

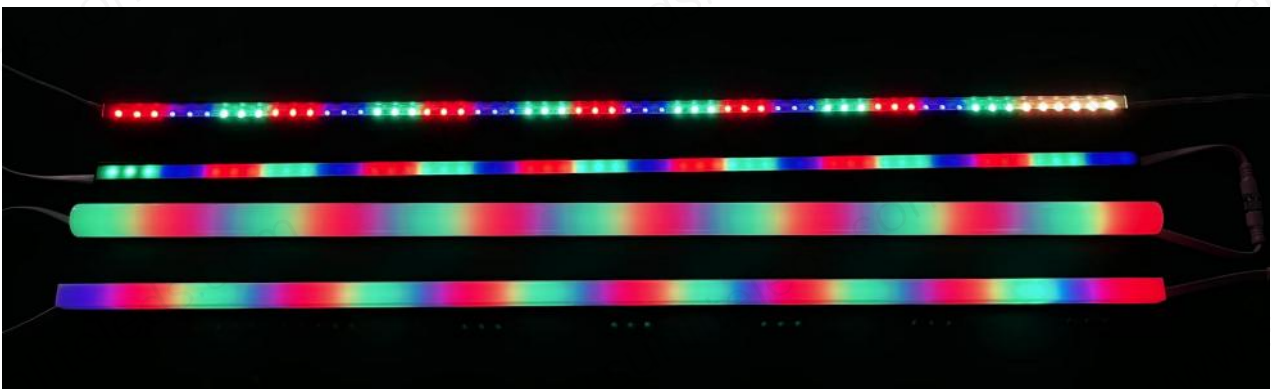


# Shenzhen Suntech Company Limited

## Product Specification

Product name: Pixel LED Linear Light

### 1、 Product Picture



Video Link: <https://www.youtube.com/watch?v=lyWcLmt-fO4>

### 2、 Product Description

(1)LED linear light is a new type of linear light developed by our company.

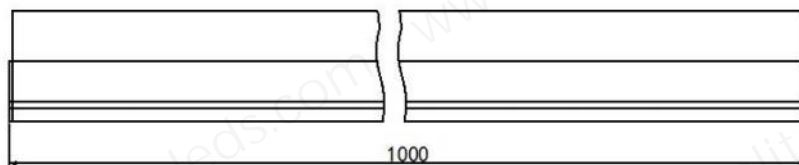
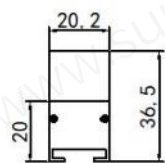
(2)LED linear lights adopt high-quality PCB circuit boards to solve the problem of voltage drop, adopting high-brightness and super-high-quality LEDs.LED linear light is a kind of indoor and outdoor landscape decoration lights, mainly suitable for indoor buildings and outdoor landscape lighting applications.

(3)LED linear lights are easy to install and can be made into waterproof and non-waterproof lights. And the LED linear lights have the characteristics of high brightness, uniform luminosity,and no glare.The flashing effect can be freely set according to the environment and your requirements.The products mainly include monochrome plus magic color RGB and magic color RGBW, etc.

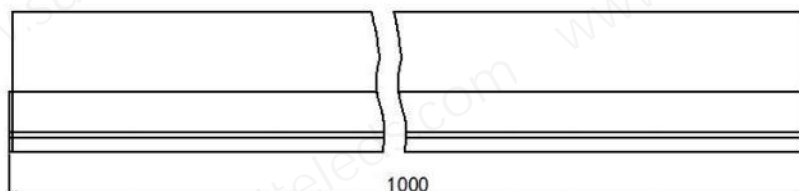
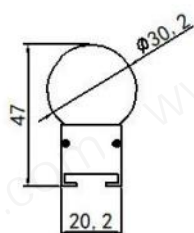
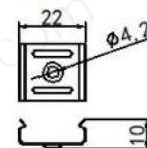
(4)LED Linear light can be made into two external control modes: DMX512 and TTL.

