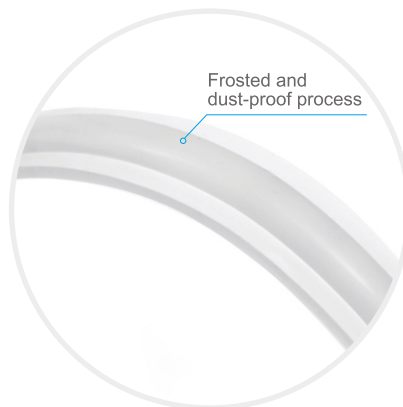




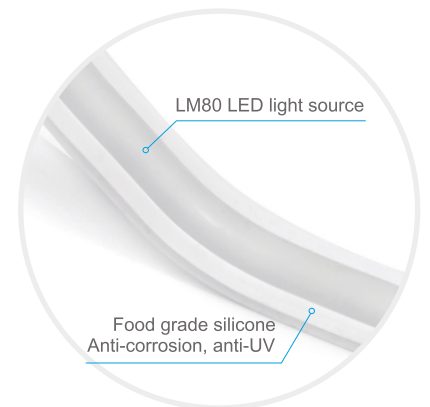
USTRIP DOTLES SPECIFICATION



More extreme vision



More perfect touch



More stable performance

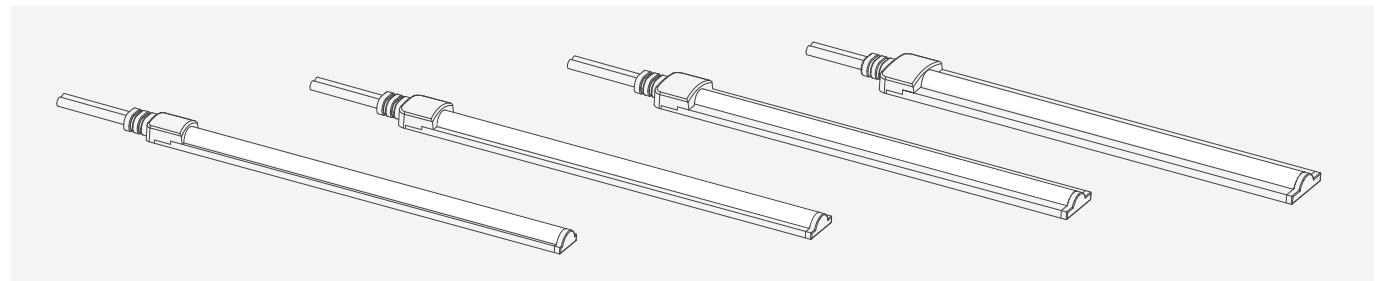
- Slim size, no light spot
- Three-color silicone one-piece extrusion process
- Injection molding plug, IP65 rated
- Frosted, dust-proof process, anti-UV



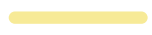
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 8000K
- 2700K, 6500K

- R (Red), P (Pink), G (Green), B (Blue), Y (Yellow)
- RGE, BGRW, LW RGBW

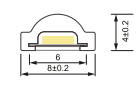
- One Bin, CRI >90, Solvent resistant, Saltwater resistant, UV protected, Cuttable, 30000 hours Lifetime, LM80 Compliant, 3 YEARS WARRANTY



8MM



SW



Cross section 8x4mm



W/m: 5 / 10



Max length : 5M

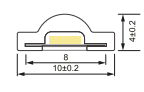


Wire type

10MM



SW | TW | RGB | SPI



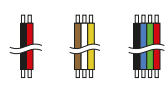
Cross section 10x4mm



W/m: 5 / 10



Max length : 5M

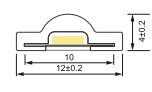


Wire type

12MM



SW | TW | RGB | SPI



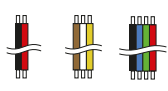
Cross section 12x4mm



W/m: 5 / 10 / 15



Max length : 5M

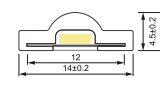


Wire type

14MM



SW | TW | RGB
RGBW | RGBWW | SPI



Cross section 14x4.5mm



W/m: 5 / 10 / 15



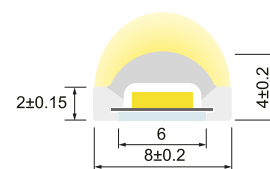
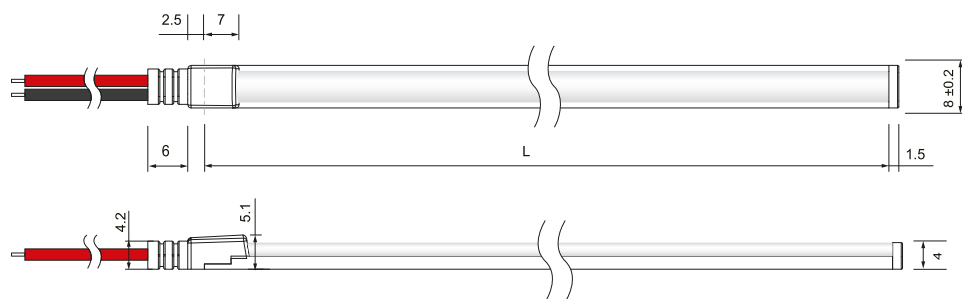
Max length : 5M



Wire type

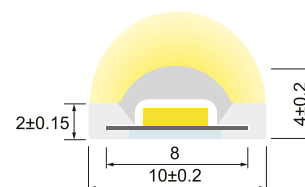
Dimensions

8MM



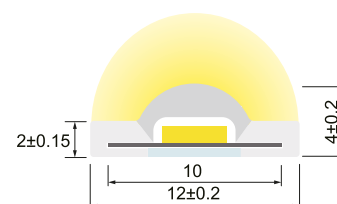
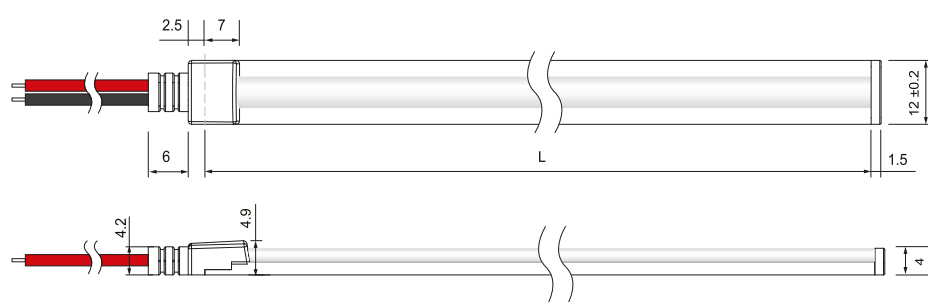
Cross section

