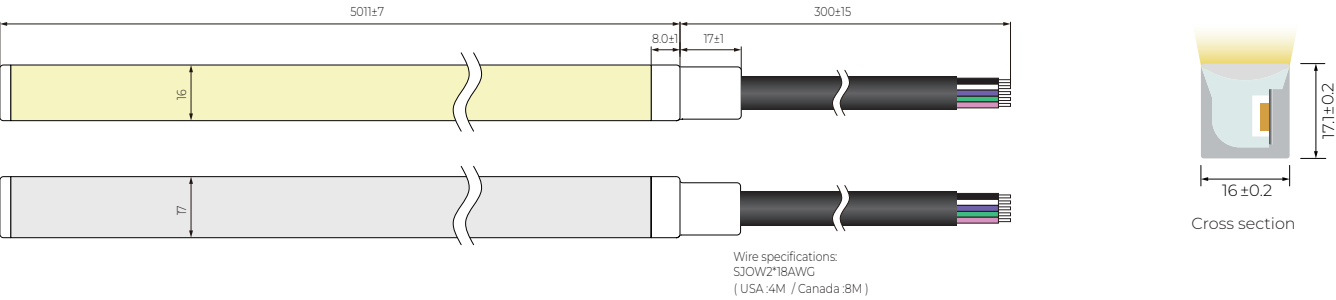
### CCT Tunable



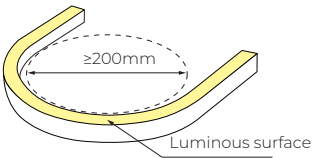
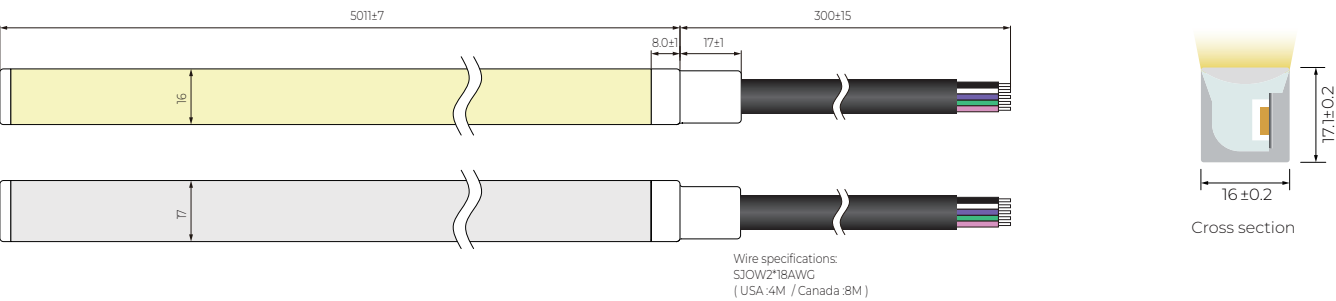
### RGB



## RGBW



## RGBW Pixel



Min bending diameter

## Electrical Parameter

| Voltage | LED PIN Temperature | Storage Temperature | Ambient Temperature           |
|---------|---------------------|---------------------|-------------------------------|
| DC24V   | Max. 65 C           | -25 C ~ 60 C        | Min.-25°C<br>Max(Table below) |

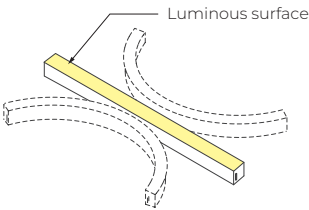
## Specification

| Power (w/m) | Efficacy (lm/w) @4000K | Max Ambient Temperature |
|-------------|------------------------|-------------------------|
| 5           | CV:79.9 CC:65          | 55 C                    |
| 10          | CV:77 CC:62.6          | 45 C                    |
| 15          | CV:74.6 CC:60.6        | 35 C                    |

Due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%

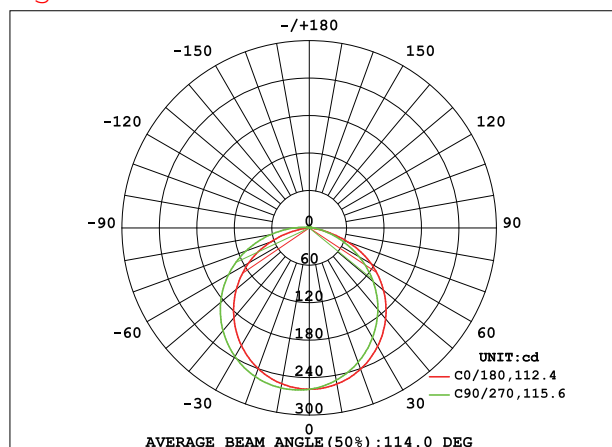
## Length Standard

| Length Range (M)    | Final Length (mm)                |                          |                                | Tolerance (mm) |
|---------------------|----------------------------------|--------------------------|--------------------------------|----------------|
|                     | Single color<br>Integral end cap | RGBW<br>Integral end cap | RGBW Pixel<br>Integral end cap |                |
| 0<Neon Strip(L)≤5   | L+6                              | L+11                     | L+11                           | ±7             |
| 5<Neon Strip(L)≤10  | L+6                              | --                       | --                             | ±10            |
| 10<Neon Strip(L)≤15 | L+6                              | --                       | --                             | ±13            |
| 15<Neon Strip(L)≤20 | L+6                              | --                       | --                             | ±16            |
| 20<Neon Strip(L)≤25 | L+6                              | --                       | --                             | ±19            |
| 25<Neon Strip(L)≤30 | L+6                              | --                       | --                             | ±22            |
| 30<Neon Strip(L)≤35 | L+6                              | --                       | --                             | ±25            |

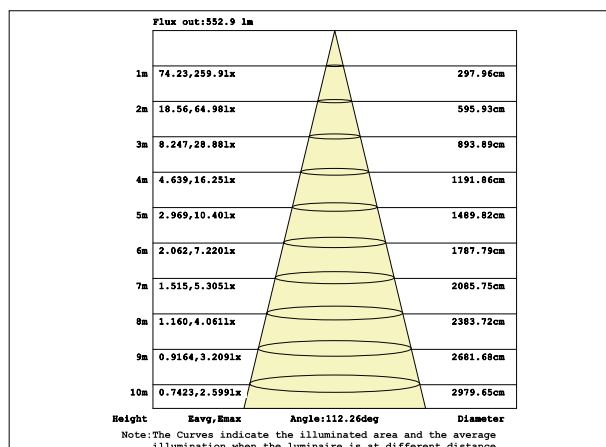


Bend horizontal only

## Light Distribution Curve

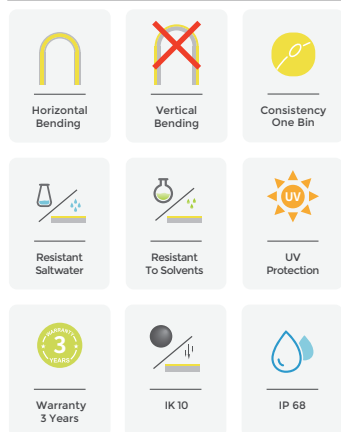


## Illuminance curve



Note: The above data is based on 24V ,10W/M, single colour with 4000k colour temperature.

