

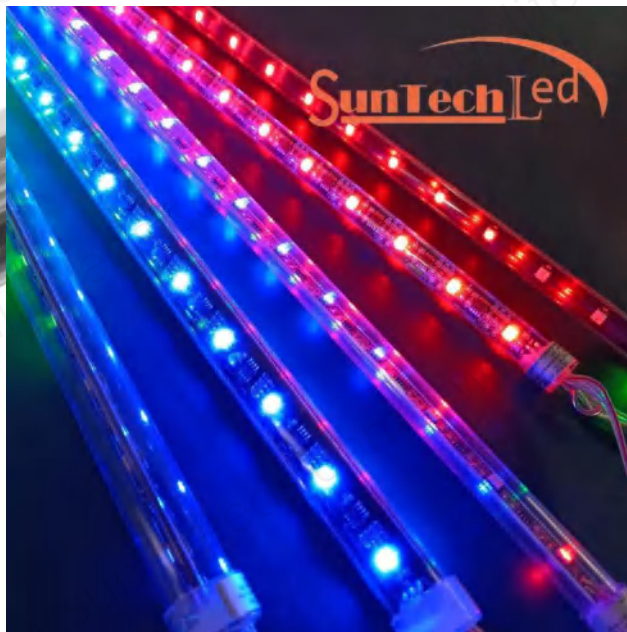


Shenzhen Suntech Company Limited

Product Specification

Product name: 360 Degree LED Meteor Tube Light

1、 Product Picture



Video link:

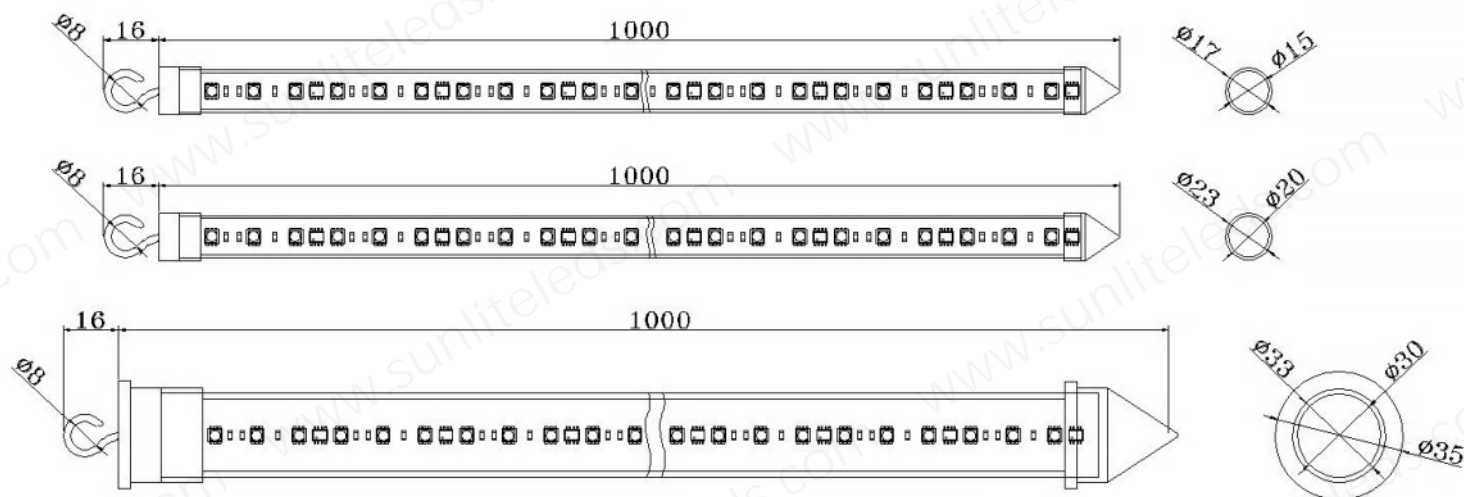
1. <https://www.youtube.com/watch?v=bLqJnJm6ef8>
2. <https://www.youtube.com/watch?v=kV3qtBjfBTM>

