



# LEDWorker Lighting

11 years LED Strip manufacturer

**OEM ODM Customization**



**Shenzhen LEDWorker Lighting Co.,Ltd**

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SKYPE: libby.chen

WhatsApp: +86 13420963227



## Company Introduction



Shenzhen LEDWorker Lighting Co., Ltd is Located in Shenzhen City , established in 2012 . It has five fully automatic production lines. Monthly capacity of single product is 1 million meters to Handle Bulk Orders of Standard Led Strips and Various Forms of OEM & ODM LED Strip Lights.

There have 9 reasons why you choose us:

- One week quick proofing,7 days goods ready for shipment after the payment.
- 7 days full time 24 hours services
- 100% QC and repurchase rate over 95%
- With 11 years of experience in manufacturer
- One stop solution from led strip lights design to package
- 4 engineers with 15 years' experience in LED strip lights field ,3 New Generation products every 3 months
- Experience in helping customers become No.1 in their markets
- With 5 automatic lines, monthly production capacity of 1 million meters.
- OEM & ODM experience for famous brands, such as Ford, Best Buy, Big grocery chain Ford、 Best Buy、 Big grocery chain, all products complied with ISO9001, CE , RoHs, UL certification.

We understand the importance how to provide the suitable products to help you earn the market. You need more than a supplier, We hope to establish long term business relationship and get the win win situation.

With successful experience of the support our customer and let them to be the No.1 in the market. We have confident to offer a very suitable products that will satisfy your requirements. If you have any request pls contact with our sales team, they will 24 hours 7 days working for you and give you one stop purchase experience.





## Grateful

The good starting of a person's mind. Start with be grateful, a person will know how to cherish, to enjoy the life, to appreciate, to find the entrance of happiness.

## Responsibility

A kind of ability, and far better than ability. Responsibility is a spirit, more a personality; Maybe you don't love the job, but without complaint to undertake, and seriously do better, which is the responsibility.

## Aggressive

Strive to make progress; determined to make a difference. Tang Li Xian uses the poem "Send rocks to Hwan in the autumn and return to Beijing": "Although the road is dangerous and difficult to make progress, what happens to meet the Qing Dynasty?" Nixon's quote: always to do your best, never to be discouraged, never to look down on yourself.

## Win-win

The so-called "incomplete winner and loser incomplete loser" Some stressed that "harmony is higher than all", some advocated "competition to survive". But practice has proved that the unity of harmony and competition is the highest level of business.

Over the past 10 years or so, we have participated in many exhibitions and received many visitors to show them our strengths and let them know about our R&D capabilities. Here are some photos of the exhibition.



**2016  
Hongkong  
Exhibition**



**2018  
Guangzhou  
Exhibition**



**2023  
Guangzhou  
Exhibition**



**2023  
Hongkong  
Exhibition**



# Company Certificate

**Verified**

**Verified Supplier Certificate**

Certification No. 129886171\_P+T    Date of Issue: 22 Jun. 2022

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**SHENZHEN LEDWORKER LIGHTING CO., LTD**  
 深圳市华盛泰照明有限公司  
<http://ledworker.en.alibaba.com>

Onsite assessment of the following areas was conducted by Intertek.

<input checked="" type="checkbox"/> Company Overview	<input checked="" type="checkbox"/> Human Resources
<input checked="" type="checkbox"/> Current Export Situation	<input checked="" type="checkbox"/> Export Business Capacity
<input checked="" type="checkbox"/> Production Capacity	<input checked="" type="checkbox"/> Quality Assurance
<input checked="" type="checkbox"/> Production Process Management	<input checked="" type="checkbox"/> R & D Capacity
<input checked="" type="checkbox"/> Company Development / Expansion Plans	<input checked="" type="checkbox"/> Production Flow
<input checked="" type="checkbox"/> Certification & Photos	<input checked="" type="checkbox"/> Company and Product Samples

Valid: 21 Jun. 2022 to 20 Jun. 2023

Signature: Datrik Zhu  
 Title: General Manager

On line verification: <https://www.intertek.com.cn/ASVService/Home/Index/EN>

Issued by: Assessed by:

# TUV

**ENVIRONMENTAL MANAGEMENT SYSTEMS CERTIFICATION**

Certificate No. : 17323E20136R05

This is to certify that  
**SHENZHEN LEDWORKER LIGHTING CO.,LTD**  
 Unify the social credit code/Organization Code: 91440300057875465F  
 Registered address: 509, Building A, Baoting Science and Technology Innovation Park, Houting Community, Shajing Street, Bao'an District, Shenzhen  
 Operating address: 509, Building A, Baoting Science and Technology Innovation Park, Houting Community, Shajing Street, Bao'an District, Shenzhen

is in conformity with  
 GB/T 24001-2016/ISO 14001:2015 standard  
 for the scope of  
**LED power supply, LED light source, LED controller sales (including export) and office related environmental management activities**

Issue Date: Mar.20, 2023    Reissue Date: Mar.20, 2023    Valid Until: Mar.19, 2026

Beijing Zhongjiaoyuanhang Certification Co., Ltd.  
 #1205, 1<sup>st</sup> building, NO.248 Guangqumenwai Street, Nishang District, Beijing

# ISO14001

**QUALITY MANAGEMENT SYSTEMS CERTIFICATION**

Certificate No. : 17323Q20261R05

This is to certify that  
**SHENZHEN LEDWORKER LIGHTING CO.,LTD**  
 Unify the social credit code/Organization Code: 91440300057875465F  
 Registered address: 509, Building A, Baoting Science and Technology Innovation Park, Houting Community, Shajing Street, Bao'an District, Shenzhen  
 Operating address: 509, Building A, Baoting Science and Technology Innovation Park, Houting Community, Shajing Street, Bao'an District, Shenzhen

is in conformity with  
 GB/T 19001-2016/ISO 9001:2015 standard  
 for the scope of  
**Sales of LED power supply, LED light source and LED controller (including export)**

Issue Date: Mar.20, 2023    Reissue Date: Mar.20, 2023    Valid Until: Mar.19, 2026

Beijing Zhongjiaoyuanhang Certification Co., Ltd.  
 #1205, 1<sup>st</sup> building, NO.248 Guangqumenwai Street, Nishang District, Beijing

# ISO9001





# OUR MARKETING



# Color Rendering Index

CRI

CRI up to 90 , Show the goods real color



# ERP Instruction

Domestic LED lighting standard refers to IEC instruction:

- ◆ EU Erp directive(1194/2012),the LED lighting performance requires color tolerance <6SDCM;
- ◆ National Standard GB24823-2009 ordinary LED lighting module performance requires color tolerance< 7SDCM;
- ◆ Shinesky requires color tolerance <5SDCM

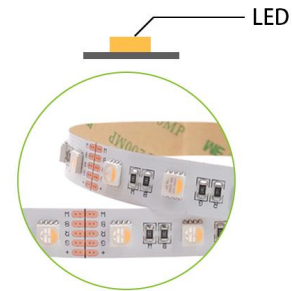




# WATERPROOF GRADE

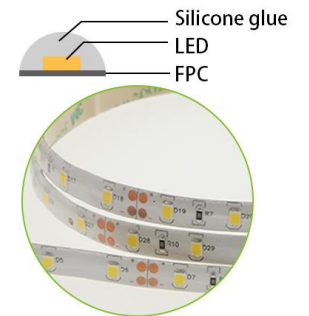


IP20 PCB Bare board



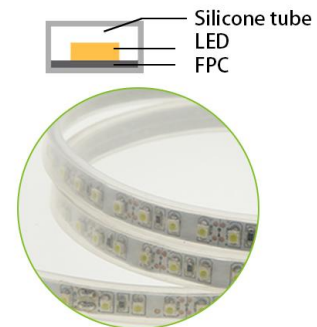
Applicable to Dry Environment

IP65 Gel Coating



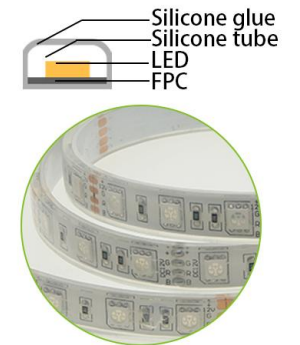
Applicable to wet Environment

IP67 Silicone Tube



Applicable to Water Environment

IP68 Glue Filling



Applicable to Flooded Environment



### COB LED STRIP

The full name of COB LED strip is: Chip on Board, which is a direct method Bind the LED chip to the PCB board. Ordinary light strips are made of chips support and made into SMD. Then place the Smd on the PCB. this saves a lot space and cost on the PCB. Generally speaking, The 2835 light strip can hold up to 120 SMDs per meter, and COB can Hold 640 chips or more.



### Addressable LED Strip

Led Strips With ICs Are Collectively Called Addressable Led Strips. There Are Many English Names: Addressable Led Strip, Digital Led Strip, Led Pixel Strips, Which Are a Type of Led Strip That Can Achieve Chasing, Flowing, And Magic Color Effects. The Biggest advantage of the Addressable Led Strip is That It Can Control Each RGB or Rgbw SMD Through IC to Achieve the Full Color Effect. Only the Addressable Led Strip Can Realize the Different Colors of Each SMD in on One Strip. We Call It Full Color.



### High CRI LED Strip

The higher the index, the closer it is to natural light. It is more conducive to see the most true colors of things. CRI means color rendering index, R1-R15 it make color more comfortable , goods more vivid. R9 is red display, the higher R9 ,the better effect of irradiation in fruit, flowers and other occasions. LEDWorker lighting high CRI strip normally higher than 95 even 98.



### Neon LED Strip

Neon Led Strip Lights Which Is Silicon Flexible Type, IP67 Waterproof, Anti Yellowing, High Transparent Silicone Deliver Super Clarity and Brightness, Bottom Transparent Window, Visible Cut Point. Specially for Building, Home, Gaming Rooms, Bedroom, Kitchen, Decorate, or Sign Such as: Neon Open Letter Sign, Neon Bar Lights, Neon Word Lights, Personalized Led Sign.



### Multi Color LED Strip

Multicolor LED Strip refers to strips light with multiple colors together. Including: two-color led strips, RGB led strip, 4in1 led strips, 5in1 led strips, and led strip set.



### LED Pixel Bar

LED Pixel Bar is an RGB magic color rigid bar. Divided into: LED Pixel bar and Rainbow LED Pixel tube. It consists of a addressable led strip and a hard light bar. Both of these two models are very convenient to install and disassemble, and can be assembled into various shapes to meet the needs of different customers. The difference is that one is front-lit, and the other is circular 360-degree light.



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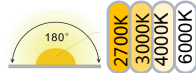
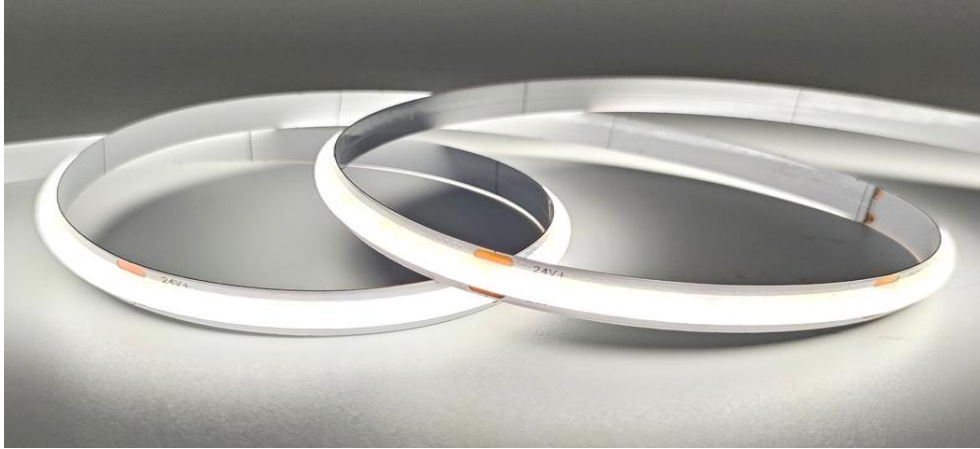


# COB LED Strip

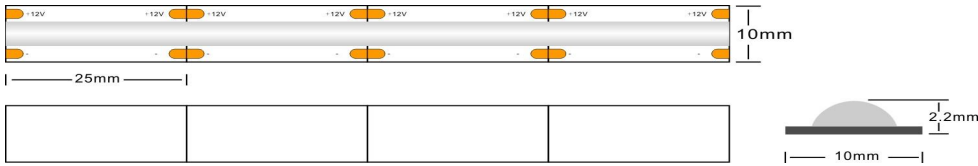
The full name of COB LED strip is: Chip on Board, which is a direct method Bind the LED chip to the PCB board. Ordinary light strips are made of chips support and made into SMD. Then place the Smd on the PCB. this saves a lot space and cost on the PCB. Generally speaking, The 2835 light strip can hold up to 120 SMDs per meter, and COB can Holds 640 chips or more.