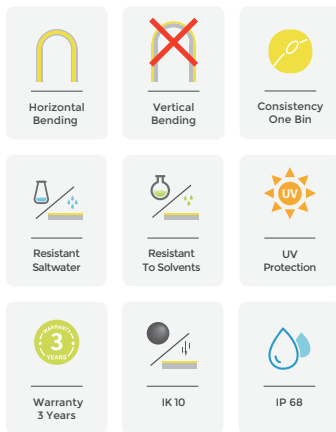
## Parameter Table



### Single color : CV

| CCT(K)   | RA  | SDCM | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max Run Length (M) | CC/CV |
|----------|-----|------|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 1800±150 | ≥90 | --   | DC24V   | 5        | 278          | 55.6              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 530          | 53.0              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 758          | 50.5              | 50               | 5                  | CV    |
| 2100±150 | ≥90 | --   | DC24V   | 5        | 310          | 61.9              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 590          | 59.0              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 844          | 56.3              | 50               | 5                  | CV    |
| 2400±150 | ≥90 | --   | DC24V   | 5        | 329          | 65.8              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 630          | 63.0              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 909          | 60.6              | 50               | 5                  | CV    |
| 2700     | ≥90 | ≤3   | DC24V   | 5        | 355          | 71.0              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 673          | 67.3              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 965          | 64.4              | 50               | 5                  | CV    |
| 3000     | ≥90 | ≤3   | DC24V   | 5        | 375          | 75.0              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 712          | 71.2              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 1022         | 68.1              | 50               | 5                  | CV    |
| 3500     | ≥90 | ≤3   | DC24V   | 5        | 390          | 78.1              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 747          | 74.7              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 1080         | 72.0              | 50               | 5                  | CV    |
| 4000     | ≥90 | ≤3   | DC24V   | 5        | 400          | 79.9              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 770          | 77.0              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 1119         | 74.6              | 50               | 5                  | CV    |
| 5000     | ≥90 | ≤4   | DC24V   | 5        | 402          | 80.3              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 772          | 77.2              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 1118         | 74.5              | 50               | 5                  | CV    |
| 6500     | ≥90 | ≤5   | DC24V   | 5        | 410          | 82.1              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 791          | 79.1              | 50               | 7                  | CV    |
|          |     |      |         | 15       | 1148         | 76.6              | 50               | 5                  | CV    |
| Red      | --  | --   | DC24V   | 5        | 147          | 29.4              | 50               | 15                 | CV    |
|          |     |      |         | 10       | 295          | 29.5              | 50               | 9                  | CV    |
|          |     |      |         | 15       | 435          | 29.0              | 50               | 7                  | CV    |
| Green    | --  | --   | DC24V   | 5        | 438          | 87.5              | 50               | 12                 | CV    |
|          |     |      |         | 10       | 727          | 72.7              | 50               | 9                  | CV    |
|          |     |      |         | 15       | 939          | 62.6              | 50               | 7                  | CV    |
| Blue     | --  | --   | DC24V   | 5        | 78           | 15.6              | 50               | 8                  | CV    |
|          |     |      |         | 10       | 148          | 14.8              | 50               | 6                  | CV    |
|          |     |      |         | 15       | 206          | 13.7              | 50               | 5                  | CV    |
| Yellow   | --  | --   | DC24V   | 5        | 120          | 24.0              | 50               | 13                 | CV    |
|          |     |      |         | 10       | 246          | 24.6              | 50               | 8                  | CV    |
|          |     |      |         | 15       | 351          | 23.4              | 50               | 7                  | CV    |
| Orange   | --  | --   | DC24V   | 5        | 149          | 29.7              | 50               | 13                 | CV    |
|          |     |      |         | 10       | 322          | 32.2              | 50               | 9                  | CV    |
|          |     |      |         | 15       | 488          | 32.5              | 50               | 7                  | CV    |
| Pink     | --  | --   | DC24V   | 5        | 330          | 65.9              | 50               | 10                 | CV    |
|          |     |      |         | 10       | 633          | 63.3              | 50               | 6                  | CV    |
|          |     |      |         | 15       | 916          | 61.1              | 50               | 5                  | CV    |

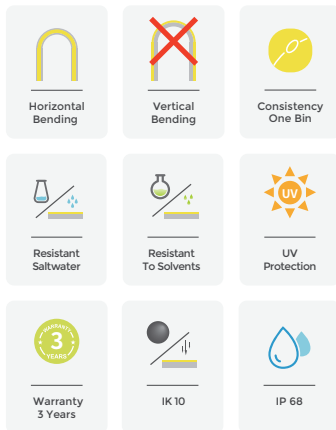
- The maximum series length refers to the maximum length of the light strip with single-end power supply in series under the standard 4000mm cable.
- The given color temperature is the temperature of finished product.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- All products can be dimmed; the dimmer' s voltage should conform to the rated voltage of the led light.
- The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.