2、 Product Description

- (1) LED meteor tube light can be called 3D LED meteor light, and can also be called LED meteor shower light.
- (2) LED meteor tube light adopts high-quality rigid PCB circuit board, high-brightness and super-quality LED. LED meteor tube light is a kind of indoor and outdoor landscape decorative light, which is mainly suitable for hanging on branches, under eaves and any objects that can be hung in indoor buildings, replacing traditional LED ice strip lights and other lamps.
- (3) LED meteor tube light is easy to install and can be made into waterproof and non-waterproof lights. And the LED meteor tube has high brightness and flickering effect is like shooting stars streaking across the sky in the night sky. The flashing effect can be freely set according to the environment and your requirements. The main colors are RGB and RGBW and so on.
- (4) LED meteor tube light can be made into two external control modes: DMX512 and TTL.

(5)LED meteor tube light shell is mainly made of imported PC material. The main advantages of PC materials: 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, UV resistance, etc.

3、 Product Dimensions



4、 Product Specification (Customization Available)

(1)Control Method: TTL

Model	Size(mm)	Diameter (mm)	LED Qty. (piece)	Control Method	IP Rating	Pixel Qty. (piece)	LED Color	Power (Watt)	Voltage (V)
ST-TTL-32	500	15/20/30	32	TTL	IP20/IP65	16	RGB	6	DC12
ST-TTL-64	1000	15/20/30	64	TTL	IP20/IP65	32	RGB	12	DC12
ST-TTL-96	1500	15/20/30	96	TTL	IP20/IP65	48	RGB	18	DC12
ST-TTL-128	2000	15/20/30	128	TTL	IP20/IP65	64	RGB	24	DC12