(5)The shell of the LED linear light is mainly composed of imported PC materials and high-quality aluminum alloy. The main advantages of PC materials are: high-quality heat resistance, good transparency and high impact resistance and other physical and mechanical properties, and has the advantages of high light transmittance, corrosion resistance, and UV resistance.

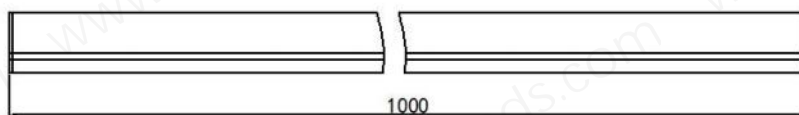
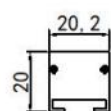
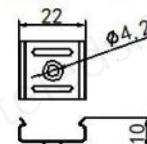
### 3、 Product Dimensions



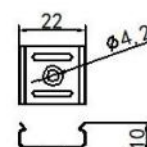
Mounting bracket



Mounting bracket



Mounting bracket



### 4、 Product Specification (Customization Available)

#### (1) Control Method: TTL

Model	Length (mm)	Shell	Base Size (mm)	LED Pixel (Piece)	Control Method	IP Rating	Power (Watt)	Led Color	Pixel Qty. (Piece)	Voltage (V)
ST-TTL-60	1000	Black,Transparent, Milky white, Square, Round	20x20	60	TTL	IP20/IP65	14.4	RGB/RGBW	10/20	DC12V/DC24V
ST-TTL-72	1000	Black,Transparent, Milky white, Square, Round	20x20	72	TTL	IP20/IP65	16	RGB	12/24	DC12V/DC24V
ST-TTL-120	1000	Black,Transparent, Milky white, Square, Round	20x20	120	TTL	IP20/IP65	28	RGB	20/40	DC12V/DC24V