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## Singlr color : CC

| CCT(K)   | RA  | SDCM | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max Run Length (M) | CC/CV |
|----------|-----|------|---------|----------|--------------|-------------------|------------------|--------------------|-------|
| 1800±150 | ≥90 | --   | DC24V   | 5        | 227          | 45.3              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 432          | 43.2              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 618          | 41.2              | 50               | 12                 | CC    |
| 2100±150 | ≥90 | --   | DC24V   | 5        | 251          | 50.3              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 479          | 47.9              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 685          | 45.7              | 50               | 12                 | CC    |
| 2400±150 | ≥90 | --   | DC24V   | 5        | 269          | 53.7              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 514          | 51.4              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 742          | 49.4              | 50               | 12                 | CC    |
| 2700     | ≥90 | ≤3   | DC24V   | 5        | 291          | 58.2              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 552          | 55.2              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 792          | 52.8              | 50               | 12                 | CC    |
| 3000     | ≥90 | ≤3   | DC24V   | 5        | 302          | 60.4              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 573          | 57.3              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 822          | 54.8              | 50               | 12                 | CC    |
| 3500     | ≥90 | ≤3   | DC24V   | 5        | 316          | 63.2              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 605          | 60.5              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 874          | 58.3              | 50               | 12                 | CC    |
| 4000     | ≥90 | ≤3   | DC24V   | 5        | 325          | 65.0              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 626          | 62.6              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 910          | 60.6              | 50               | 12                 | CC    |
| 5000     | ≥90 | ≤4   | DC24V   | 5        | 328          | 65.6              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 630          | 63.0              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 912          | 60.8              | 50               | 12                 | CC    |
| 6500     | ≥90 | ≤5   | DC24V   | 5        | 325          | 65.1              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 627          | 62.7              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 910          | 60.7              | 50               | 12                 | CC    |
| Red      | --  | --   | DC24V   | 5        | 126          | 25.1              | 50               | 35                 | CC    |
|          |     |      |         | 10       | 252          | 25.2              | 50               | 18                 | CC    |
|          |     |      |         | --       | --           | --                | --               | --                 | --    |
| Green    | --  | --   | DC24V   | 5        | 357          | 71.4              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 593          | 59.3              | 50               | 16                 | CC    |
|          |     |      |         | 15       | 766          | 51.0              | 50               | 10                 | CC    |
| Blue     | --  | --   | DC24V   | 5        | 65           | 13.0              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 123          | 12.3              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 171          | 11.4              | 50               | 12                 | CC    |
| Yellow   | --  | --   | DC24V   | 5        | 95           | 18.9              | 50               | 35                 | CC    |
|          |     |      |         | 10       | 194          | 19.4              | 50               | 18                 | CC    |
|          |     |      |         | --       | --           | --                | --               | --                 | --    |
| Orange   | --  | --   | DC24V   | 5        | 118          | 23.5              | 50               | 35                 | CC    |
|          |     |      |         | 10       | 255          | 25.5              | 50               | 18                 | CC    |
|          |     |      |         | --       | --           | --                | --               | --                 | --    |
| Pink     | --  | --   | DC24V   | 5        | 266          | 53.2              | 50               | 27                 | CC    |
|          |     |      |         | 10       | 511          | 51.1              | 50               | 18                 | CC    |
|          |     |      |         | 15       | 740          | 49.3              | 50               | 12                 | CC    |



- The maximum series length refers to the maximum length of the light strip with single-end power supply in series under the standard 4000mm cable.
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- The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

## CCT Tunable

| CCT(K)    | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|-----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| 2700±150  | ≥90 | DC24    | 9.5      | 629          | 66.2              | 71.4             | 5                   | CV    |
| 6500±500  | ≥90 | DC24    | 9.5      | 707          | 74.4              | 71.4             | 5                   | CV    |
| 2700+6500 | ≥90 | DC24    | 11       | 811          | 73.7              | 71.4             | 5                   | CV    |

## RGB

| CCT(K) | RA | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------|----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R      | -- | DC24    | 3.3      | 55           | 16.7              | 62.5             | 5                   | CV    |
| G      | -- | DC24    | 3.3      | 208          | 63.1              | 62.5             | 5                   | CV    |
| B      | -- | DC24    | 3.3      | 35           | 10.5              | 62.5             | 5                   | CV    |
| RGB    | -- | DC24    | 10       | 298          | 29.8              | 62.5             | 5                   | CV    |

## RGBW

| CCT(K)   | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R        | --  | DC24    | 3.7      | 65           | 17.4              | 62.5             | 5                   | CV    |
| G        | --  | DC24    | 3.7      | 180          | 47.9              | 62.5             | 5                   | CV    |
| B        | --  | DC24    | 3.7      | 51           | 13.5              | 62.5             | 5                   | CV    |
| 2700±150 | ≥80 | DC24    | 3.7      | 195          | 51.9              | 62.5             | 5                   | CV    |
| RGBW     | --  | DC24    | 15       | 485          | 32.3              | 62.5             | 5                   | CV    |

| CCT(K)   | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R        | --  | DC24    | 3.7      | 65           | 17.4              | 62.5             | 5                   | CV    |
| G        | --  | DC24    | 3.7      | 180          | 47.9              | 62.5             | 5                   | CV    |
| B        | --  | DC24    | 3.7      | 51           | 13.5              | 62.5             | 5                   | CV    |
| 3000±150 | ≥80 | DC24    | 3.7      | 213          | 56.9              | 62.5             | 5                   | CV    |
| RGBW     | --  | DC24    | 15       | 507          | 33.8              | 62.5             | 5                   | CV    |

| CCT(K)                               | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|--------------------------------------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R                                    | --  | DC24    | 3.7      | 65           | 17.4              | 62.5             | 5                   | CV    |
| G                                    | --  | DC24    | 3.7      | 180          | 47.9              | 62.5             | 5                   | CV    |
| B                                    | --  | DC24    | 3.7      | 51           | 13.5              | 62.5             | 5                   | CV    |
| 4000 <sup>+400</sup> <sub>-200</sub> | ≥80 | DC24    | 3.7      | 217          | 57.9              | 62.5             | 5                   | CV    |
| RGBW                                 | --  | DC24    | 15       | 509          | 33.9              | 62.5             | 5                   | CV    |

| CCT(K)   | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit Length (mm) | Max. Run Length (M) | CC/CV |
|----------|-----|---------|----------|--------------|-------------------|------------------|---------------------|-------|
| R        | --  | DC24    | 3.7      | 78           | 20.8              | 62.5             | 5                   | CV    |
| G        | --  | DC24    | 3.7      | 192          | 51.3              | 62.5             | 5                   | CV    |
| B        | --  | DC24    | 3.7      | 55           | 14.7              | 62.5             | 5                   | CV    |
| 6500±500 | ≥80 | DC24    | 3.7      | 219          | 58.5              | 62.5             | 5                   | CV    |
| RGBW     | --  | DC24    | 15       | 509          | 33.9              | 62.5             | 5                   | CV    |

## Pixel RGBW : DMX512

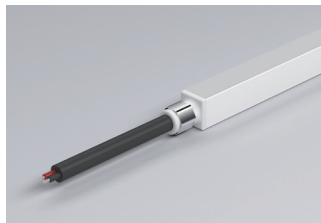
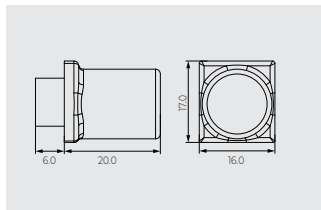
| CCT(K)                                  | RA  | Voltage | Power(W) | Lumen (LM/M) | Efficiency (LM/W) | Unit cut (mm) | Max. Run Length (M) | Piexl ( PCS ) | ICModel   |
|-----------------------------------------|-----|---------|----------|--------------|-------------------|---------------|---------------------|---------------|-----------|
| R                                       | --  | DC24    | 5        | 46           | 9.2               | 125           | 7                   | 8             | UCSS12C1L |
| G                                       | --  | DC24    | 5        | 127          | 25.3              | 125           | 7                   | 8             | UCSS12C1L |
| B                                       | --  | DC24    | 5        | 37           | 7.4               | 125           | 7                   | 8             | UCSS12C1L |
| W: 4000 <sup>+400</sup> <sub>-200</sub> | ≥80 | DC24    | 5        | 153          | 30.5              | 125           | 7                   | 8             | UCSS12C1L |
| RGBW                                    | --  | DC24    | 15       | 363          | 24.2              | 125           | 7                   | 8             | UCSS12C1L |