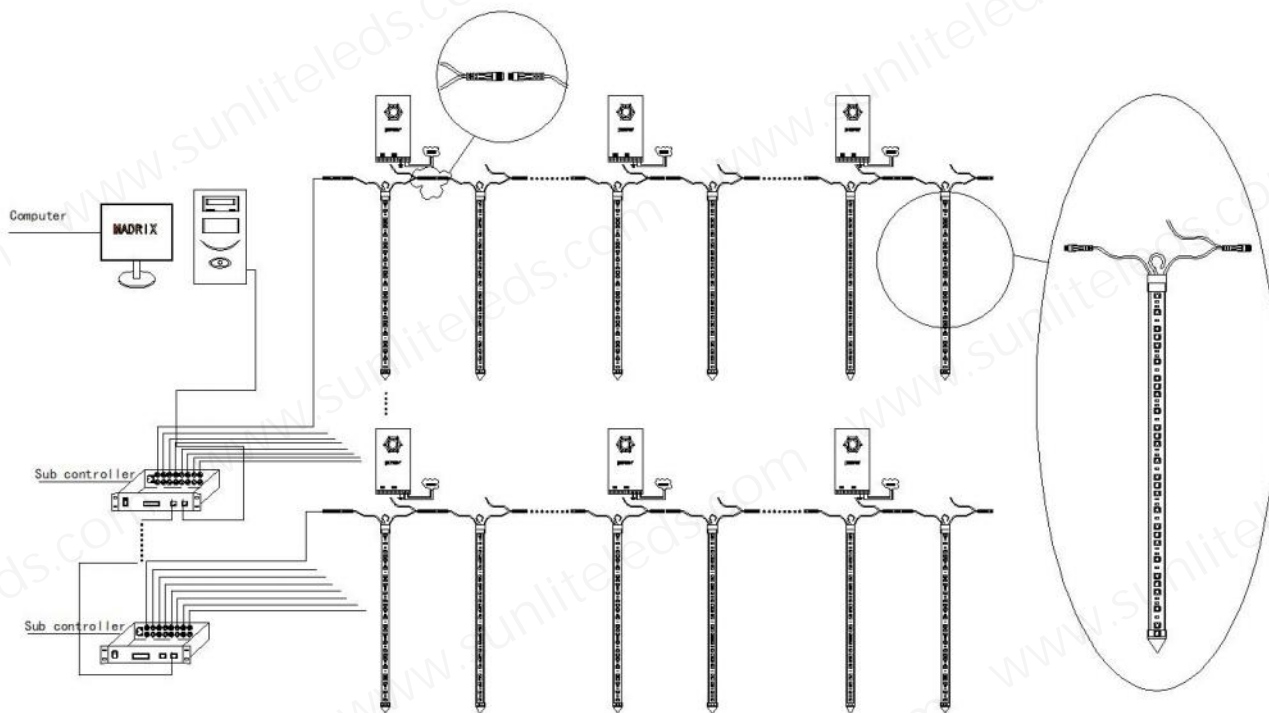
(2)Control Method: DMX512

Model	Size (mm)	Diameter (mm)	LED Qty. (piece)	Control Method	IP Rating	Pixel Qty. (piece)	LED Color	Power (Watt)	Voltage (V)
ST-DMX-30	500	15/20/30	30	DMX512	IP20/IP65	5	RGB/RGBW	6	DC24
ST-DMX-60	1000	15/20/30	60	DMX512	IP20/IP65	10	RGB/RGBW	12	DC24
ST-DMX-90	1500	15/20/30	90	DMX512	IP20/IP65	15	RGB/RGBW	18	DC24
ST-DMX-120	2000	15/20/30	120	DMX512	IP20/IP65	20	RGB/RGBW	24	DC24