# New Generation COB LED Strip

308 320 LED/M CRI>90 125-145LM/W



## Dimensions



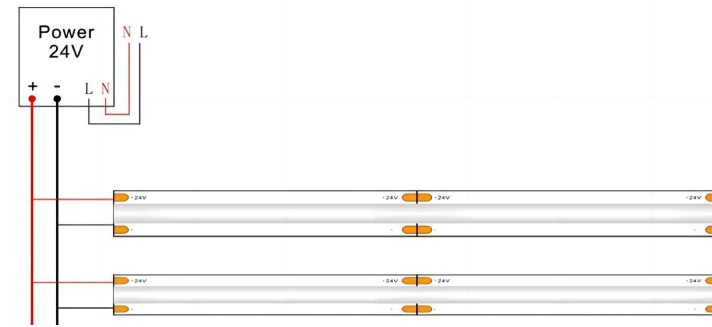
## Parameters

PartNO	LEDQty	Input Voltage	Power/ M	PCB Width	CRI	LM/W	Color	Beam angle	IP Grade	Packing
LW-COB028	320Led/M	DC12V/ DC24V	10W/M	8/10mm	90	125-145LM/W	2700/3000/4000/6000K	180°	IP20	5M/Roll
LW-COB028	308Led/M	DC12V/ DC24V	10W/M	8/10mm	90	125-145LM/W	2700/3000/4000/6000K	180°	IP20	5M/Roll

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



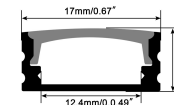
## Connect Drawing



## Accessories



Connector



Aluminum profiles



Power Supply

# Single Color COB LED Strip

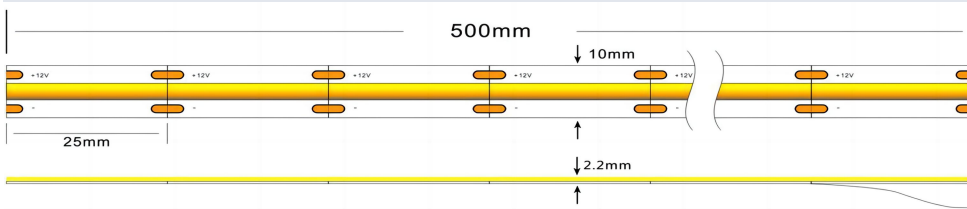
320 480LED/M CRI>90 10W



IP Rating



## Dimensions



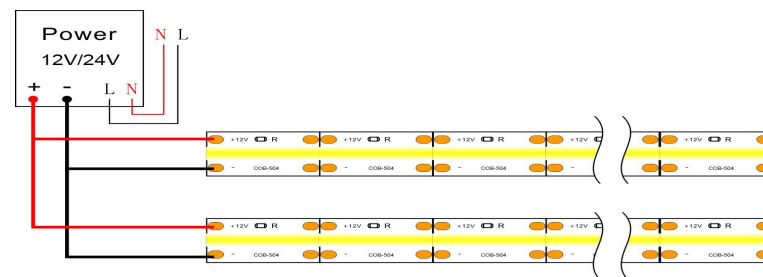
## Parameters

Part NO	LED Qty	Input Voltage	Power/ M	PCB Width	CRI	LM/W	Color	Beam angle	IP Grade	Packing
LW-COB010	320Led/M	DC12V / DC24V	10W/M	8/10mm	90	100LM/W	2700/3000/4000/6000K	180°	IP20	5M/Roll
LW-COB013	480Led/M	DC12V / DC24V	10W/M	6/8/10mm	90	100LM/W	2700/3000/4000/6000K	180°	IP20	5M/Roll

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



Connector



Aluminum profiles



Power Supply

# Dual Color COB LED Strip

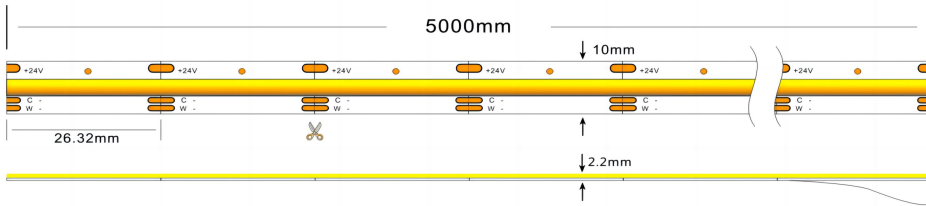
608 LED/M CRI>90 10W/M



IP Rating



## Dimensions

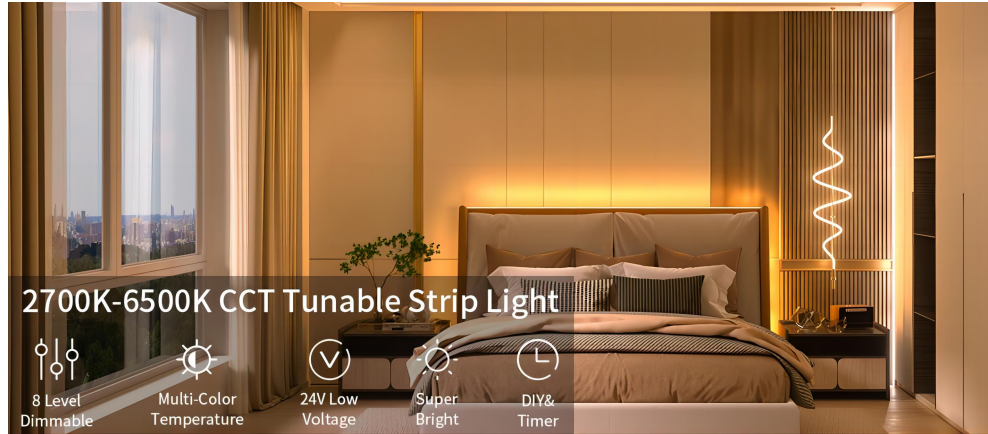


## Parameters

Part NO	LED Qty	Input Voltage	Power/ M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB006	608Led/M	DC12V/D C24V	10W/M	10mm	90	105-125LM/W	2700-6500K	180°	IP20	5M/Roll

### Cautions:

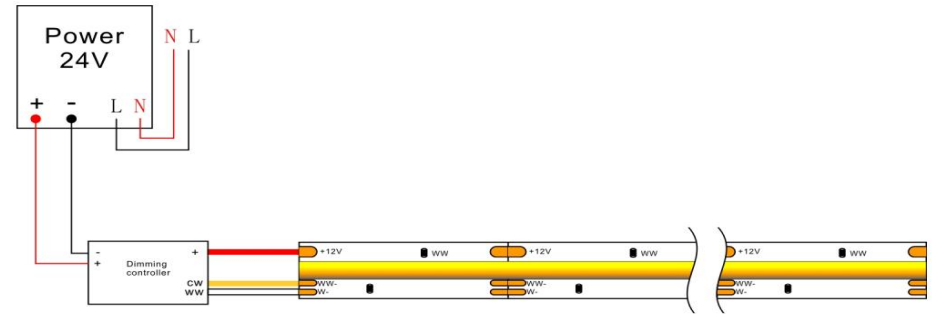
Remarks:CCT,PCB width and LED QTY can be customized.