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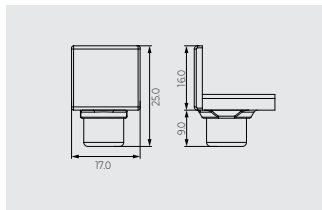
## Cable Entry ( Unit: mm )

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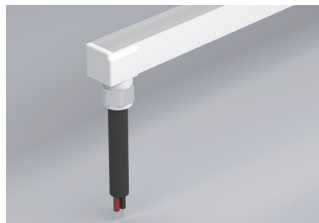
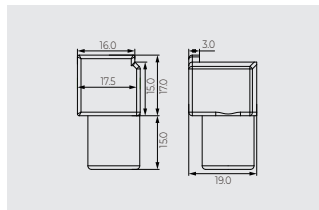
### Integral end cap (IP68) Single Color



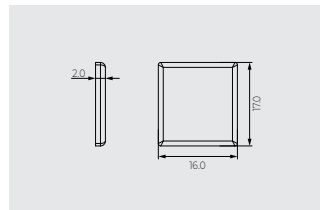
Front Cable Entry



Side Cable Entry

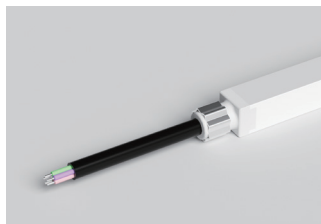
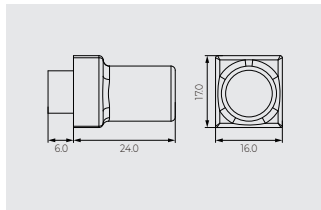


Bottom Cable Entry

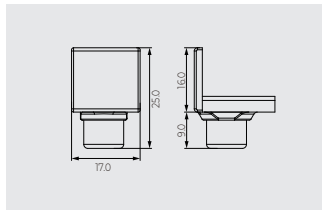


Closed End cap

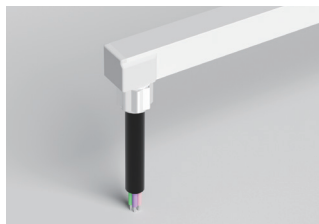
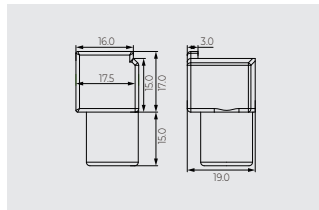
### Integral end cap (IP68) RGBW/RGBW Pixel



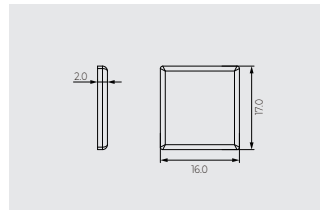
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

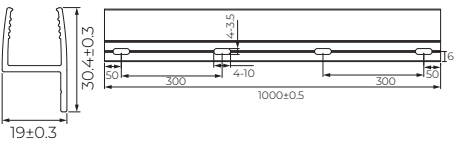
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Cable

| Cable Type              | Schematic Diagram                                                                 | Specification                 | Core   | Electrical Properties                                         |
|-------------------------|-----------------------------------------------------------------------------------|-------------------------------|--------|---------------------------------------------------------------|
| SJOW<br>Rubber<br>cable |  | OD: 7.4mm / Inner core: 18AWG | ●●     | Single color:<br>Red V+, Black V-                             |
|                         |  | OD: 9.6mm / Inner core: 18AWG | ●○●    | CCT Tunable:<br>Black V+, White W, Green WW                   |
|                         |  | OD: 9.6mm / Inner core: 18AWG | ●●●●   | RGB:<br>Black V+, Purple B, Green G, Pink R                   |
|                         |  | OD: 9.6mm / Inner core: 18AWG | ●○●●●  | RGBW:<br>Black V+, White W, Purple B, Green G, Pink R         |
|                         |  | OD: 9.6mm / Inner core: 18AWG | ●●●●●● | DMX512:<br>Pink V+, Green PI/PO, Purple A, White B, Black GND |

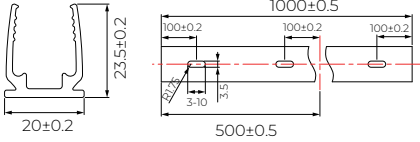
Accessories ( Unit: mm )

PC Profile



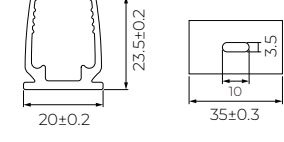
Length: 1000X19X30.4  
Accessories:  
Screw M3X16 (SUS304)

PC Profile



Length: 1000X20X23.5  
Accessories:  
Screw M3X16 (SUS304)

PC Clip



Length: 35X20X23.5  
Accessories:  
Screw M3X16 (SUS304)

Optional combination ( Unit: mm )

1617-IP68-2T-Single color ( For connection of two single color light strips )



2T junction box



Length:  
131.4X68.2X37  
Quantity:  
1PCS

P3 terminal cap



Length:  
12.3X21  
Quantity:  
2PCS

7.4 Waterproof sealing ring



Length:  
15.8X8.6  
Quantity:  
2PCS

Screw



Length:  
M3X12  
Quantity:  
3PCS

1617-IP68-2T-Pixel ( For connection of two digital light strips )



