



Shenzhen Suntech Company Limited

Product Specification

Product name: SM16703/WS2811/UCS1903 Addressable CCT LED Strip

1. Product Picture



2. Product Description

- (1) Personalized customization: Print your logo on the PCB, and do customized packages are acceptable.
- (2) Multi-selectivity: The color and width of PCB board could be selected. PCB thickness can be 2oz, 3oz. From IP20 to IP68 styles are all available, Suit for both indoor lighting and outdoor projects.
- (3) Easy installation: Self-adhesive 3M tape on back, it can be fixed on any dry and flat surface without any screws and clips.

(4)Widely Application: It is widely used in wall corridor, indoor environment decoration, entertainment places, wine cabinet bar backlight, ceiling backlight, LED light box light source, LED luminous brand, aquarium supplies, car decoration and so on.

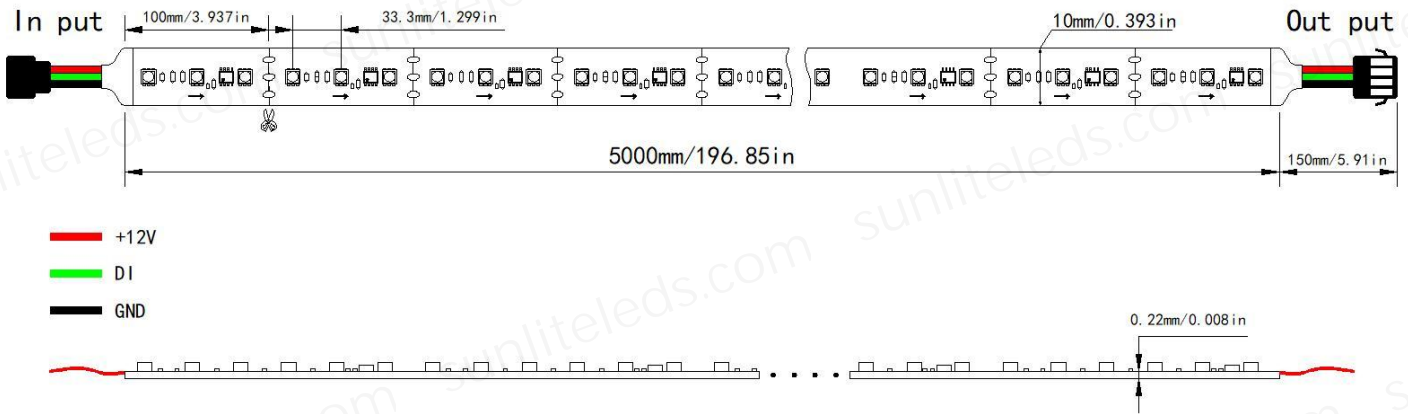
(5)High quality: Long lifespan 50000 hours , 3 years warranty and 5 years warranty for options.

3. Product Dimensions

(1) DC12v 30leds/m SM16703/WS2811/UCS1903

Dimension (unit:mm/in)