10MM



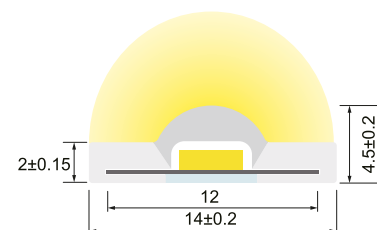
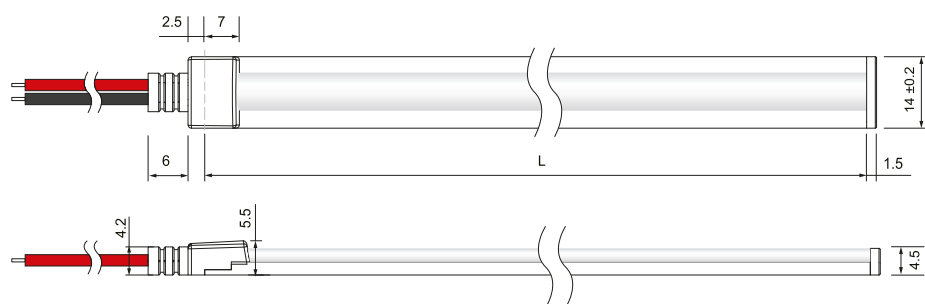
Cross section

12MM



Cross section

14MM



Cross section

8MM Photoelectric parameters

Single Color parameter

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|---------|-----|------|-------|------|-------|-----------------------|------------------|-------|
| 2400 | >90 | <5 | 5 | 535 | 107.1 | 50 | 5 | CV |
| | | | 10 | 1010 | 101.0 | | | |
| 2700 | >90 | <5 | 5 | 546 | 109.2 | 50 | 5 | CV |
| | | | 10 | 1019 | 101.9 | | | |
| 3000 | >90 | <5 | 5 | 554 | 110.9 | 50 | 5 | CV |
| | | | 10 | 1046 | 104.6 | | | |
| 3500 | >90 | <5 | 5 | 599 | 119.8 | 50 | 5 | CV |
| | | | 10 | 1130 | 113.0 | | | |
| 4000 | >90 | <5 | 5 | 558 | 111.7 | 50 | 5 | CV |
| | | | 10 | 1077 | 107.7 | | | |
| 5000 | >90 | <5 | 5 | 552 | 110.4 | 50 | 5 | CV |
| | | | 10 | 1028 | 102.8 | | | |
| 6500 | >90 | <5 | 5 | 560 | 111.9 | 50 | 5 | CV |
| | | | 10 | 1056 | 105.6 | | | |
| R | -- | -- | 5 | 145 | 29.0 | 50 | 5 | CV |
| | | | 10 | 293 | 29.3 | | | |
| G | -- | -- | 5 | 381 | 76.2 | 50 | 5 | CV |
| | | | 10 | 685 | 68.5 | | | |
| B | -- | -- | 5 | 71 | 14.2 | 50 | 5 | CV |
| | | | 10 | 134 | 13.4 | | | |
| Yellow | -- | -- | 5 | 116 | 23.2 | 50 | 5 | CV |
| | | | 10 | 223 | 22.3 | | | |
| Amber | -- | -- | 5 | 136 | 27.2 | 50 | 5 | CV |
| | | | 10 | 274 | 27.4 | | | |
| Pink | -- | -- | 5 | 315 | 63.0 | 50 | 5 | CV |
| | | | 10 | 602 | 60.2 | | | |

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of $\pm 10\%$.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

10MM Photoelectric parameters

Single Color parameter

| CCT(K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|--------|-----|------|-------|------|------|-----------------------|------------------|-------|
| 2400 | >90 | <5 | 5 | 409 | 81.9 | 25 | 5 | CV |
| | | | 10 | 815 | 81.5 | | | |
| 2700 | >90 | <5 | 5 | 423 | 84.6 | 25 | 5 | CV |
| | | | 10 | 822 | 82.2 | | | |
| 3000 | >90 | <5 | 5 | 422 | 84.4 | 25 | 5 | CV |
| | | | 10 | 829 | 82.9 | | | |
| 3500 | >90 | <5 | 5 | 476 | 95.2 | 25 | 5 | CV |
| | | | 10 | 918 | 91.8 | | | |
| 4000 | >90 | <5 | 5 | 439 | 87.9 | 25 | 5 | CV |
| | | | 10 | 866 | 86.6 | | | |
| 5000 | >90 | <5 | 5 | 443 | 88.5 | 25 | 5 | CV |
| | | | 10 | 869 | 86.9 | | | |
| 6500 | >90 | <5 | 5 | 453 | 90.6 | 25 | 5 | CV |
| | | | 10 | 886 | 88.6 | | | |
| R | -- | -- | 5 | 146 | 29.2 | 25 | 5 | CV |
| | | | 10 | 308 | 30.8 | | | |
| G | -- | -- | 5 | 413 | 82.6 | 25 | 5 | CV |
| | | | 10 | 707 | 70.7 | | | |
| B | -- | -- | 5 | 70 | 14.0 | 25 | 5 | CV |
| | | | 10 | 137 | 13.7 | | | |
| Yellow | -- | -- | 5 | 106 | 21.2 | 25 | 5 | CV |
| | | | 10 | 226 | 22.6 | | | |
| Amber | -- | -- | 5 | 128 | 25.6 | 25 | 5 | CV |
| | | | 10 | 278 | 27.8 | | | |
| Pink | -- | -- | 5 | 287 | 57.4 | 25 | 5 | CV |
| | | | 10 | 567 | 56.7 | | | |

Tunable White parameter

| CCT(K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|----------|-----|------|-------|------|------|-----------------------|------------------|-------|
| 2700 | >90 | <5 | 5 | 415 | 83.0 | 83.3 | 5 | CV |
| 6500 | | | 5 | 418 | 83.6 | | | |
| 4000±300 | | | 10 | 826 | 82.6 | | | |

RGB parameter

| Power | Color | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|-------|-------|------|------|-----------------------|------------------|-------|
| 10 | R | 60 | 18.2 | 50 | 5 | CV |
| | G | 176 | 53.3 | | | |
| | B | 32 | 9.7 | | | |
| | RGB | 268 | 26.8 | | | |

10MM Photoelectric parameters

SPI parameter

| Input voltage | Power | Color | LM/M | LM/W | Pixel No | Signal Type | IC Model | Cutting length (mm) | Max length (M) |
|---------------|-------|-------|------|------|----------|-------------|----------|-----------------------|------------------|
| DC5V | 8 | R | 19.8 | 7.4 | 100 | SPI | UCS1903 | 10 | 2 |
| | | G | 59.3 | 22.2 | | | | | |
| | | B | 11.5 | 4.3 | | | | | |
| | | RGB | 87.3 | 10.9 | | | | | |

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of $\pm 10\%$.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