2T junction box



Length:  
131.4X68.2X37  
Quantity:  
1PCS

P3 terminal cap



Length:  
12.3X21  
Quantity:  
5PCS

9.6 Waterproof sealing ring



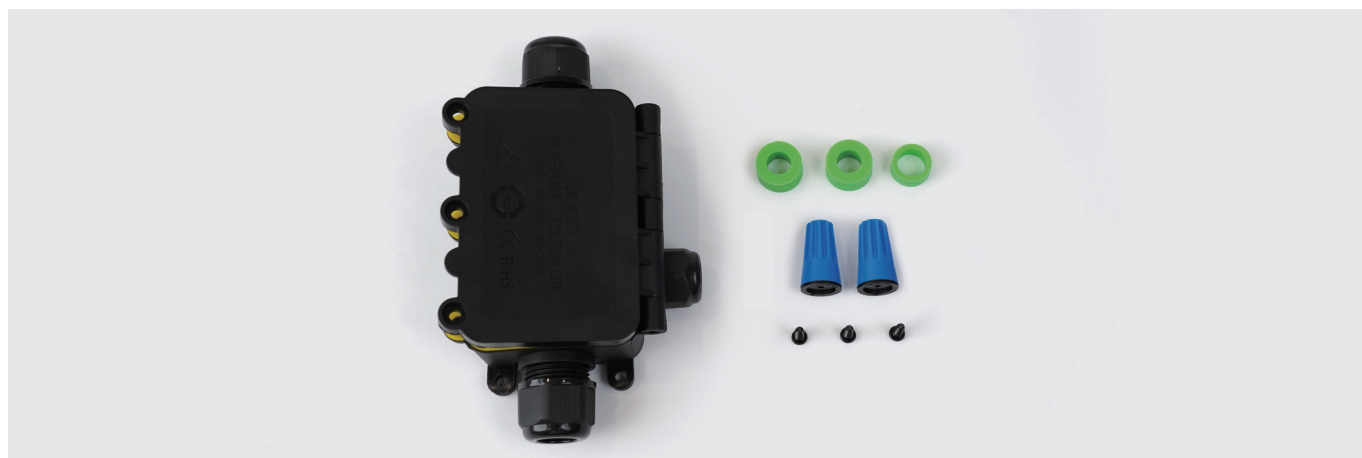
Length:  
15.8X8.6  
Quantity:  
2PCS

Screw



Length:  
M3X12  
Quantity:  
3PCS

1617-IP68-3T-Single color ( For connection of three single color light strips )



3T junction box

P4 terminal cap

7.4 Waterproof sealing ring  
7.4 Waterproof sealing ring

Screw



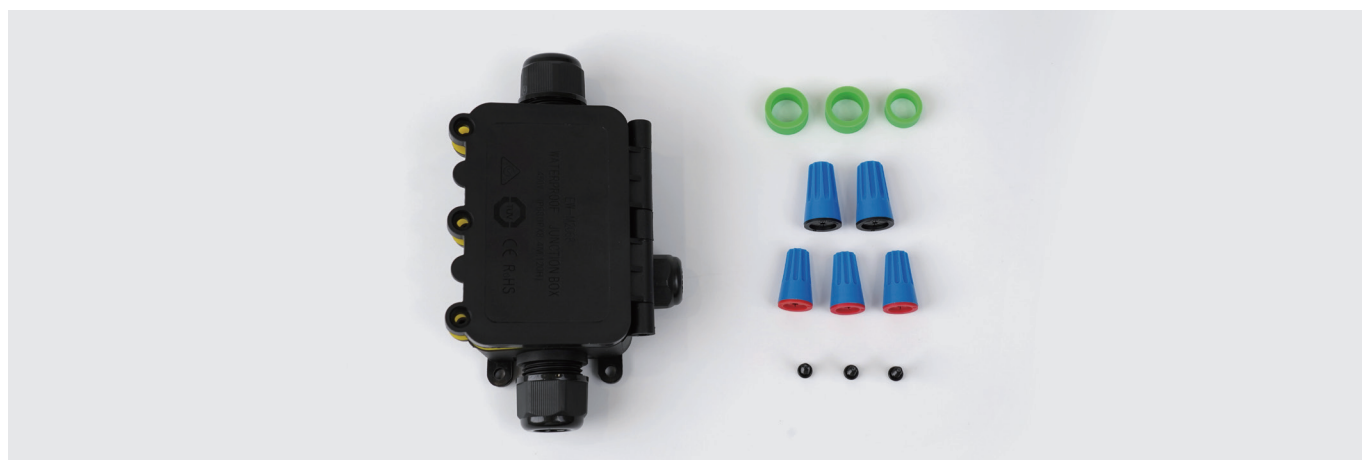
Length:  
131.4X80.4X37  
Quantity:  
1PCS

Length:  
13.5X23.6  
Quantity:  
2PCS

Length:  
15.8X8.6(7.4)/13.8X6.5(7.4)  
Quantity:  
2PCS(7.4)/1PCS(7.4)

Length:  
M3X12  
Quantity:  
3PCS

1617-IP68-3T-Pixel ( For connection of two digital light strips, powered by a two-core wire )



3T junction box

P4 terminal cap  
P3 terminal cap

9.6 Waterproof sealing ring  
7.4 Waterproof sealing ring

Screw



Length:  
131.4X80.4X37  
Quantity:  
1PCS

Length:  
13.5X23.6(P4)/12.3X21(P3)  
Quantity:  
2PCS(P4)/3PCS(P3)

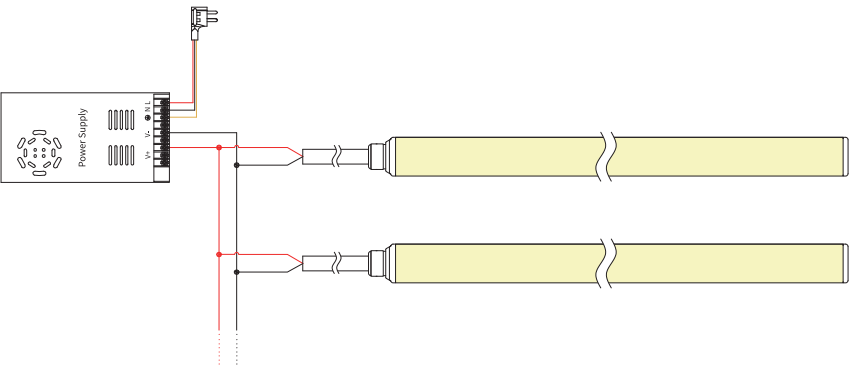
Length:  
15.8X8.6(9.6)/13.8X6.5(7.4)  
Quantity:  
2PCS(9.6)/1PCS(7.4)

Length:  
M3X12  
Quantity:  
3PCS

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# Single Color Connection Diagram