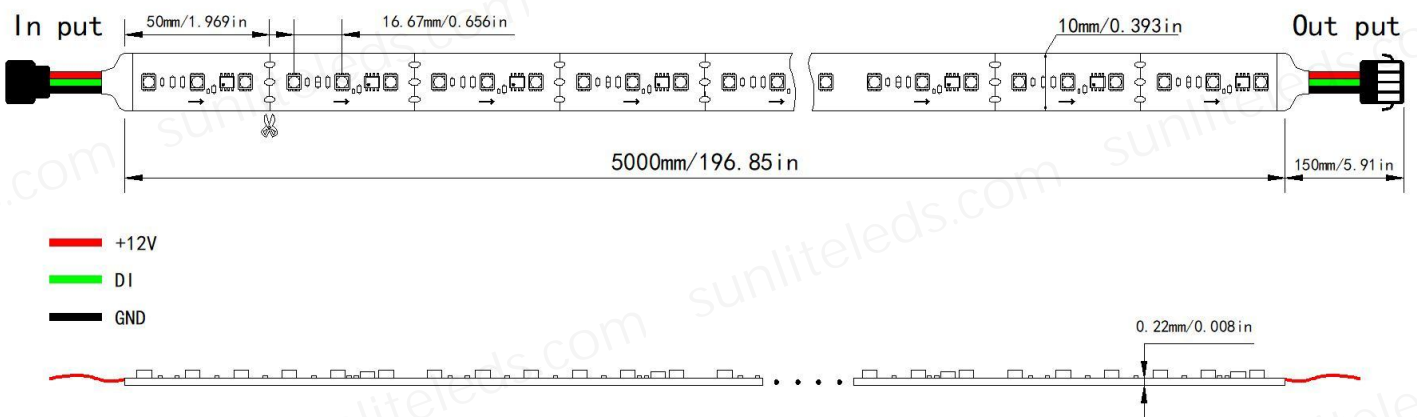
DC12V



(2) DC12v 60leds/m SM16703/WS2811/UCS1903

Dimension (unit:mm/in)

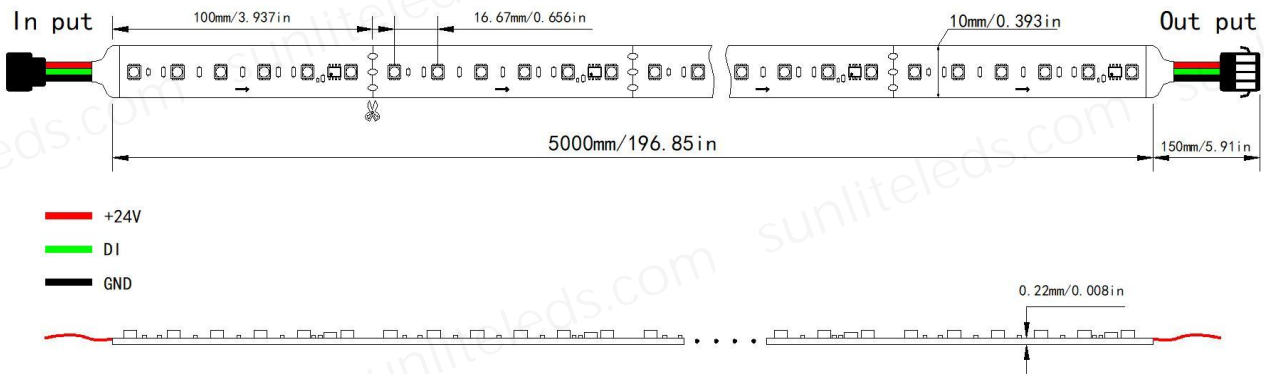
DC12V



(3) DC24v 60leds/m SM16703/WS2811/UCS1903

Dimension (unit:mm/in)

DC24V



4. Product Specification

Item No	Voltage	Power Consumption	PCB Size(mm)	IP Rated	LED Qty.	LED Color	Control Way	Break Continue
STE-TTL-3PIN-CCT-30	DC12v	7.2w/m	5000*10*0.22	IP20/IP65/IP67	30led/m	CCT	TTL	No
STE-TTL-3PIN-CCT-60	DC12v	14.4w/m	5000*10*0.22	IP20/IP65/IP67	60led/m	CCT	TTL	No
STE-TTL-3PIN-CCT-60	DC24v	14.4w/m	5000*10*0.22	IP20/IP65/IP67	60led/m	CCT	TTL	No

5. Production Application

It is widely used in wall corridor, indoor environment decoration, entertainment places, wine cabinet bar backlight, ceiling backlight, LED light box light source, LED luminous brand, aquarium supplies, car decoration and so on