12MM Photoelectric parameters

Single Color parameter

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|---------|-----|------|-------|------|------|--------------------------|---------------------|-------|
| 2400 | >90 | <5 | 5 | 429 | 85.9 | 25 | 5 | CV |
| | | | 10 | 826 | 82.6 | | | |
| | | | 15 | 1208 | 80.6 | | | |
| 2700 | >90 | <5 | 5 | 433 | 86.6 | 25 | 5 | CV |
| | | | 10 | 833 | 83.3 | | | |
| | | | 15 | 1244 | 82.9 | | | |
| 3000 | >90 | <5 | 5 | 436 | 87.3 | 25 | 5 | CV |
| | | | 10 | 840 | 84.0 | | | |
| | | | 15 | 1243 | 82.8 | | | |
| 3500 | >90 | <5 | 5 | 484 | 96.7 | 25 | 5 | CV |
| | | | 10 | 930 | 93.0 | | | |
| | | | 15 | 1364 | 91.0 | | | |
| 4000 | >90 | <5 | 5 | 442 | 88.4 | 25 | 5 | CV |
| | | | 10 | 851 | 85.1 | | | |
| | | | 15 | 1258 | 83.9 | | | |
| 5000 | >90 | <5 | 5 | 443 | 88.7 | 25 | 5 | CV |
| | | | 10 | 854 | 85.4 | | | |
| | | | 15 | 1259 | 84.0 | | | |
| 6500 | >90 | <5 | 5 | 450 | 90.0 | 25 | 5 | CV |
| | | | 10 | 867 | 86.7 | | | |
| | | | 15 | 1270 | 84.6 | | | |
| R | -- | -- | 5 | 142 | 28.4 | 25 | 5 | CV |
| | | | 10 | 281 | 28.1 | | | |
| | | | 15 | 416 | 27.7 | | | |
| G | -- | -- | 5 | 349 | 69.8 | 25 | 5 | CV |
| | | | 10 | 628 | 62.8 | | | |
| | | | 15 | 823 | 54.9 | | | |
| B | -- | -- | 5 | 62 | 12.4 | 25 | 5 | CV |
| | | | 10 | 121 | 12.1 | | | |
| | | | 15 | 176 | 11.7 | | | |
| Yellow | -- | -- | 5 | 88 | 17.6 | 25 | 5 | CV |
| | | | 10 | 200 | 20.0 | | | |
| | | | 15 | 294 | 19.6 | | | |
| Amber | -- | -- | 5 | 108 | 21.6 | 25 | 5 | CV |
| | | | 10 | 246 | 24.6 | | | |
| | | | 15 | 345 | 23.0 | | | |
| Pink | -- | -- | 5 | 274 | 54.8 | 25 | 5 | CV |
| | | | 10 | 519 | 51.9 | | | |
| | | | 15 | 755 | 50.3 | | | |

12MM Photoelectric parameters

Tunable White parameter

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|----------|-----|------|-------|------|------|-----------------------|------------------|---------------|
| 2700 | >90 | <5 | 5 | 422 | 84.4 | 83.3 | 5 | DC24V |
| 6500 | | | 5 | 434 | 86.8 | | | |
| 4000±300 | | | 10 | 849 | 84.9 | | | |

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|----------|-----|------|-------|------|------|-----------------------|------------------|---------------|
| 2700 | >90 | <5 | 7.5 | 619 | 82.5 | 83.3 | 5 | DC24V |
| 6500 | | | 7.5 | 639 | 85.2 | | | |
| 4000±300 | | | 15 | 1241 | 82.7 | | | |

RGB parameter

| Power | Color | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|-------|------|------|-----------------------|------------------|---------------|
| 10 | R | 54 | 16.4 | 50 | 5 | DC24V |
| | G | 175 | 53.0 | | | |
| | B | 31 | 9.4 | | | |
| | RGB | 264 | 26.4 | | | |

| Power | Color | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|-------|------|------|-----------------------|------------------|---------------|
| 15 | R | 76 | 15.2 | 50 | 5 | DC24V |
| | G | 233 | 46.6 | | | |
| | B | 39 | 7.8 | | | |
| | RGB | 339 | 22.6 | | | |

SPI parameter

| Input voltage | Power | Color | LM/M | LM/W | Pixel No | SignalType | IC Model | Cutting length (mm) | Max length (M) |
|---------------|-------|-------|-------|------|----------|------------|----------|-----------------------|------------------|
| DC12V | 13 | R | 42.6 | 3.3 | 100 | SPI | UCS1903 | 10 | 3 |
| | | G | 141.6 | 10.9 | | | | | |
| | | B | 33 | 2.5 | | | | | |
| | | RGB | 208.5 | 16.0 | | | | | |

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of ±10%.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

14MM Photoelectric parameters

Single Color parameter

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | CV/CC |
|---------|-----|------|-------|------|------|-----------------------|------------------|-------|
| 2400 | >90 | <5 | 5 | 449 | 89.8 | 25 | 5 | CV |
| | | | 10 | 845 | 84.5 | | | |
| | | | 15 | 1234 | 82.3 | | | |
| 2700 | >90 | <5 | 5 | 445 | 89.1 | 25 | 5 | CV |
| | | | 10 | 853 | 85.3 | | | |
| | | | 15 | 1272 | 84.8 | | | |
| 3000 | >90 | <5 | 5 | 444 | 88.7 | 25 | 5 | CV |
| | | | 10 | 858 | 85.8 | | | |
| | | | 15 | 1271 | 84.7 | | | |
| 3500 | >90 | <5 | 5 | 489 | 97.7 | 25 | 5 | CV |
| | | | 10 | 950 | 95.0 | | | |
| | | | 15 | 1399 | 93.2 | | | |
| 4000 | >90 | <5 | 5 | 449 | 89.9 | 25 | 5 | CV |
| | | | 10 | 862 | 86.2 | | | |
| | | | 15 | 1273 | 84.9 | | | |
| 5000 | >90 | <5 | 5 | 453 | 90.6 | 25 | 5 | CV |
| | | | 10 | 869 | 86.9 | | | |
| | | | 15 | 1283 | 85.5 | | | |
| 6500 | >90 | <5 | 5 | 458 | 91.6 | 25 | 5 | CV |
| | | | 10 | 879 | 87.9 | | | |
| | | | 15 | 1298 | 86.5 | | | |
| R | -- | -- | 5 | 142 | 28.4 | 25 | 5 | CV |
| | | | 10 | 282 | 28.2 | | | |
| | | | 15 | 420 | 28.0 | | | |
| G | -- | -- | 5 | 375 | 75.0 | 25 | 5 | CV |
| | | | 10 | 674 | 67.4 | | | |
| | | | 15 | 882 | 58.8 | | | |
| B | -- | -- | 5 | 70 | 14.0 | 25 | 5 | CV |
| | | | 10 | 123 | 12.3 | | | |
| | | | 15 | 179 | 11.9 | | | |
| Yellow | -- | -- | 5 | 116 | 23.2 | 25 | 5 | CV |
| | | | 10 | 223 | 22.3 | | | |
| | | | 15 | 318 | 21.2 | | | |
| Amber | -- | -- | 5 | 140 | 28.0 | 25 | 5 | CV |
| | | | 10 | 274 | 27.4 | | | |
| | | | 15 | 386 | 25.7 | | | |
| Pink | -- | -- | 5 | 287 | 57.4 | 25 | 5 | CV |
| | | | 10 | 534 | 53.4 | | | |
| | | | 15 | 782 | 52.1 | | | |