5、 Control Diagram and Installation Diagram

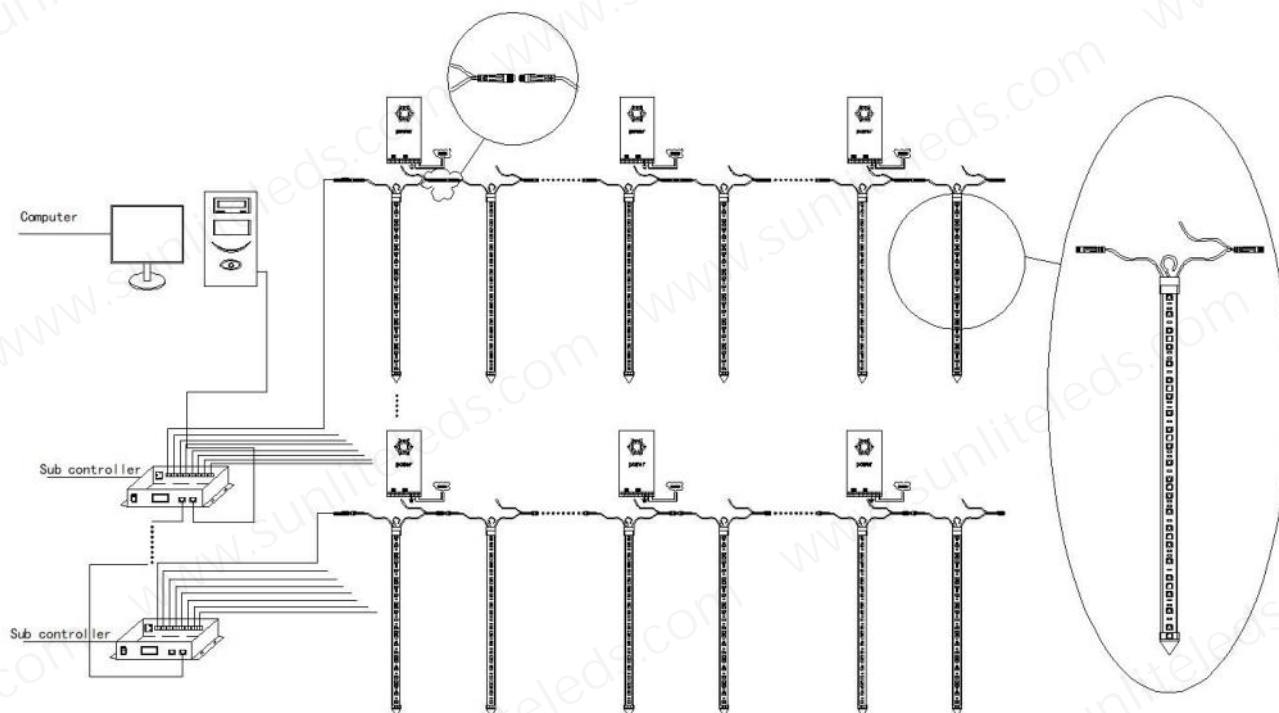
(1) Madrix Control

Recommended controller: T790K, YC3000



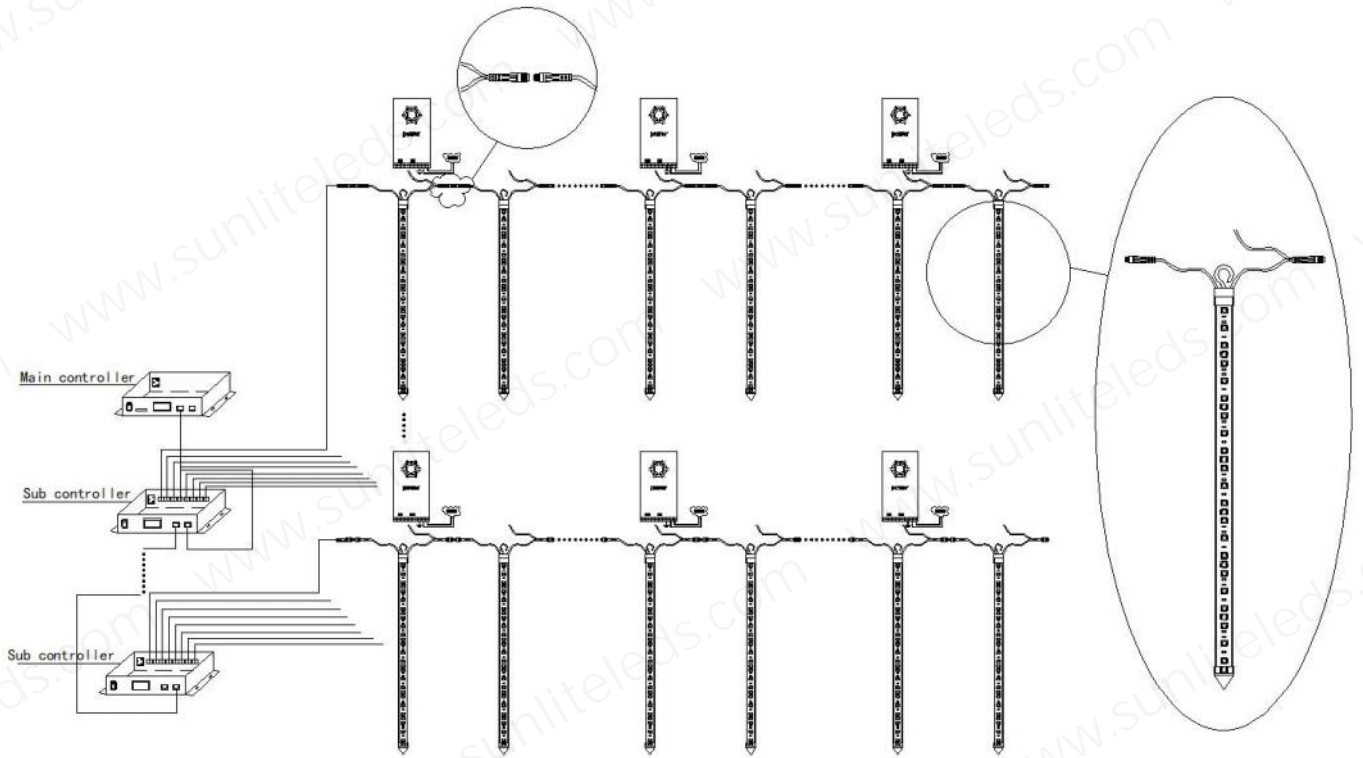