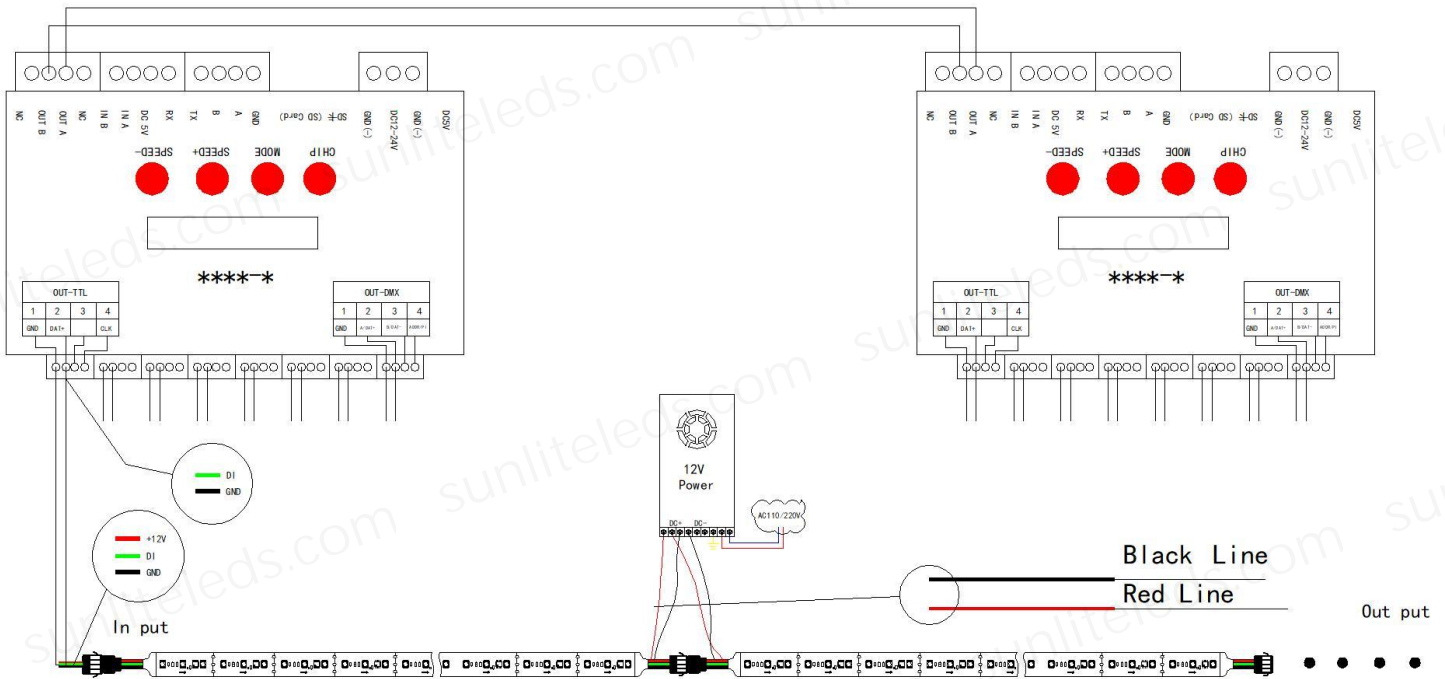
Video link:

DC12v 30leds/m: <https://www.youtube.com/watch?v=Xh0cOJRODyg&t=1s>

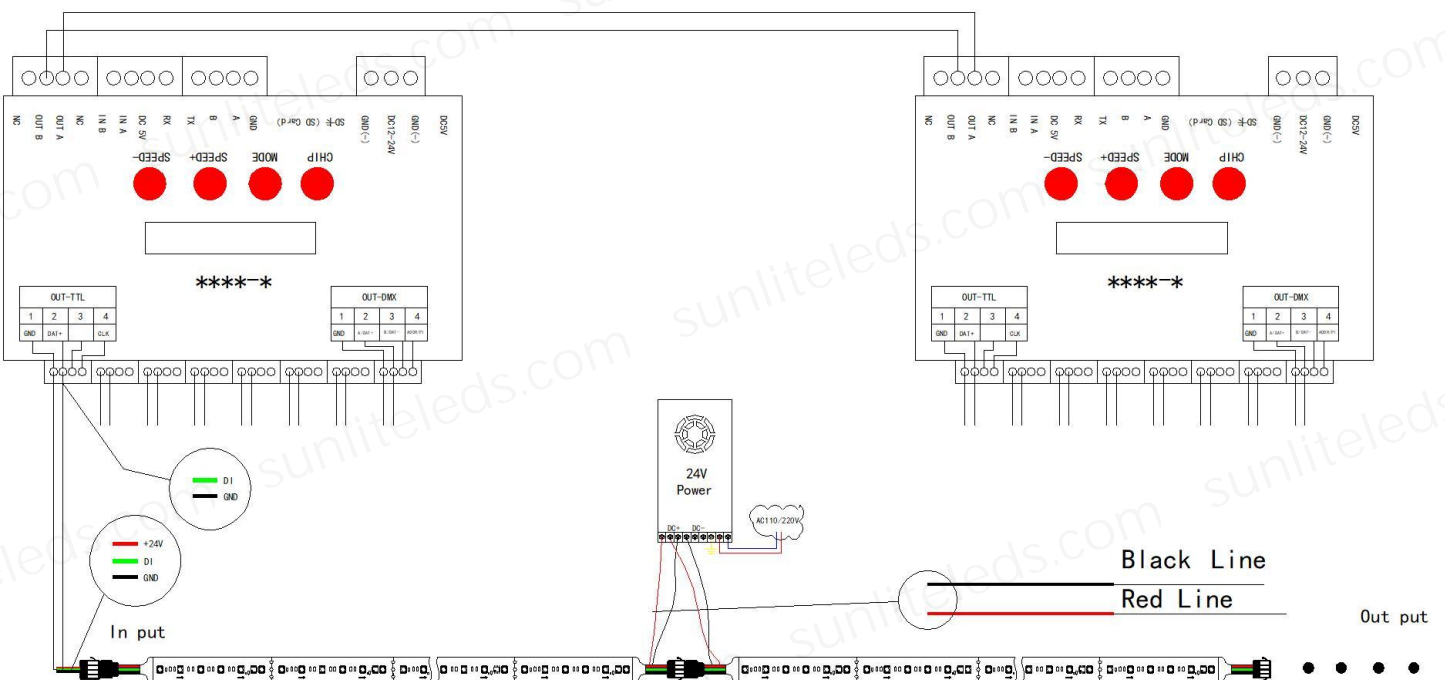
DC12v 60leds/m: <https://www.youtube.com/watch?v=GTnhxjn-NSA&t=1s>