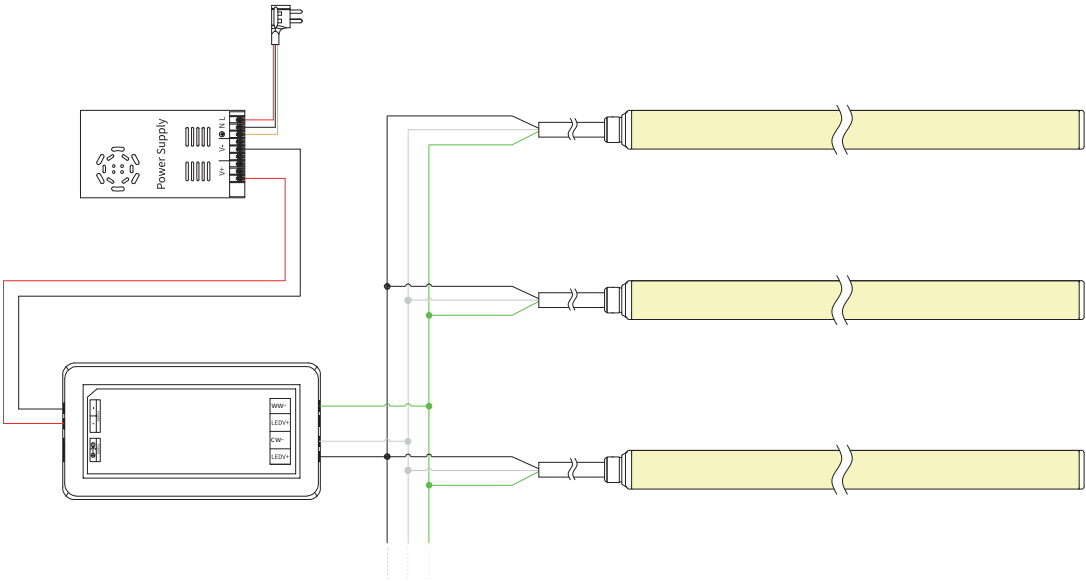
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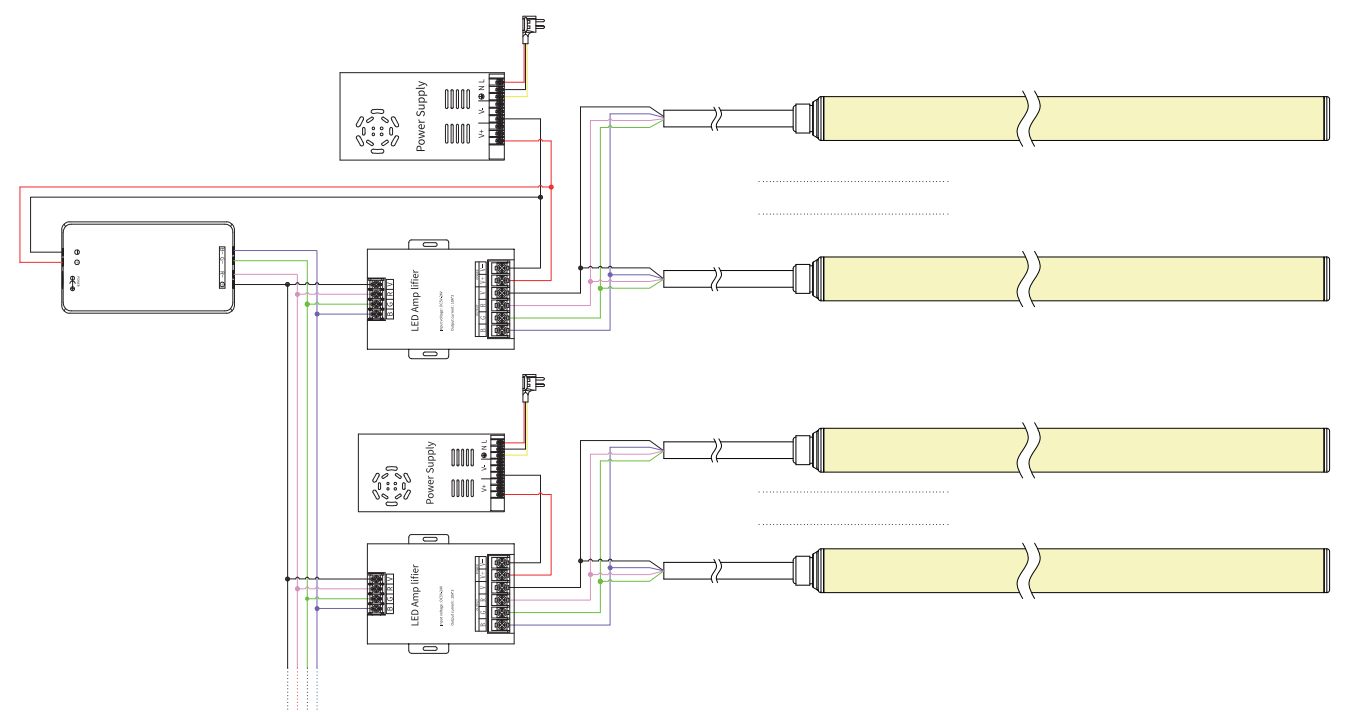
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# Tunable white Connection Diagram

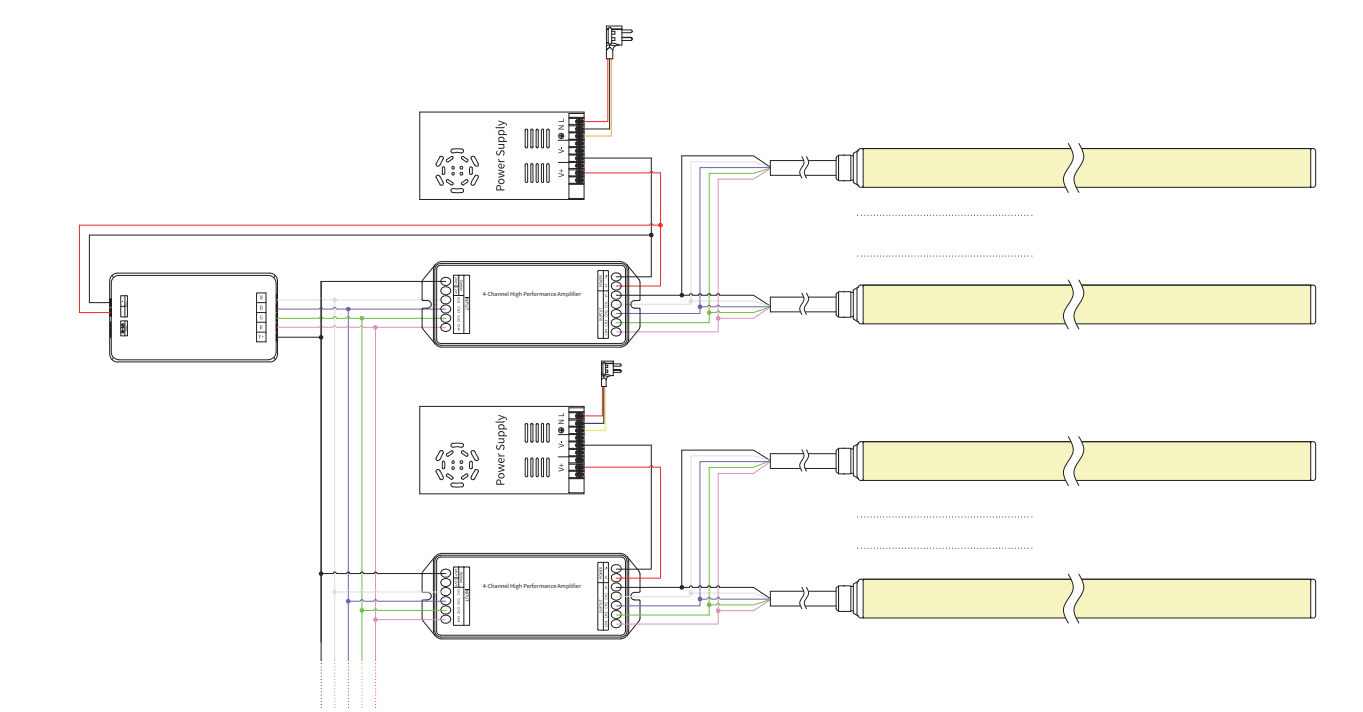
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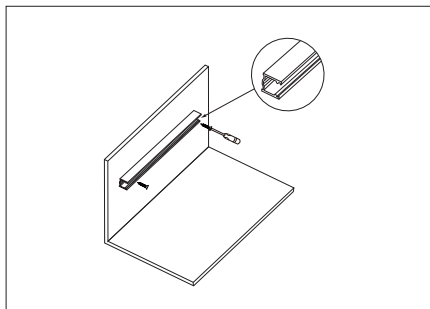
RGB Connection Diagram