14MM Photoelectric parameters

Tunable White parameter

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|----------|-----|------|-------|------|------|-----------------------|------------------|---------------|
| 2700 | >90 | <5 | 5 | 437 | 87.4 | 83.3 | 5 | DC24V |
| 6500 | | | 5 | 447 | 89.4 | | | |
| 4000±300 | | | 10 | 860 | 86 | | | |

| CCT (K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|----------|-----|------|-------|------|------|-----------------------|------------------|---------------|
| 2700 | >90 | <5 | 7.5 | 641 | 85.5 | 83.3 | 5 | DC24V |
| 6500 | | | 7.5 | 658 | 87.7 | | | |
| 4000±300 | | | 15 | 1264 | 84 | | | |

RGB parameter

| Power | Color | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|-------|------|------|-----------------------|------------------|---------------|
| 10 | R | 49 | 14.8 | 50 | 5 | DC24V |
| | G | 169 | 51.2 | | | |
| | B | 30 | 9.1 | | | |
| | RGB | 260 | 26.0 | | | |

| Power | Color | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|-------|------|------|-----------------------|------------------|---------------|
| 15 | R | 69 | 13.8 | 50 | 5 | DC24V |
| | G | 226 | 45.2 | | | |
| | B | 38 | 7.6 | | | |
| | RGB | 334 | 22.3 | | | |

14MM Photoelectric parameters

RGBW parameter

| Power | Color/CCT(K) | CRI | SDCM | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|--------------|-----|------|-------|------|------|-----------------------|------------------|---------------|
| 15 | R | -- | -- | 3 | 52 | 17.3 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 156 | 52.0 | | | |
| | B | -- | -- | 3 | 26 | 8.7 | | | |
| | W : 2700K | >90 | 5 | 6 | 486 | 81.0 | | | |
| | RGBW | -- | -- | 15 | 702 | 46.8 | | | |
| 15 | R | -- | -- | 3 | 58 | 19.3 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 173 | 57.7 | | | |
| | B | -- | -- | 3 | 23 | 7.7 | | | |
| | W : 3000K | >90 | 5 | 6 | 480 | 80.0 | | | |
| | RGBW | -- | -- | 15 | 698 | 46.5 | | | |
| 15 | R | -- | -- | 3 | 56 | 18.7 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 162 | 54.0 | | | |
| | B | -- | -- | 3 | 32 | 10.7 | | | |
| | W : 3500K | >90 | 5 | 6 | 514 | 85.7 | | | |
| | RGBW | -- | -- | 15 | 706 | 47.1 | | | |
| 15 | R | -- | -- | 3 | 55 | 18.3 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 158 | 52.7 | | | |
| | B | -- | -- | 3 | 33 | 11.0 | | | |
| | W : 4000K | >90 | 5 | 6 | 477 | 79.5 | | | |
| | RGBW | -- | -- | 15 | 701 | 46.7 | | | |
| 15 | R | -- | -- | 3 | 54 | 18.0 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 165 | 55.0 | | | |
| | B | -- | -- | 3 | 32 | 10.7 | | | |
| | W : 5000K | >90 | 5 | 6 | 487 | 81.2 | | | |
| | RGBW | -- | -- | 15 | 721 | 48.1 | | | |
| 15 | R | -- | -- | 3 | 52 | 17.3 | 83.33 | 5 | DC24V |
| | G | -- | -- | 3 | 167 | 55.7 | | | |
| | B | -- | -- | 3 | 32 | 10.7 | | | |
| | W : 6500K | >90 | 5 | 6 | 486 | 81.0 | | | |
| | RGBW | -- | -- | 15 | 716 | 47.7 | | | |

RGBTW parameter

| Power | Color/CCT(K) | CRI | Power | LM/M | LM/W | Cutting length (mm) | Max length (M) | Input voltage |
|-------|--------------|-----|-------|------|------|-----------------------|------------------|---------------|
| 9 | R | -- | 3 | 58 | 19.3 | 71.4 | 5 | DC24V |
| | G | -- | 3 | 171 | 57 | | | |
| | B | -- | 3 | 33 | 11 | | | |
| | RGB | -- | 9 | 248 | 27.6 | | | |
| 10 | 2700±100K | >90 | 5 | 360 | 72 | 71.4 | 5 | DC24V |
| | 5500±300K | >90 | 5 | 357 | 71.4 | | | |
| | 3800K±200K | >90 | 10 | 722 | 72.2 | | | |

14MM Photoelectric parameters

SPI parameter

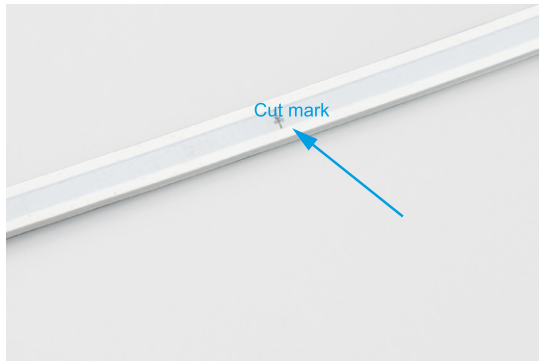
| Input voltage | Power | Color | LM/M | LM/W | Pixel No | Signal Type | IC Model | Cutting length (mm) | Max length (M) |
|---------------|-------|-------|------|------|----------|-------------|----------|-----------------------|------------------|
| DC12V | 13 | R | 44.4 | 3.4 | 100 | SPI | UCS1903 | 10 | 3 |
| | | G | 143 | 11.0 | | | | | |
| | | B | 33.5 | 2.6 | | | | | |
| | | RGB | 210 | 16.2 | | | | | |

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of $\pm 10\%$.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

Wire

| Wire type | Picture | Specification | Core number | Electrical property |
|-----------|---------|--|-------------|--|
| | | 20AWG red, black 2 PIN | ● ● | Red V+, Black V- |
| | | 20AWG brown, white, yellow 3 PIN | ● ○ ● | Tunable white: brown V+, white W, yellow WW |
| | | 20AWG brown, white, yellow 3 PIN | ● ○ ● | SPI: Brown V+, White DI, Yellow GND |
| PVC wire | | 20AWG black, blue, red, green 4 PIN | ● ● ● ● | Black V+, Blue B, Red R, Green G |
| | | 20AWG black, white, blue, green, red 5 PIN | ● ○ ● ● ● | Black V+, White W, Blue B, Green G, Red R |
| | | 20AWG black, blue, red, green, yellow, white 6 PIN | ● ● ● ● ● ○ | Black V+, Blue B, Red R, Green G, Yellow WW, White W |

Cut mark



Remarks: There is a transparent window at the bottom of the LED strip, and the black mark is the cutting position;

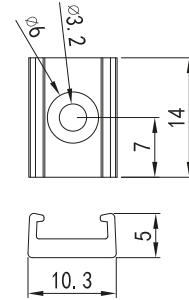


Make precise vertical cuts at the exact cut position of the LED strip.