6. Wiring Diagram

(1) DC12v wiring diagram



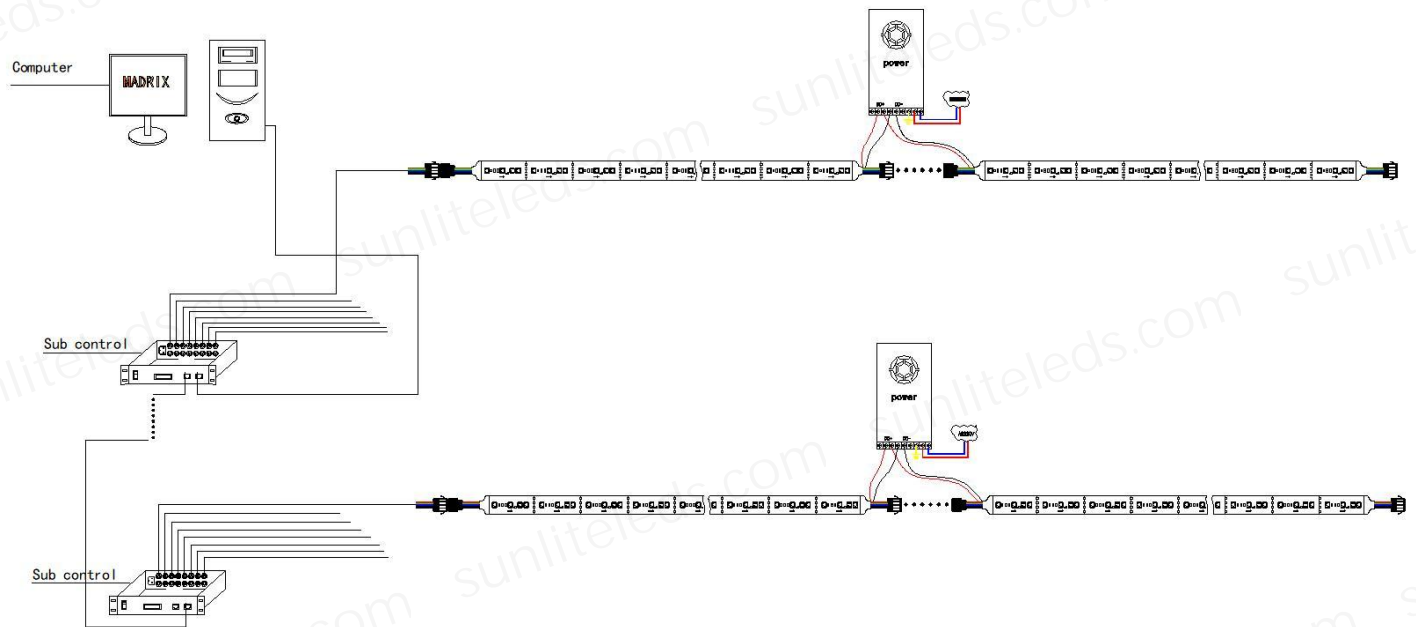
(2) DC24V wiring diagram



7. Control Diagram and Installation Diagram

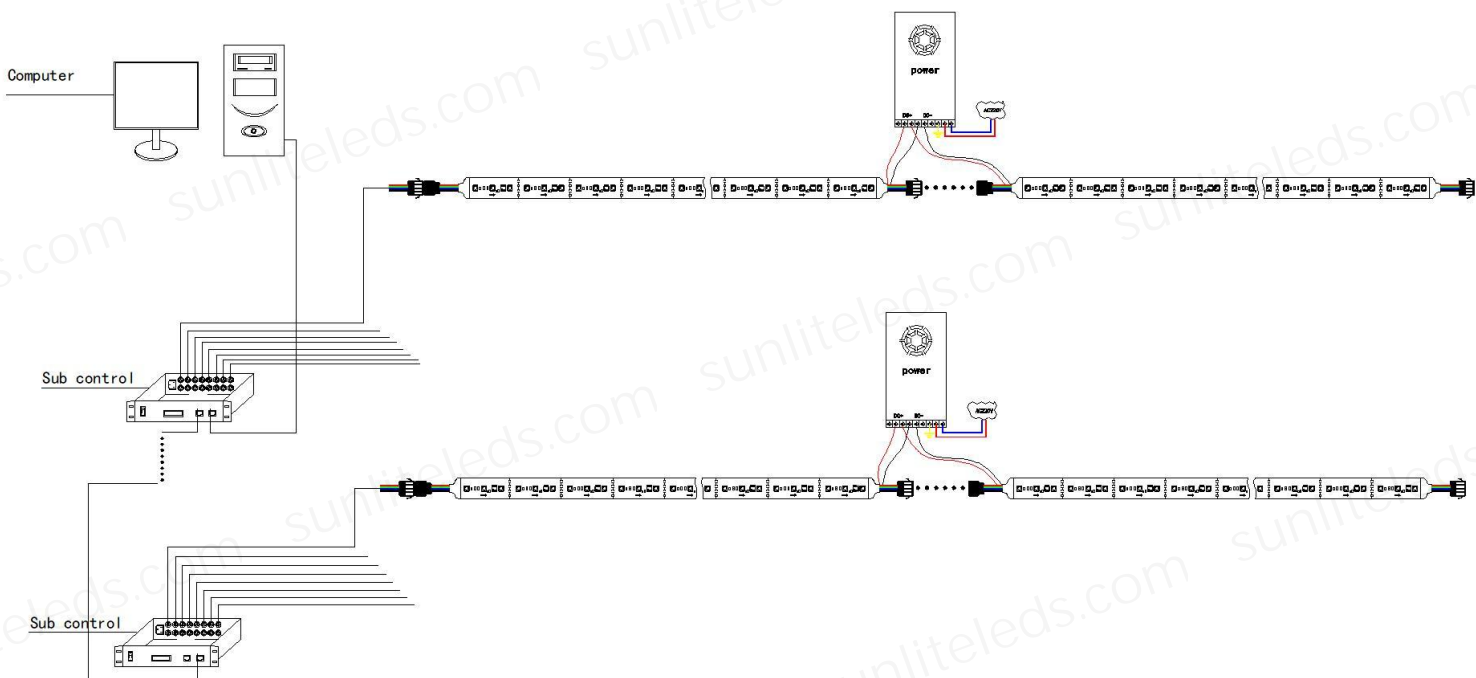