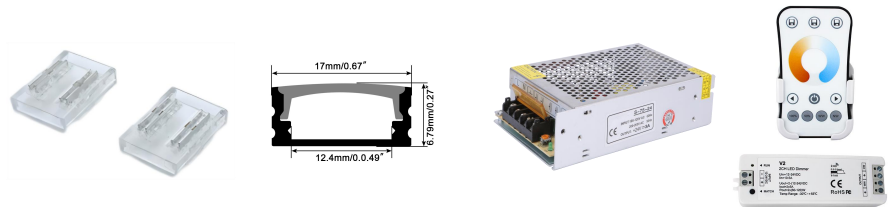
## 2700K-6500K CCT Tunable Strip Light



## Connect Drawing



## Accessories



Connector

Aluminum profiles

Power Supply

Controller

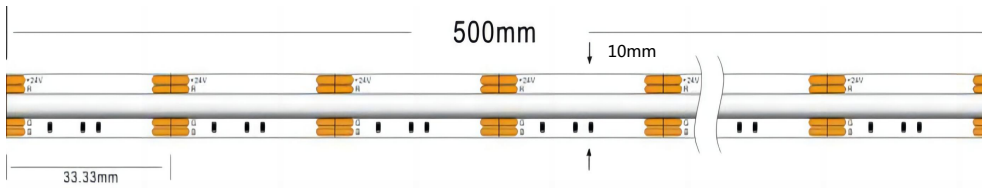


# RGB COB LED Strip

630 LED/M 16W/M



## Dimensions



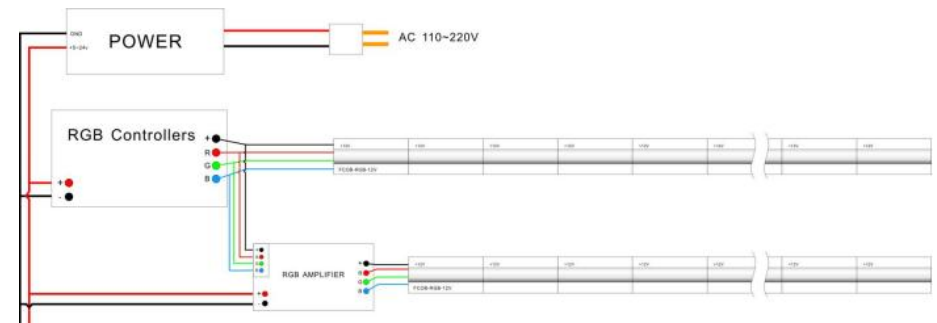
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB020	630Led/M	DC12V/D C24V	12V ( 16W ) 24V ( 18W )	10mm	90	-	RGB	180°	IP20	5M/Roll

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



Connector

Aluminum profiles

Power Supply

Controller

# RGBW COB LED Strip

840 LED/M 18W/M



## Dimensions



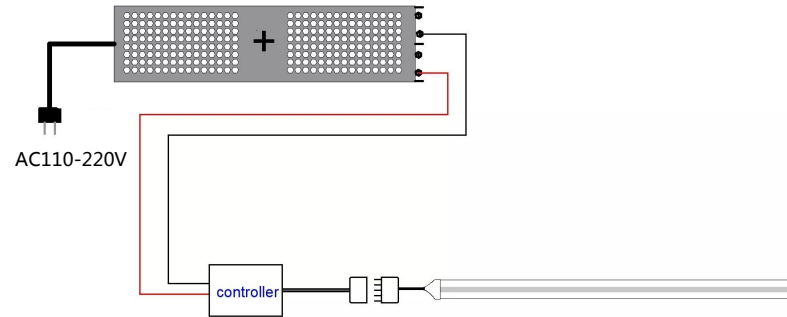
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB014	840Led/M	DC24V	16-18W	12mm	-	-	RGBW	180°	IP20	5M/Roll

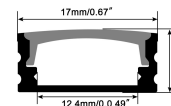
**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



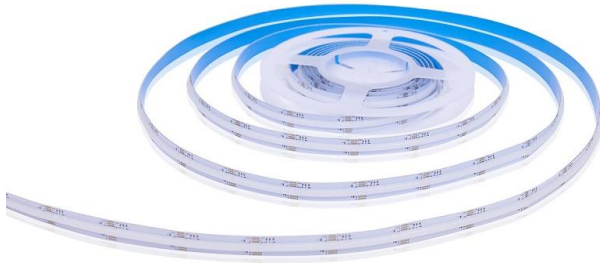
Aluminum profiles

Power Supply

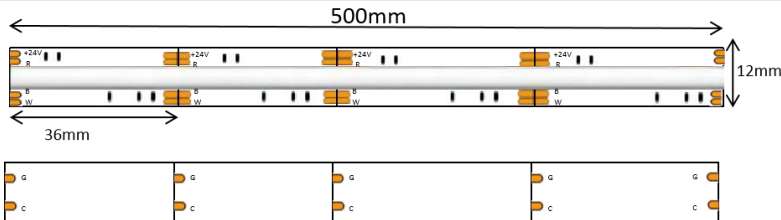
Controller

# RGBWW COB LED Strip

840 LED/M 21W/M



## Dimensions



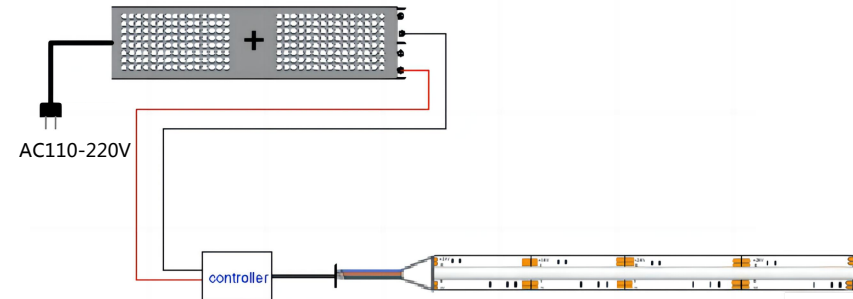
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB012	840Led/M	DC24V	21W	12mm	-	-	RGBWW	180°	IP20	5M/Roll