(2) Online Control By Computer

Recommended controller: T-790K



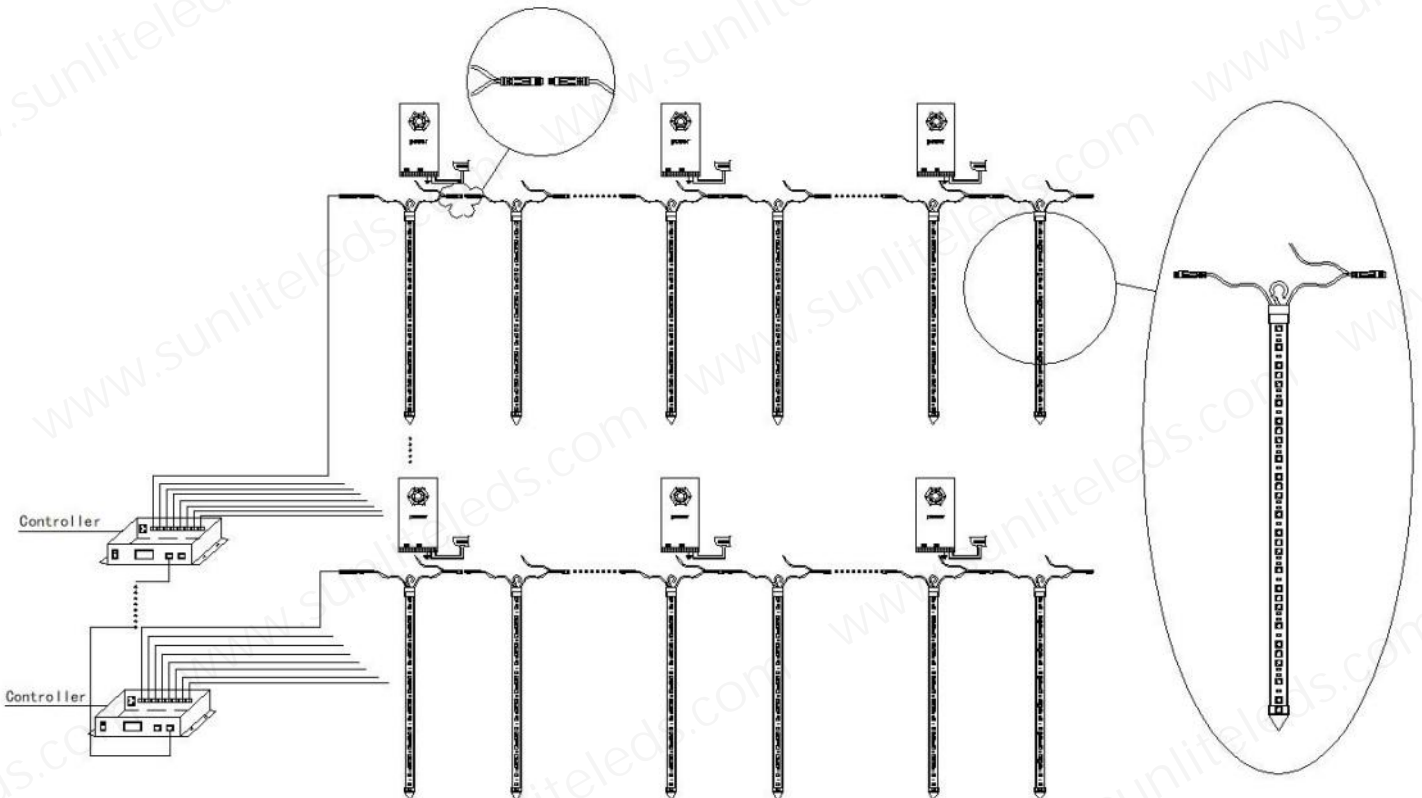
(3) Main control + sub control (Big project)