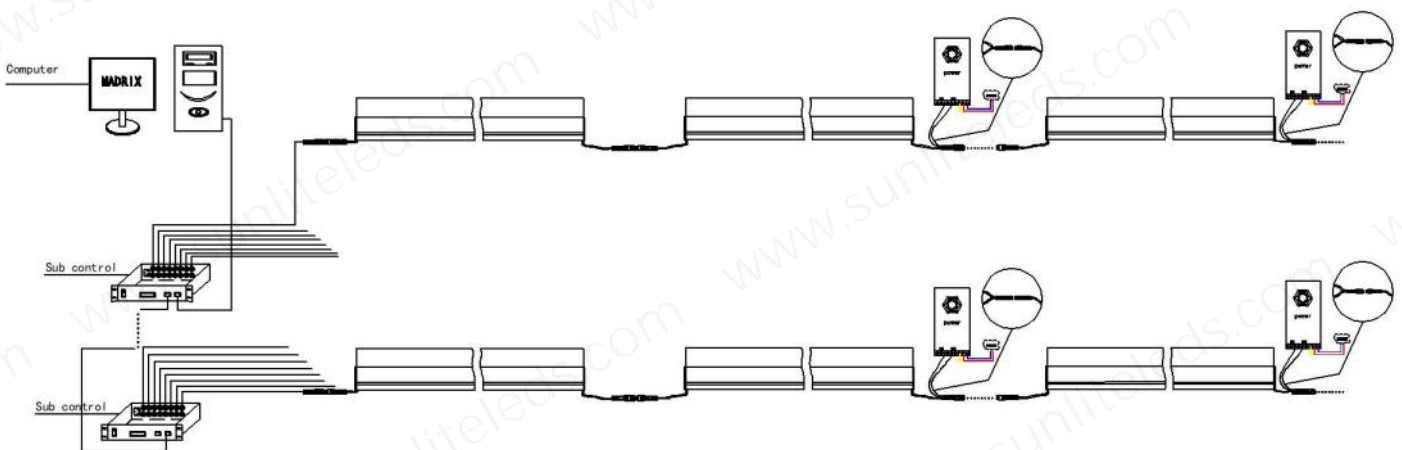
## (2)Control Method: DMX512

Model	Length (mm)	Shell	Base Size (mm)	LED Pixel (Piece)	Control Method	IP Rating	Power (Watt)	Led Color	Pixel Qty. (Piece)	Voltage (V)
ST-DMX-60	1000	Black,Transparent , Milky white, Square, Round	20x20	60	DMX512	IP20/IP65	14.4	RGB/ RGBW	10/20	DC12V/ DC24V
ST-DMX-72	1000	Black,Transparent , Milky white, Square, Round	20x20	72	DMX512	IP20/IP65	16	RGB/ RGBW	12	DC24V
ST-DMX-120	1000	Black,Transparent , Milky white, Square, Round	20x20	120	DMX512	IP20/IP65	28.8	RGB	20	DC24V