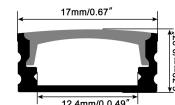
Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



Aluminum profiles



Power Supply



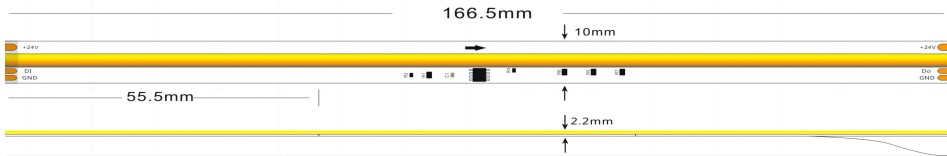
Controller

# Digital White COB LED Strip

378 LED/M 8W/M



## Dimensions



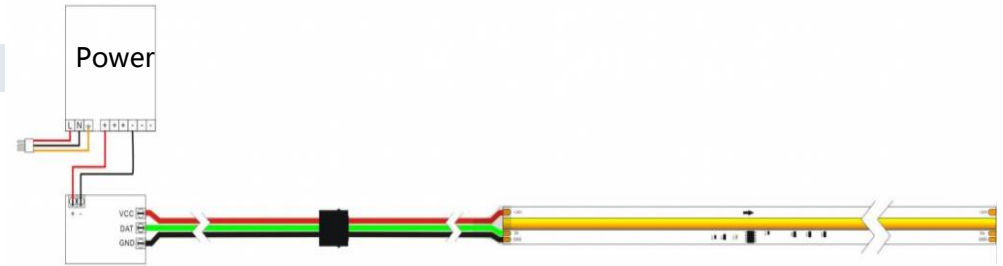
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB124	378Led/M	DC12V DC24V	7-8W	10mm	-	-	White	180°	IP20	5M/Roll

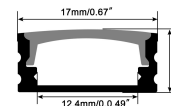
**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



Aluminum profiles



Power Supply



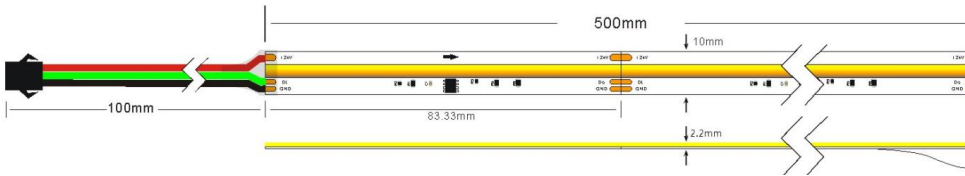
Controller

# Addressable CCT COB LED Strip

608 LED/M CRI>90 10W/M



## Dimensions



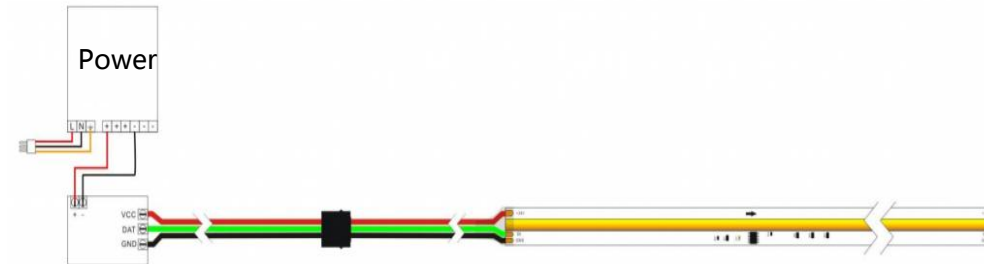
## Parameters

Part NO	LED Qty	Input Voltage	Power/ M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB125	576Led/M	DC12V/D C24V	10W/M	10mm	90	105-125LM/W	2700-6500K	180°	IP20	5M/Roll

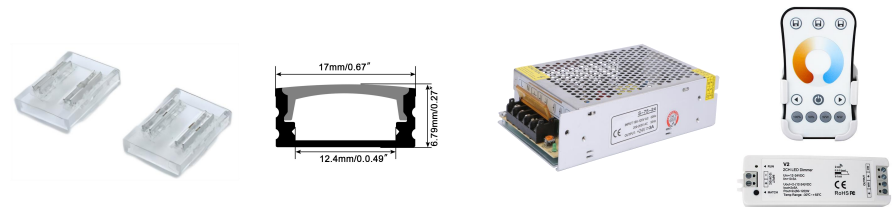
**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



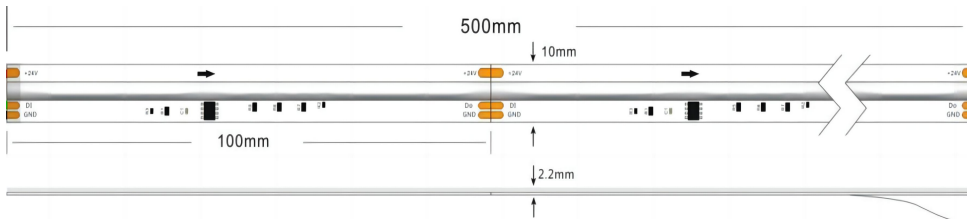
Connector    Aluminum profiles    Power Supply    Controller

# Addressable RGB COB LED Strip

630 LED/M 12W/M



## Dimensions



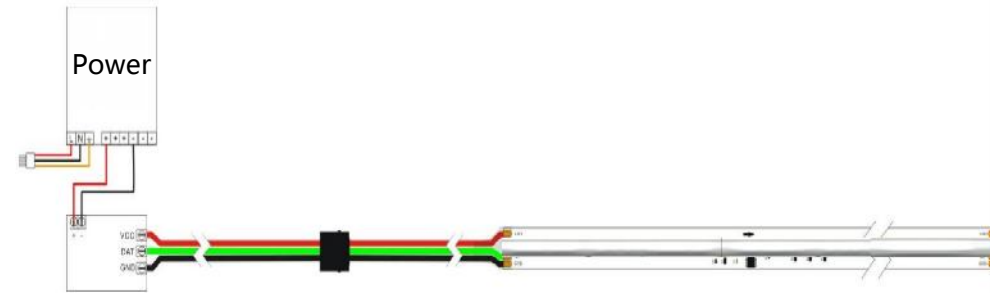
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB122	630Led/M	DC12V DC24V	8-12W	10mm	-	-	RGB	180°	IP20	5M/Roll