Recommended controller: Main controller: XB-Z2/MR-BF12B,
Sub controller :T-780K/MR-218DW



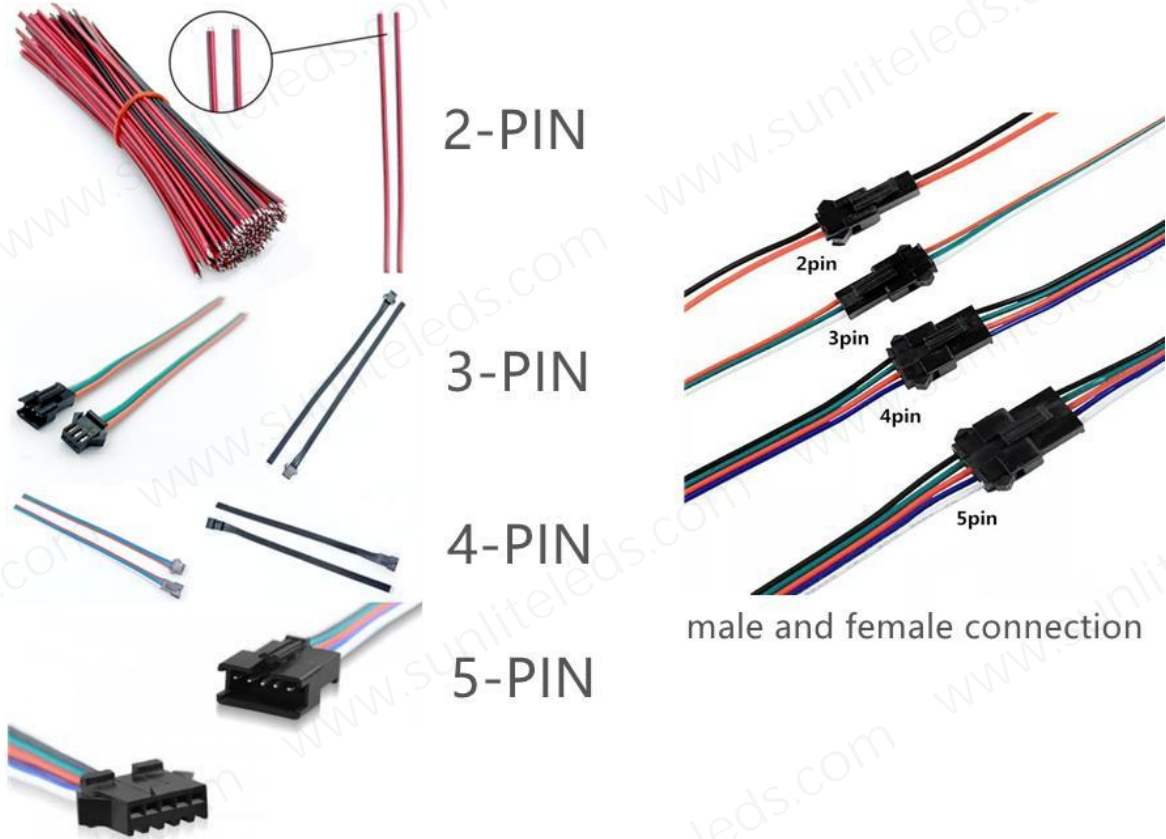
(4) Built-in program Auto loop playback (Small project)

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 meteor tube 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 meteor tube 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.