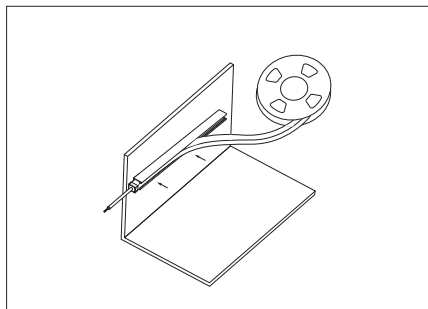
RGBW Connection Diagram



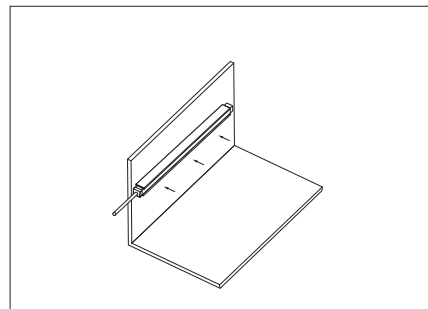
## Profile Installation



1. Taking out the profile and screw(screw not included), use the screw driver fix the profile to the installed area.

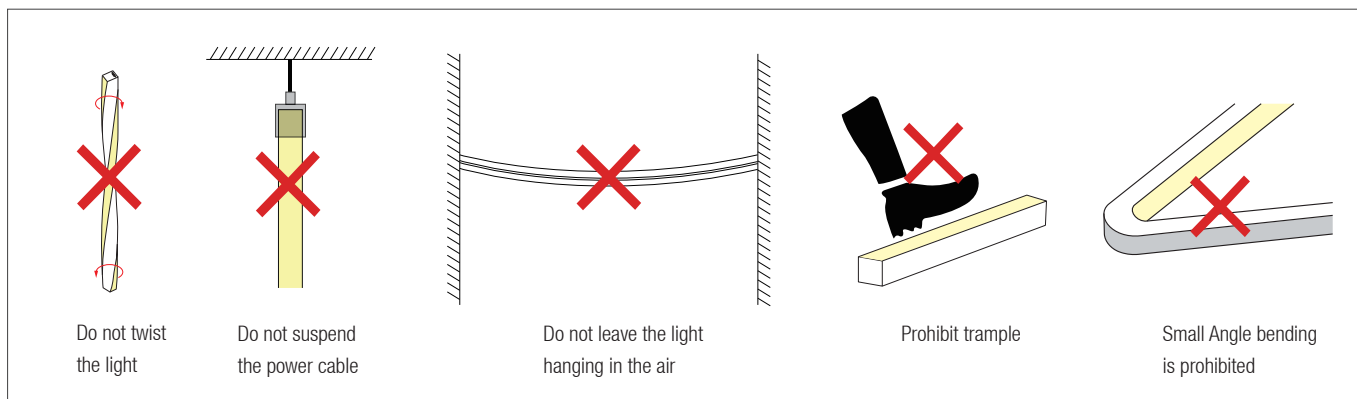
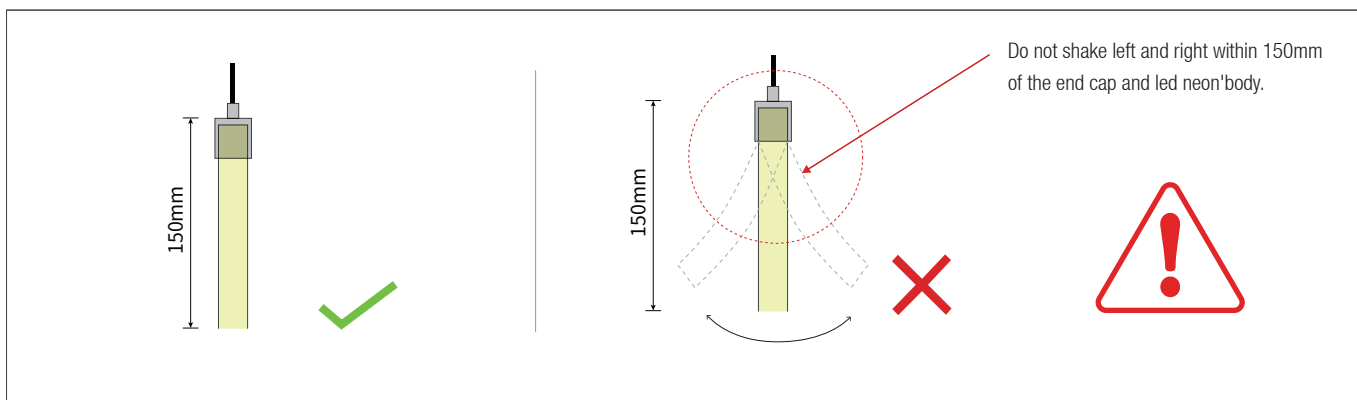