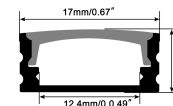
**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



## Accessories



Aluminum profiles



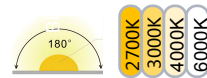
Power Supply



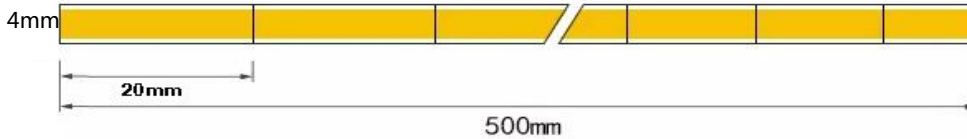
Controller

# Ultra Thin COB Strip

4mm 400LED/M CRI>90 4.8W/M



## Dimensions



## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB021	400Led/M	DC12V DC24V	4.8W	4mm	90	90	2700K/3000K/4000K/6000K	180°	IP20	5M/Roll

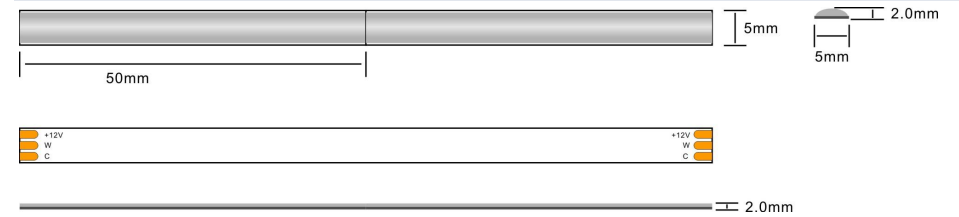
Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

# Ultra Thin COB strip

5mm 480LED/M CRI>90 7.2W/M



## Dimensions



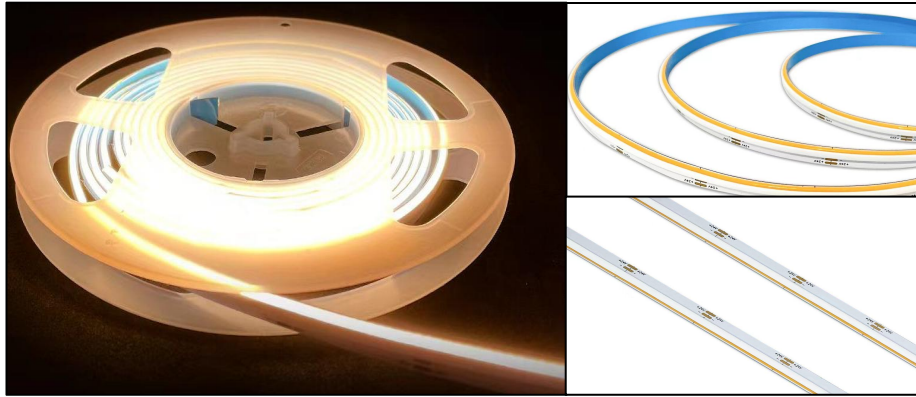
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB022	480Led/M	DC12V DC24V	7.2W	5mm	90	90	2700K-6500K	180°	IP20	5M/Roll

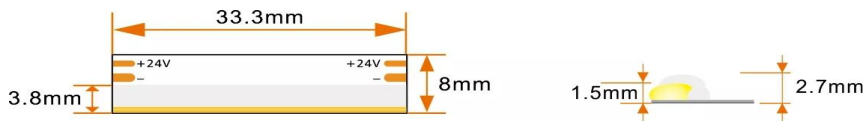
Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

## Side Emitting COB strip

480LED/M CRI>90 12W/M



### Dimensions



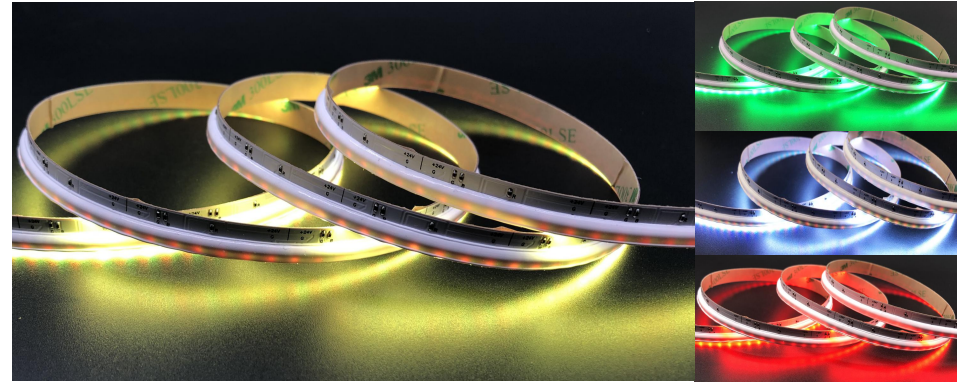
### Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB023	480Led/M	DC12V DC24V	12W	8mm	90	50-80	3000K/4000K/ 6000K	180°	IP20	5M/Roll

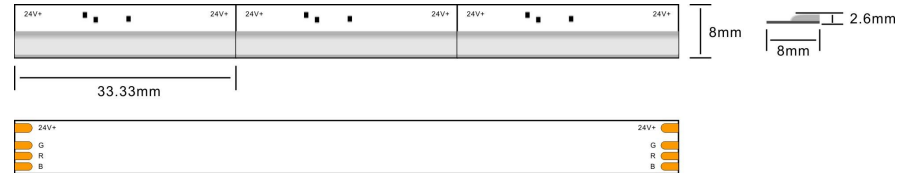
Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