## 5、 Control Diagram and Installation Diagram

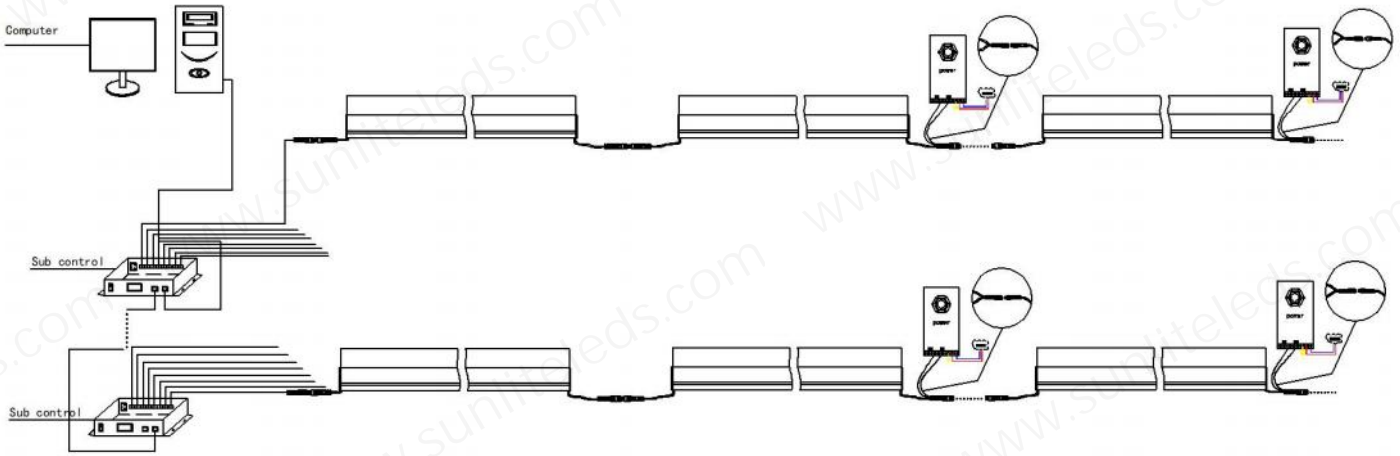
### (1)Madrix Control

Recommended controller: T790K, YC3000



## (2) Online Control By Computer

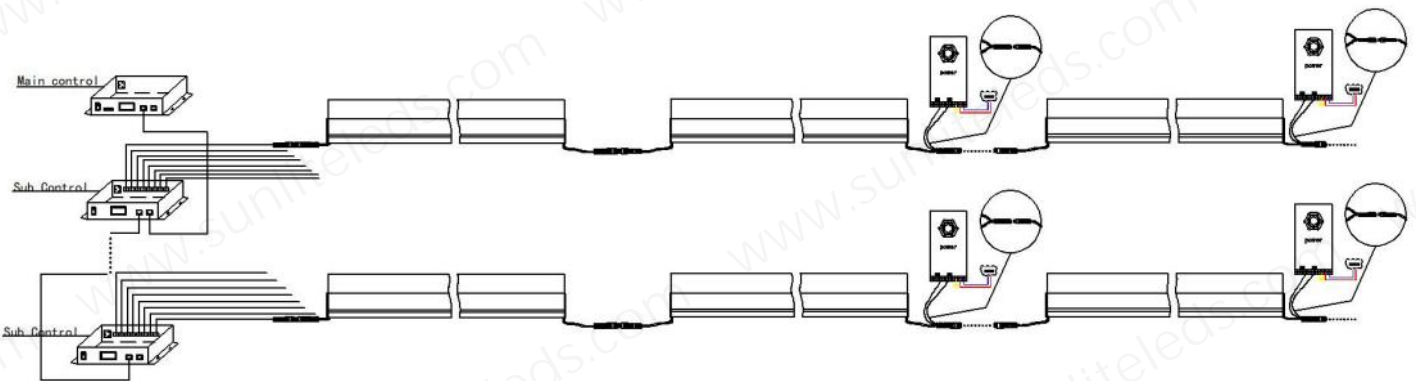
Recommended controller: T-790K



## (3) Main control + sub control (Big project)

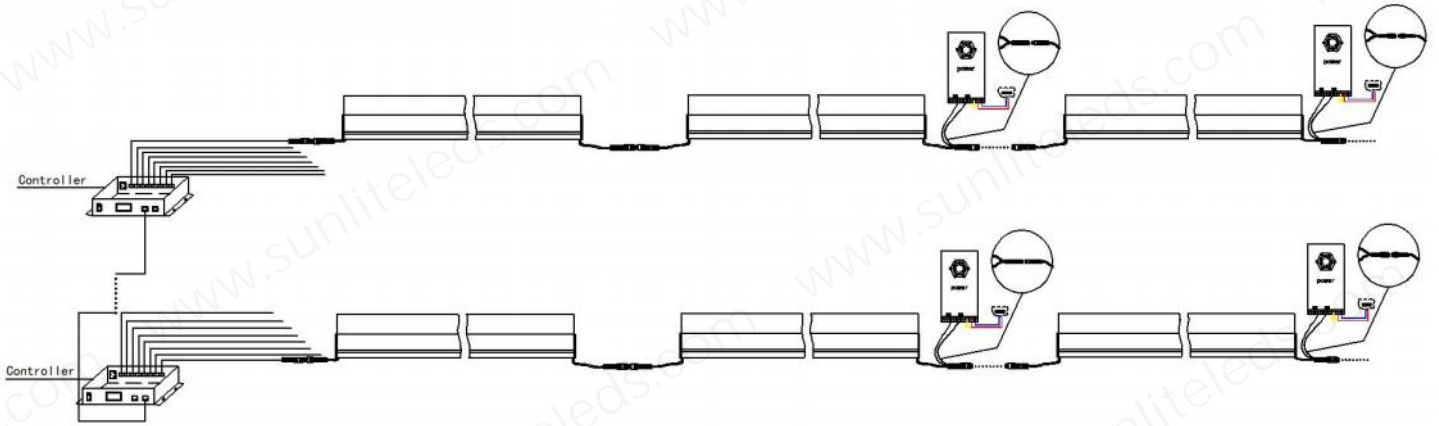
Recommended controller: Main controller: XB-Z2/MR-BF12B,