Mounting clip

C8 clip

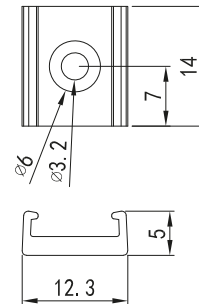
8MM Mounting clip



Size :
14x10.3x5
Accessory :
PA 3X 10
Self-tapping screw

C10 clip

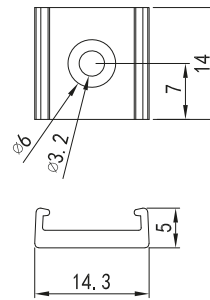
10MM Mounting clip



Size :
14x12.3x5
Accessory :
PA 3X 10
Self-tapping screw

C12 clip

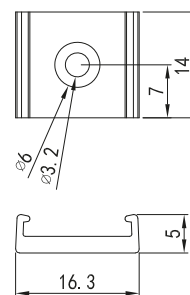
12MM Mounting clip



Size :
14x14.3x5
Accessory :
PA 3X 10
Self-tapping screw

C14 clip

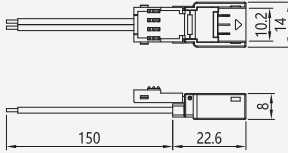
14MM Mounting clip



Size :
14x16.3x5
Accessory :
PA 3X 10
Self-tapping screw

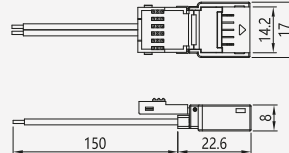
Quick Connector (Note: The maximum carrying current is 5A; The waterproof grade is reduced to IP20 after using the quick connector)

10mm Quick Connector



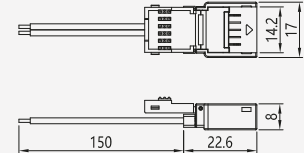
Single color (Red&Black 2-core Cable ,Red V+,Blck V-)
 CCT Tunable (Brown&White&Yellow 3-core Cable ,
 Brown V+, White W, Yellow WW)
 Digital RGB(Red&Green&Black 3-core Cable , Red V+,
 Green DI, Black GND)

12mm Quick Connector



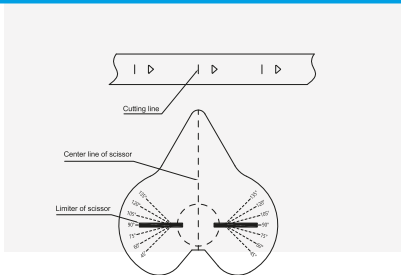
Single color (Red&Black 2-core Cable ,Red V+,Black V-)
 CCT Tunable (Brown&White&Yellow 3-core Cable ,
 Brown V+, White W, Yellow WW)
 Digital RGB(Red&Green&Black 3-core Cable , Red V+,
 Green DI, Black GND)
 R G B(Black&Blue&Red&Green 4-core Cable ,Black V+,
 BlueB, Red R, Green G)

14mm Quick Connector

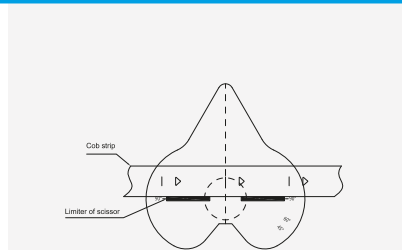


Single color(Red&Black 2-core Cable ,Red V+, Black V-)
 CCT Tunable (Brown&White&Yellow 3-core Cable ,
 Brown V+, White W, Yellow WW)
 Digital RGB(Red&Green&Black 3-core Cable , Red V+,
 Green DI, Black GND)
 R G B(Black&Blue&Red&Green 4-core Cable ,Black V+,
 BlueB, Red R, Green G)
 RGBW(Black&White&Blue&Green&Red 5-core Cable ,
 Black V+, White W, Blue B, Green G, Red R)

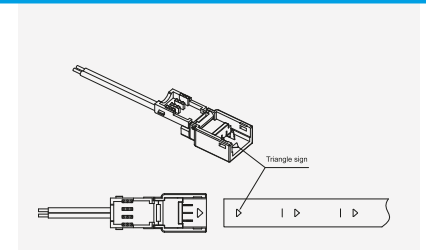
Assembly Diagram



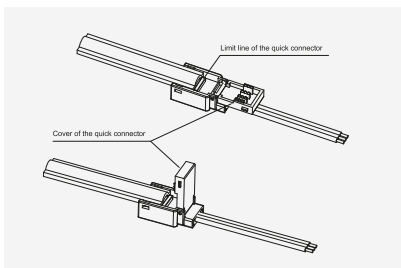
1. Align the scissor with the cutting line on the back of the dotless line.



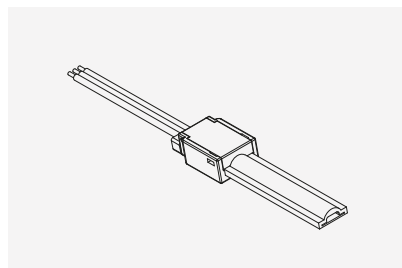
2. Place the dotless line parallel to the scissor and cut the dotless line neatly.



3. Align the triangle sign on the dotless line with that on the quick connector. (Note: The directions of the two triangle signs must be consistent to avoid short circuit.)

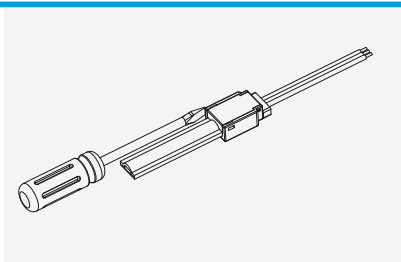


4. Align the dotless line with the limit line on the quick connector, and then press the cover until you hear the click sound.