## Side Emitting RGB COB strip

630LED/M 9.6W/M



### Dimensions



### Parameters

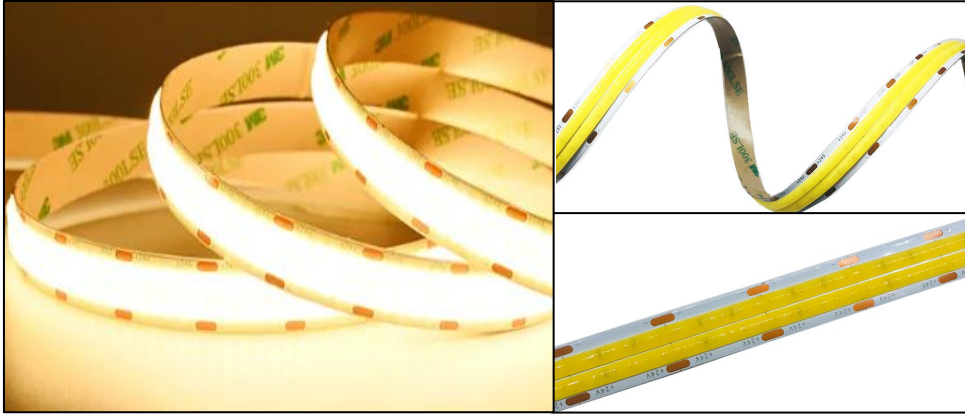
Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB025	630Led/M	DC24V	9.6W	8mm	-	30	RGB	180°	IP20	5M/Roll

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

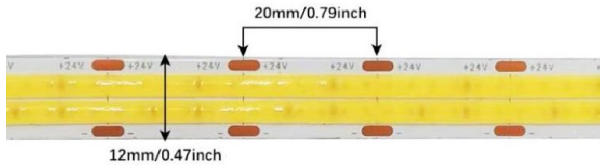


# Double Row COB strip

600LED/M CRI>90



## Dimensions



## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB030	600Led/M	DC24V	24W	12mm	90	90	3000K/4000K/6000K	180°	IP20	5M/Roll

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

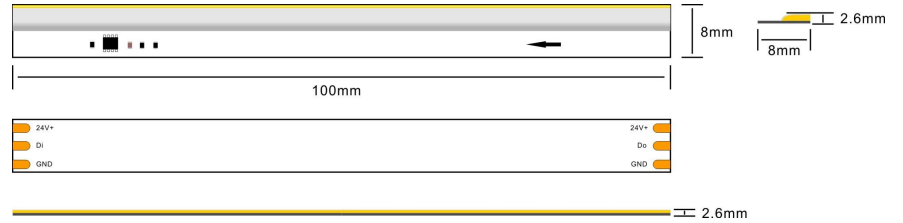


# Side Emitting Addressable RGB COB strip

630LED/M 9.6W/M



## Dimensions



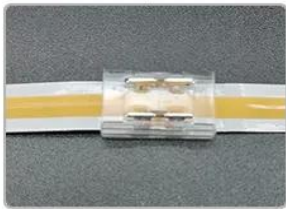
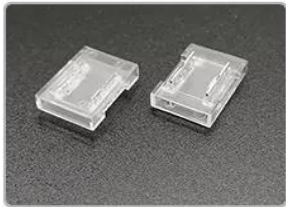
## Parameters

Part NO	LED Qty	Input Voltage	Power/M	PCB Width	CRI	LM/W	Color	Beamangle	IPGrade	Packing
LW-COB025	630Led/M	DC24V	9.6W	8mm	-	30	RGB	180°	IP20	5M/Roll

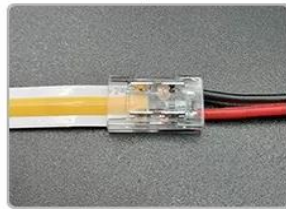
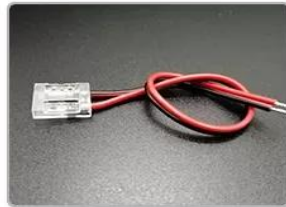
Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

## Solder free COB Strip Connector

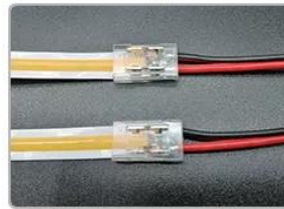
C-10  
Strip to strip



CC1-10  
Strip to Power

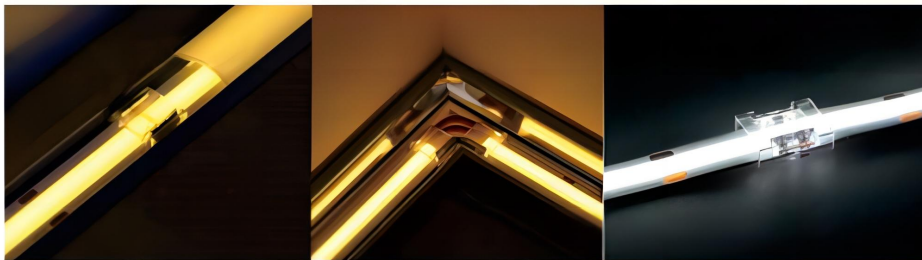
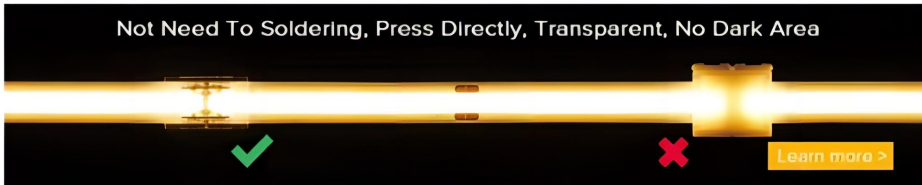


CC2-10  
Strip to Strip at corner



## Applications

Not Need To Soldering, Press Directly, Transparent, No Dark Area



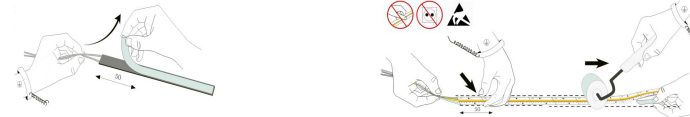
## Installation Instruction

1, Choose a power supply for the LED strips that can handle around 80% of the strip's total power to ensure stable voltage. Avoid fully loading the power supply for optimal performance.

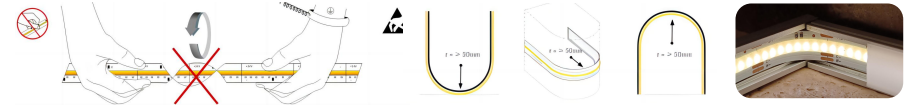


2, It is recommended to use 5 meters per roll for the LED strip to maintain consistent brightness. If longer maybe have voltage drop.

3, The adhesive tape on the back of the LED strip provides excellent adhesion and weather resistance, suitable for attaching to transparent glass, metal, and plastic surfaces. However, it may not work effectively on certain surfaces like cloth and wood, potentially affecting functionality and durability. Test the adhesion before installation.