(1) Madrix Control

Recommended controller: T790K, YC3000



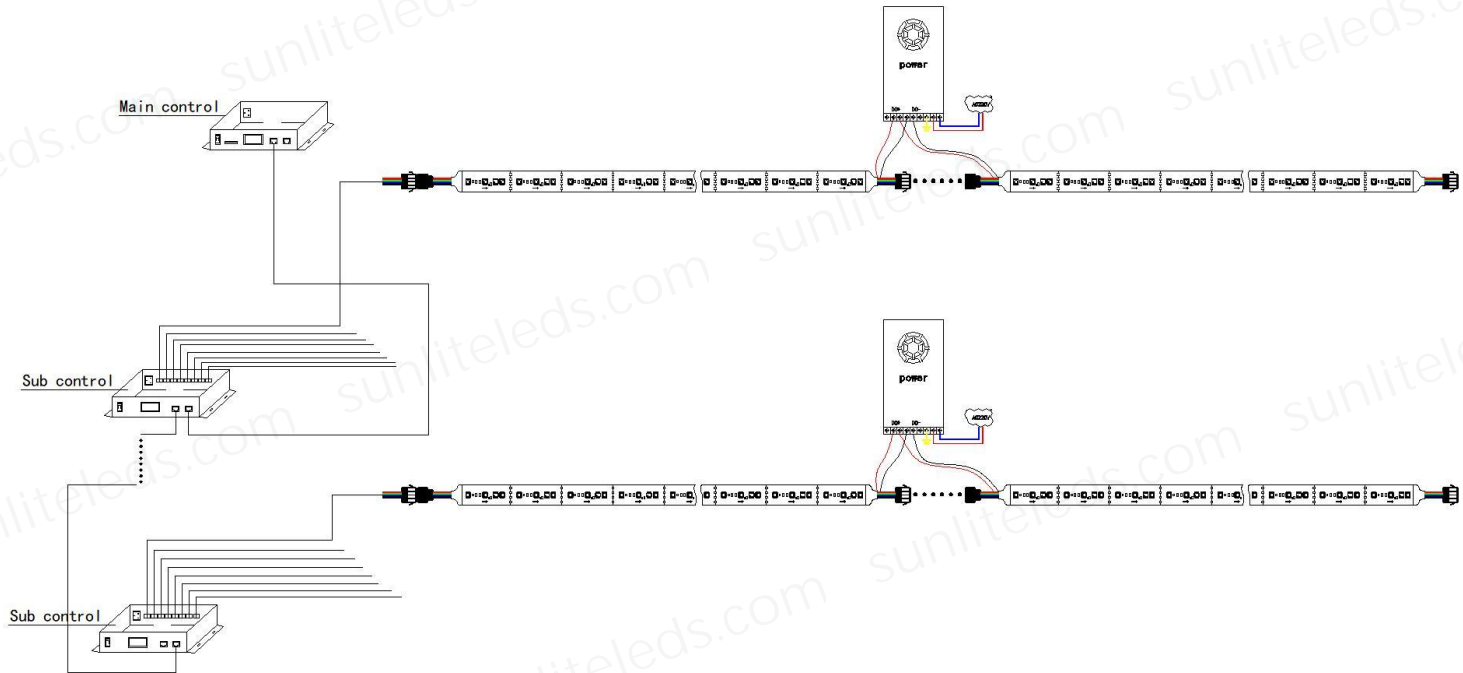
(2) Online Control By Computer

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