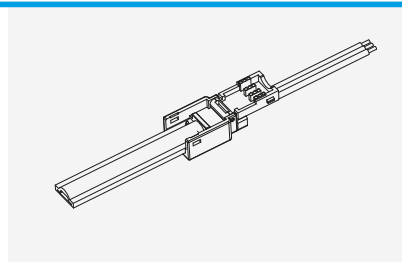


5. Schematic diagram of installation completion.

Disassembly Diagram



1. Use a flat-head screwdriver to pry the side of the quick connector along the side gap, and then pry another side.

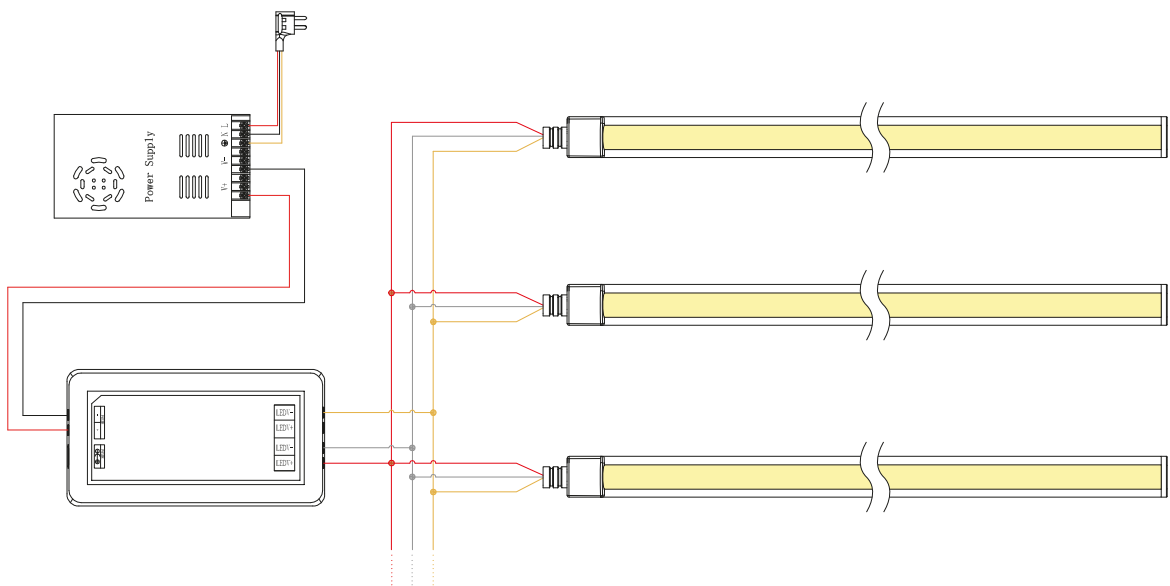


2. Open the cover and remove the dotless line with the needle. Note: When the removed dotless line is used again, the unit length of dotless line that FPCB has been punctured must be cut off to avoid poor contact during reinstallation.