Sub controller :T-780K/MR-218DW



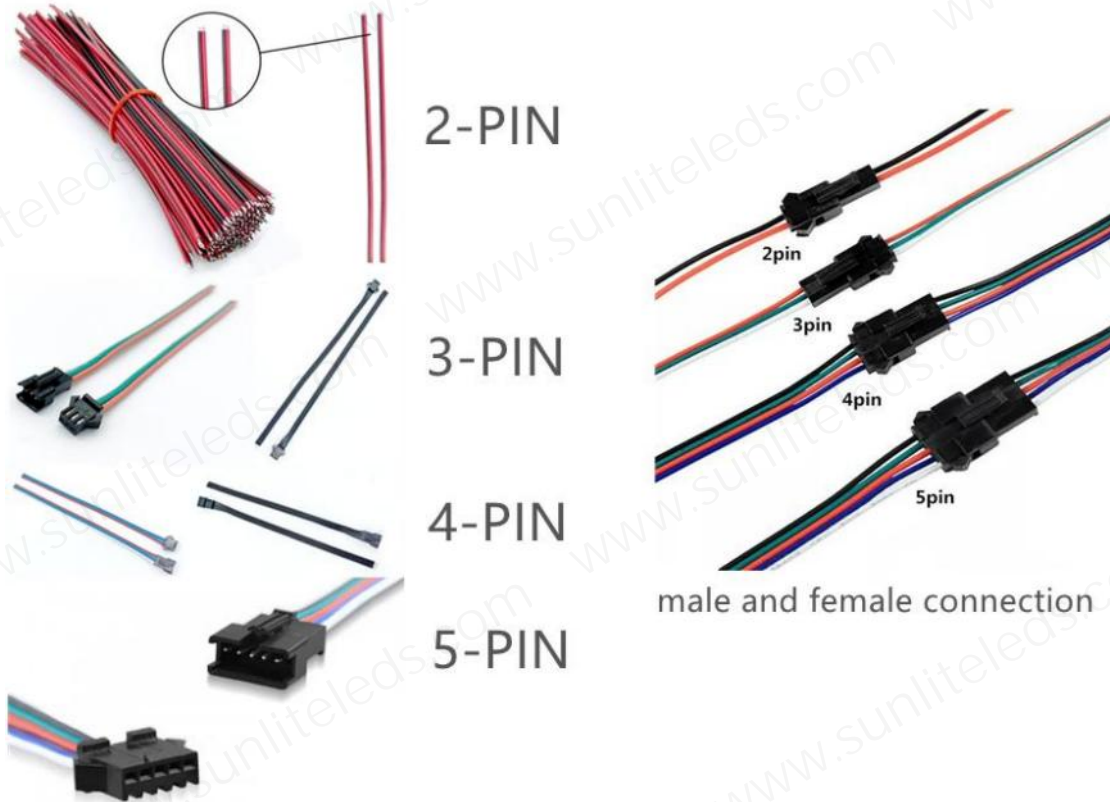
#### (4) Built-in program Auto loop playback (Small project)

Recommended controller: K-8000C, K-1000C



### 6、Accessories

#### Non-waterproof Cable & JST Connector



## Waterproof TTL and DMX Cable Connector



### 7. Installation Notes

- (1) Please read the manual in detail before installation.
- (2) Before installation, make sure that the working voltage of the LED Linear light matches the output voltage of the switching power supply you purchased.
- (3) When installing, pay attention to the wiring label of the lamp. The red wire is connected to "positive (+)", the black wire is connected to "negative (-)", and other colors are detailed on the wiring label of the lamp. The wiring must be powered off during installation.
- (4) It is strictly forbidden to cut off the male and female head wires with electricity, so as not to burn out the lamps in the short-circuit.
- (5) LED Linear light with control must comply with the male in and female out, and the direction of the signal must be connected in series when connecting the lamps.
- (6) This lamp is forbidden to be disassembled without permission, if it is disassembled without permission, our company will not bear the warranty.

### 8. Simple troubleshooting

- (1) When the lamp does not turn on when it is powered on: check whether the switching power supply has a working output voltage, or whether the working voltage of the switching power supply is normal.
- (2) After the switch power supply works normally, the lamp still does not light up: check whether the signal line of the lamp is connected incorrectly or whether the connection is normal, and check whether the controller works normally and whether it has been powered on.
- (3) The above work is normal, but the lamp still does not light up: check whether the SD card of the controller has been inserted, and whether there is a program in the SD card.
- (4) The lamp jumps or flickers: Check whether the negative pole of the lamp is connected in parallel with the negative pole of the switching power supply including the GND of the controller.
- (5) If the above inspection is completed, it is still out of control, please contact our sales staff to deal with it.