2. Fixing the strip into the profile. No bending sharply and twisting in the process.

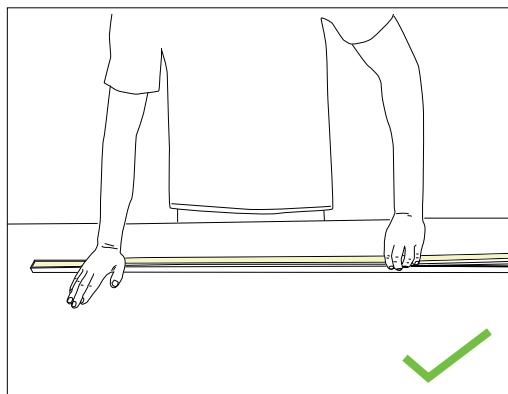


3. Fixing well and connect the DC driver and turn on the power supply.

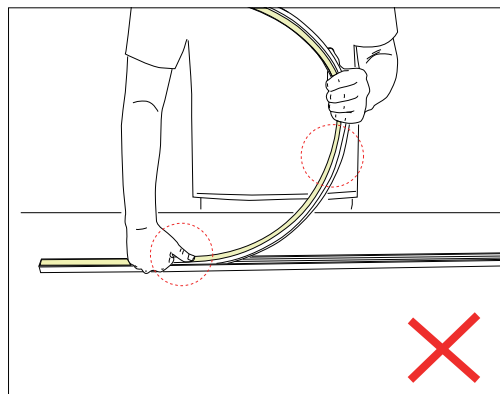
## Installation Precautions



## Put it in the profile

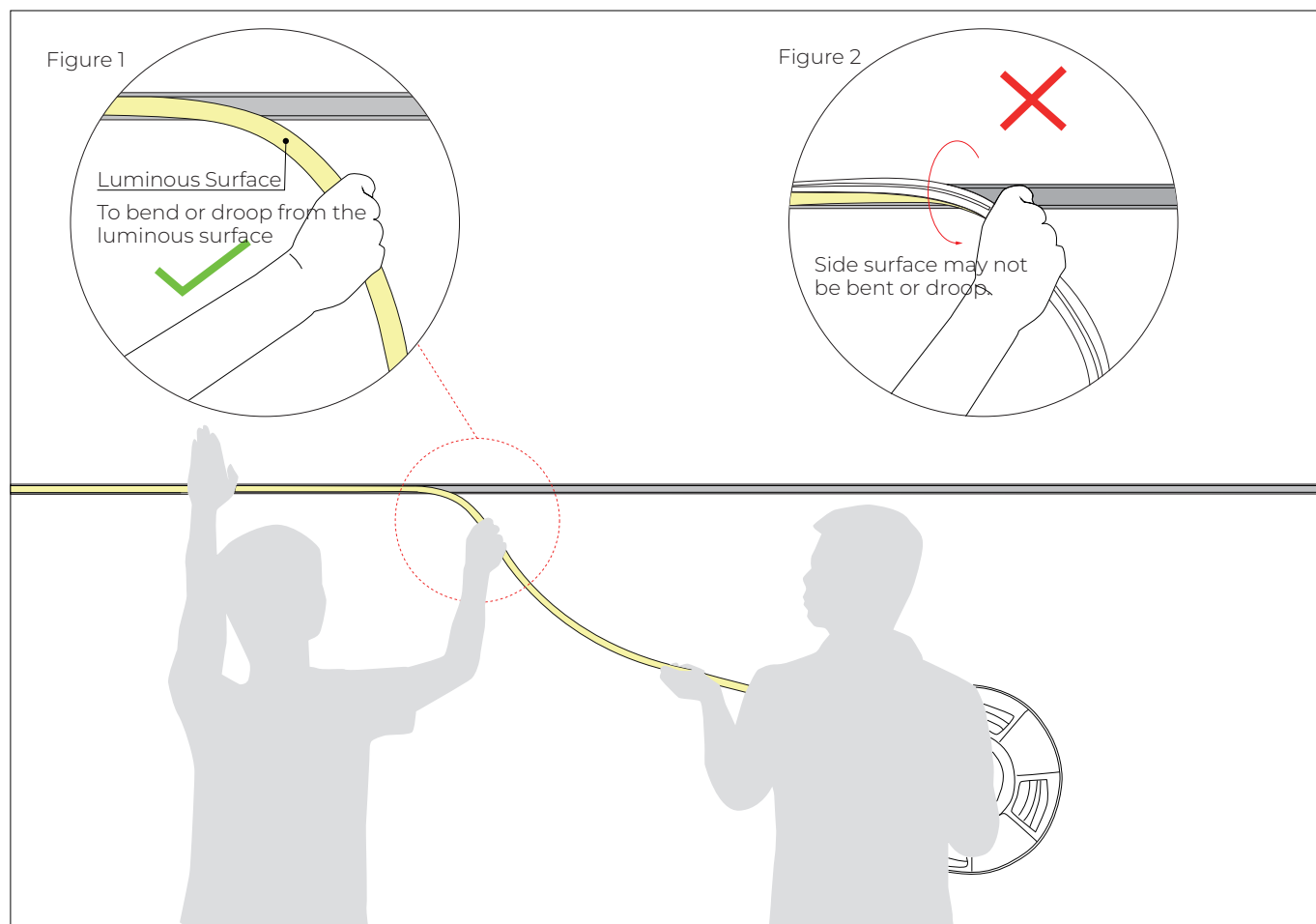


- Please press the led strip with your palm to slowly insert the led strip into the groove, and gently straighten the led strip above the groove with your right hand.
- Try to keep the led strip in a flat state during the installation process.



- Do not press the led strip with a single finger, it is easy to damage the internal parts of the led strip.
- The bent arc of the led strip should not be too large during installation.

## Installation Precautions -- Side Mounted ( If the length of the light is more than 2 meters, two persons must work together to install it. )



### 1. Installer:

- Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with right hand so that it droop in the direction of your hand. See Figure 1.
- Side surface may not be bent or droop , See Figure 2.

### 2. Assistant:

- Cooperate with the installer to lift the reel of the light, and then slowly deliver the light to installer. Do not pull or twist the light during the installation.

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## Notes

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- ※ The power of UL676 neon strip cannot exceed 15W per meter; the maximum power of one single strip cannot exceed 100W.
- ※ The unused light should be sealed with the packaging bag to avoid prolonged exposure.
- ※ Please use DC24V isolated constant voltage power supply with ripple voltage less than 5%. Using other types of power supply may damage the light or cause other safety risks.
- ※ In practical application, 20% allowance should be reserved for power supply to ensure the stability of power supply.
- ※ It is recommended that professionals connect the power supply. Do not connect the power supply with live power to avoid electric shock.
- ※ Please confirm whether the voltage of the power supply is consistent with the voltage of the light; Pay attention to the positive and negative poles of the power cord, do not connect wrong, so as not to cause product damage;
- ※ When multiple power supplies are used, ensure that the positive poles of the power supply are not connected in parallel. Otherwise, the power supply system may be unstable or damaged after long-term operation.
- ※ If the actual application length exceeds the specified length, it will lead to overload, heating and uneven brightness of the light.
- ※ During installation, please do not scratch, twist, or bend the light irregularly. Otherwise, the light may be damaged beyond repair.
- ※ To ensure the life and reliability of the light, please do not over bend the light, which will damage the product itself.
- ※ To protect your eyes, please avoid staring at the glowing surface of the light for a long time.
- ※ Non-professionals are forbidden to install, disassemble and maintain the product.
- ※ Do not use any acid or alkaline adhesive to fix the light (including but not limited to glass glue, etc.)
- ※ IP67 products are not suitable for long-term immersion in water; IP68 products are only customized by the factory. After cutting and processing by users themselves, there is a risk that IP68 protection level cannot be reached
- ※ Because of the difference in structure, even if the same color temperature value, different sizes of light will look slightly different colors. Please confirm it before use. -

Tests showed that methanal and benzenes will have yellowing effects on silicone.

In the newly decorated interior environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture, they are likely to release of methanal and benzenes.

It is recommended to remove methanal and benzenes first, or ventilate for a period of time in the newly decorated interior environment before install the silicone neon light, to avoid affecting the silicone body.

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