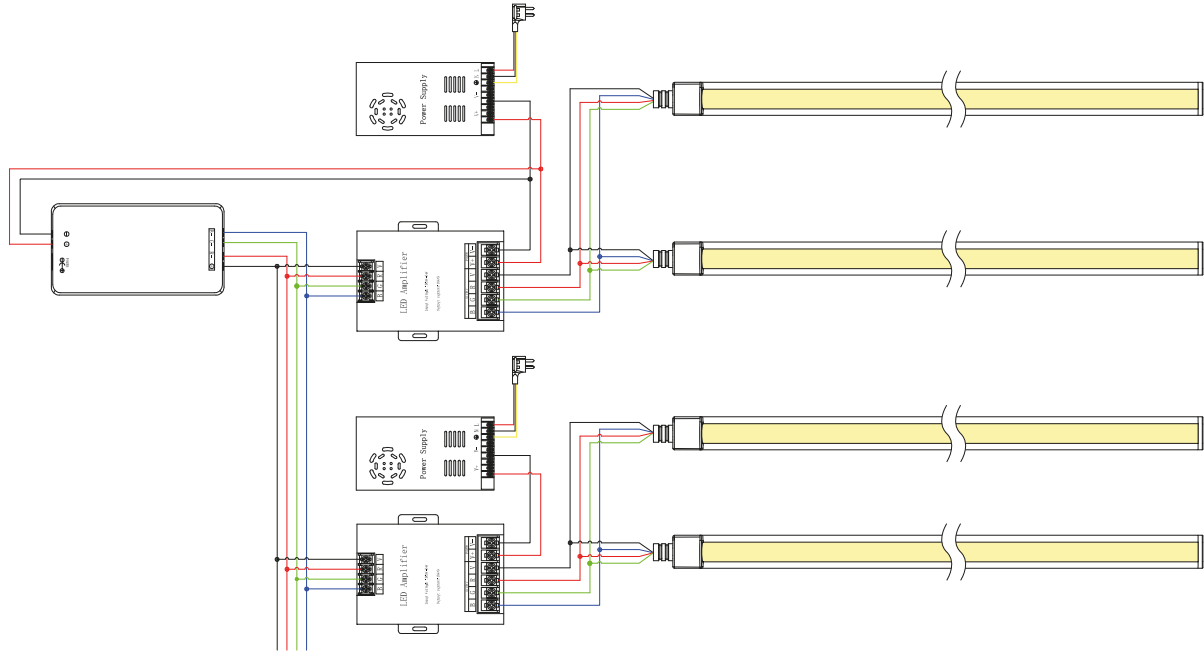
Single color wiring diagram



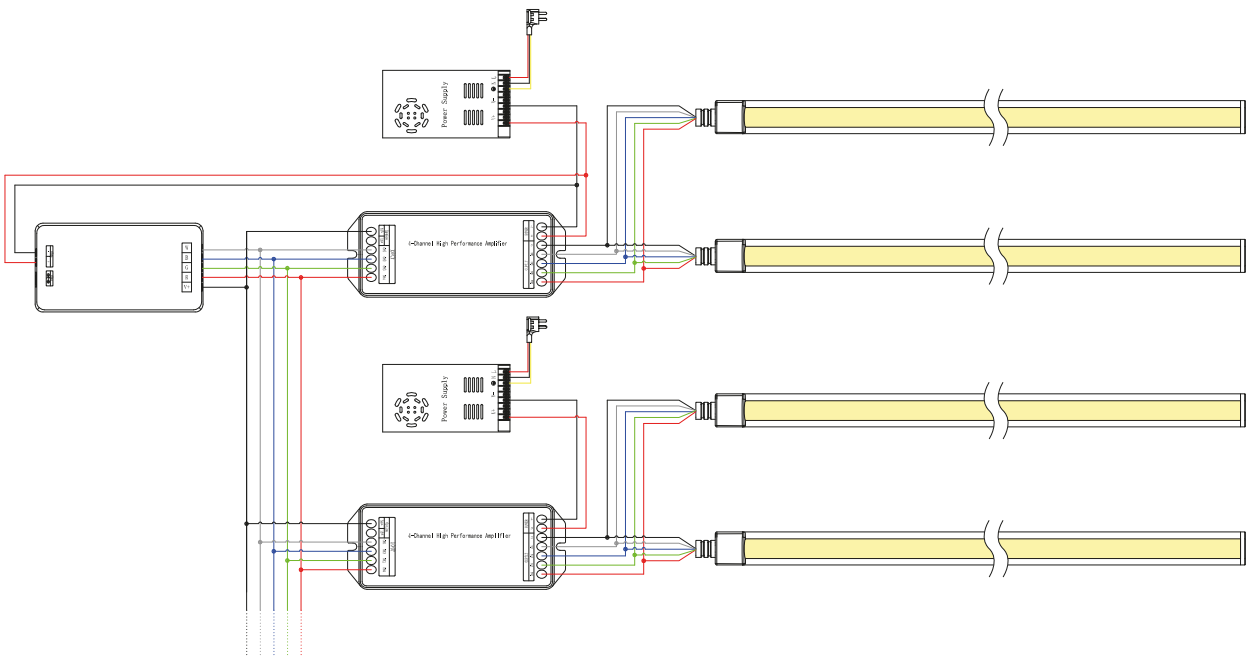
Tunable white wiring diagram



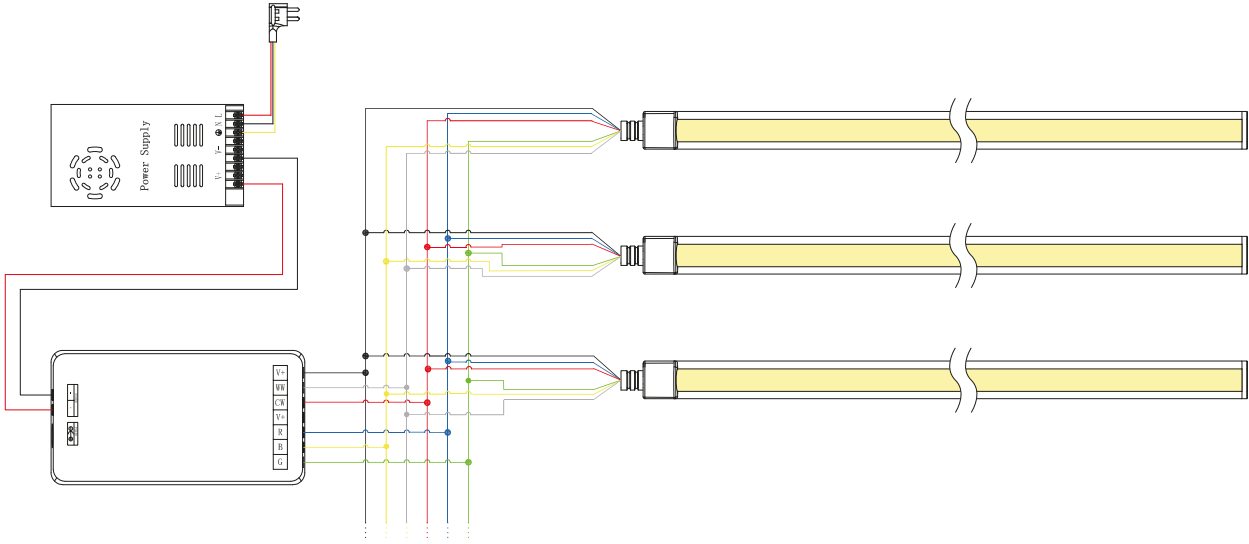
RGB wiring diagram



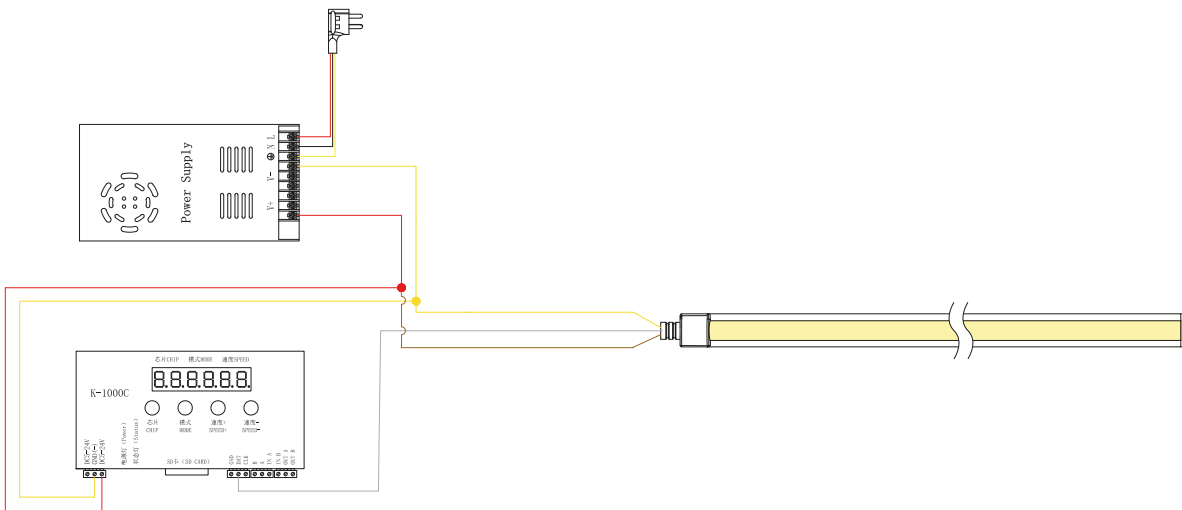
RGBW wiring diagram



RGBTW wiring diagram

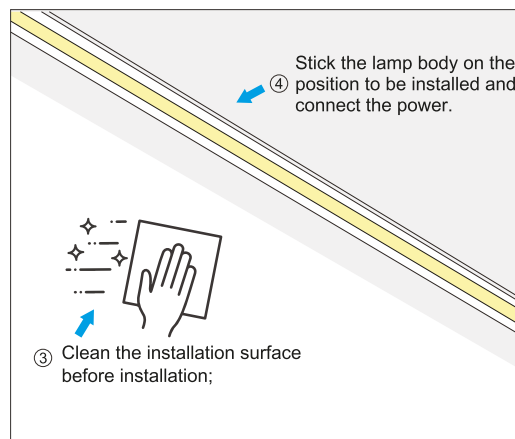
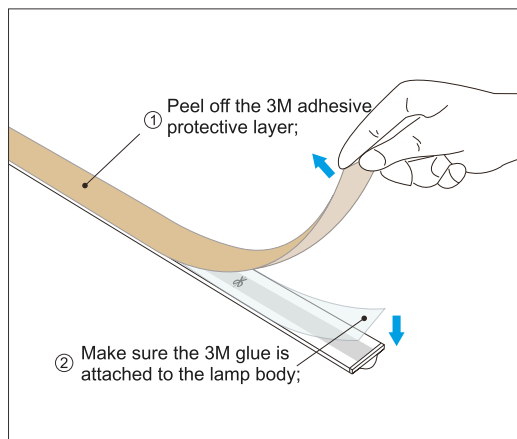


SPI wiring diagram

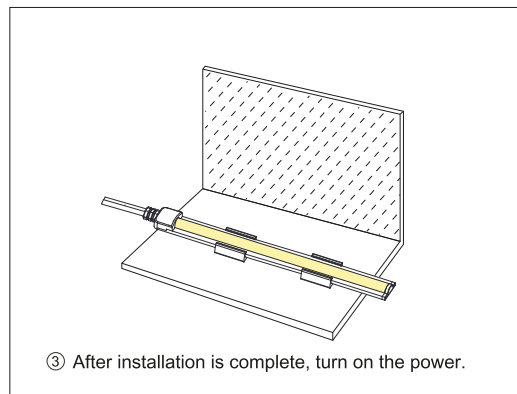
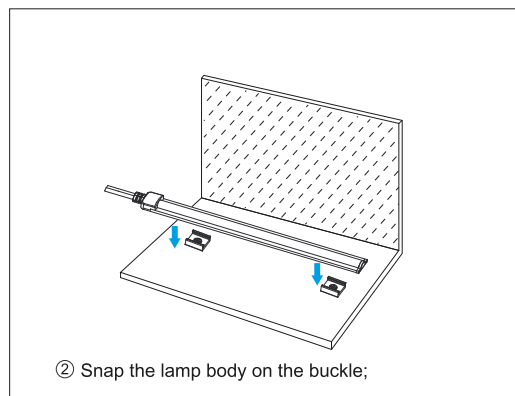
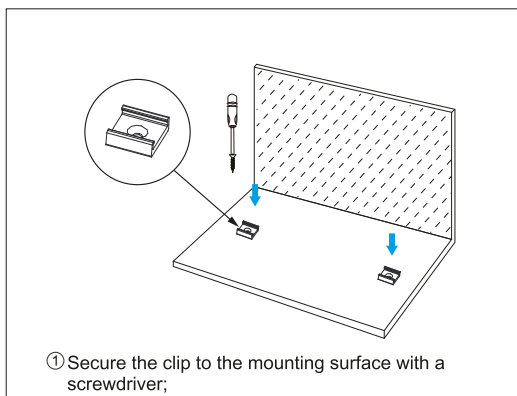


Installation diagram

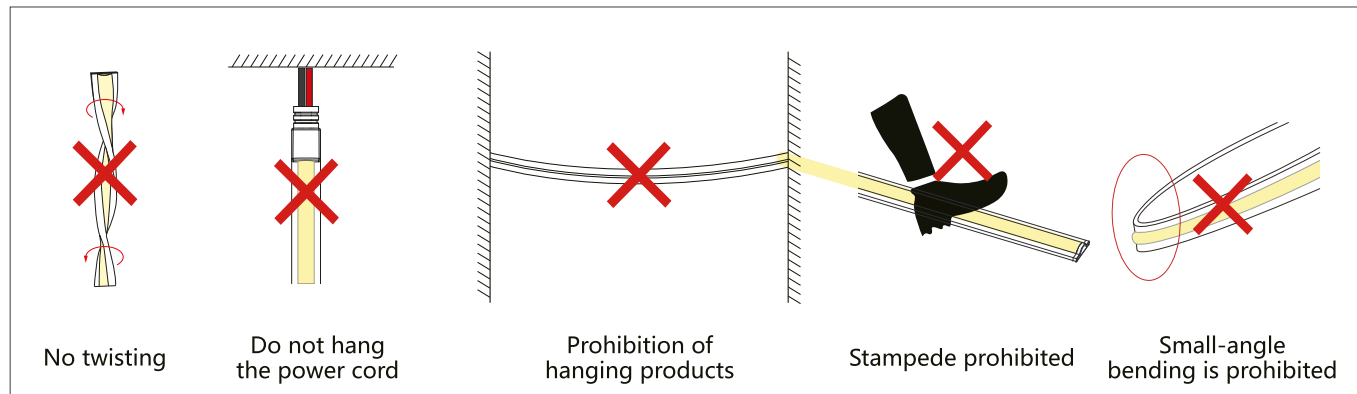
Installation by 3M adhesive



Installation by mounting clip



Precautions



- ※ Unused products and products that have not been used after unpacking should be sealed in packaging bags to avoid prolonged exposure.
- ※ Please use DC24V isolated constant voltage switching power supply with ripple voltage less than 5%. Using other types of power supply may damage the product or cause other safety risks.
- ※ In practical applications, the power supply should reserve 20% of the margin (recommended to use only 80% of the power) to ensure the stability of the power supply.
- ※ It is recommended to connect the power supply wiring by professionals, and it is strictly forbidden to connect the power supply with electricity to prevent electric shock.
- ※ Pay attention to the positive and negative poles of the power cord, and do not connect them incorrectly; whether the voltage of the power supply and the product is the same, so as to avoid damage to the product.
- ※ When using multiple power supplies, avoid the situation where the positive poles of the power supplies are connected in parallel with each other, otherwise the power supply system will be unstable and long-term operation will result in damage.
- ※ If the actual application length exceeds the specified use length, it will cause the lamp strip to be overloaded and heated, and the brightness will be uneven.
- ※ Please avoid scratching, twisting and irregular bending of the product during installation, otherwise it may cause irreparable damage to the product.
- ※ In order to ensure the life and reliability of the light strip, please do not be smaller than the minimum bending diameter specified by the product. Too small bending diameter will damage the product itself.
- ※ In order not to hurt your eyes, try to avoid staring at the light-emitting surface of the light bar that is being lit for a long time.
- ※ Non-professionals are prohibited from installing, disassembling and maintaining the product.
- ※ It is strictly forbidden to use any acid or alkaline adhesive to fix the product (including but not limited to glass glue, etc.).
- ※ Different IP grades of products have different usage scenarios, and IP65 is not suitable for water immersion environments.
- ※ IP68 products are only factory-assembled, and the waterproof level needs to be downgraded when the user processes and cuts them by himself.
- ※ Products of different sizes and specifications have a slight deviation in the final color due to structural differences under the same color temperature value, and must be confirmed before use.

Tests have shown that formazan and benzene substances will have a yellowing effect on silica gel; in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture, It is possible to release formazan and benzene substances. It is recommended that in the newly renovated indoor environment, formaldehyde and benzene should be removed or ventilation should be carried out for a period of time before the installation of light bars to avoid yellowing of the silica gel of the lamp body.