4, Pay careful attention to the minimum bending diameter of 60mm for the LED strip to prevent damage to the Flexible Printed Circuit (FPC) and its components. Mishandling can lead to strip damage.



5, To ensure waterproofing and corrosion resistance, after screwing the power line into the connector, it is recommended to inject a single-component silica gel (or neutral glass glue or waterproof grease) into the connector. Additionally, cover the exposed copper wire of the power line for added protection.

6, Non-waterproof LED strips should not be fully exposed to outdoor conditions. Avoid touching or installing the strip while it is powered to prevent accidents.



Indoor



Outdoor





## Addressable LED Strip

Led Strips With ICs Are Collectively Called Addressable Led Strips. There Are Many English Names: Addressable Led Strip, Digital Led Strip, Led Pixel Strips, Which Are a Type of Led Strip That Can Achieve Chasing, Flowing, And Magic Color Effects. The Biggest advantage of the Addressable Led Strip is That It Can Control Each RGB or Rgbw SMD Through IC to Achieve the Full Color Effect. Only the Addressable Led Strip Can Realize the Different Colors of Each SMD in on One Strip. We Call It Full Color.

# 5V RGB Series

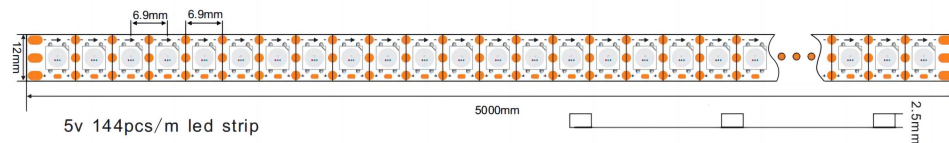
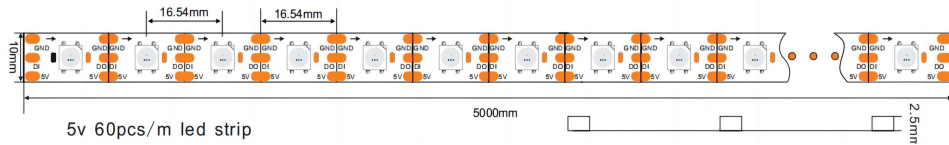
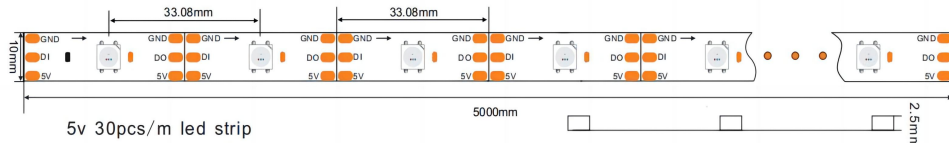
## Built-in IC WS2812B/2813B



- ◆ 5V RGB bui-in IC. one light and one control
- ◆ wS2812B is cost-effective, popular in the market. and has a arge shipment vo ume.
- ◆ WS2813 with breakpoint resume function, reduce maintenance costs



### Dimensions



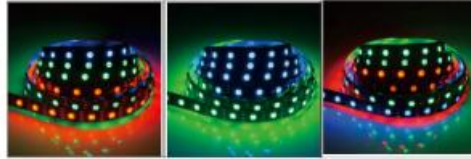
### Parameters

Part No	Input Voltage	IC type	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0001	5V	WS2812B/WS2813B	30leds/m	30	10mm	Addressable RGB	9W/M	33.33mm	SPI
LW-D0002	5V	WS2812B/WS2813B	60leds/m	60	10mm	Addressable RGB	18W/M	16.66mm	SPI
LW-D0003	5V	WS2812B/WS2813B	72leds/m	72	12mm	Addressable RGB	21.6W/M	13.88mm	SPI
LW-D0004	5V	WS2812B/WS2813B	96leds/m	96	12mm	Addressable RGB	28.8W/M	10.41mm	SPI
LW-D0005	5V	WS2812B/WS2813B	144leds/m	144	12mm	Addressable RGB	42W/M	6.94mm	SPI

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

# 5V RGB Series

## Built-in IC HD107S/HD108

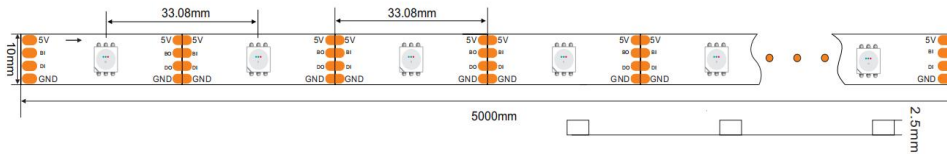


- ◆ Refresh Rate PWM APA102 is 20KHz and HD107S is 27Hz.
- ◆ Transmission Speed APA102 is 30MHZ. HD107S is 40MHZ
- ◆ Built-in IC one Linht and one control the liort changing effect is delicate and dense
- ◆ HD107S adopts pure gold wire copper bracket lamp beads, 9-9mil light-emitting chip.

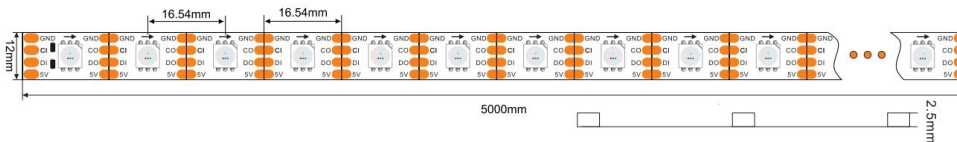


### Dimensions

LW-D0011-30LEDs/M



LW-D0011-60LEDs/M



### Parameters

PartNo	Input Voltage	IC type	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0011	5V	HD107S	30leds/m	30	10mm	Addressable RGB	9W/M	33.08mm	SPI
LW-D0012	5V	HD107S	60leds/m	60	12mm	Addressable RGB	18W/M	16.54mm	SPI
LW-D0013	5V	HD107S	72leds/m	72	12mm	Addressable RGB	21.6W/M	13.88mm	SPI
LW-D0014	5V	HD107S	96leds/m	96	12mm	Addressable RGB	28.8W/M	10.41mm	SPI
LW-D0015	5V	HD107S	144leds/m	144	12mm	Addressable RGB	42W/M	6.94mm	SPI

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

# 12V/24V RGB Series

Built-in IC WS2815B

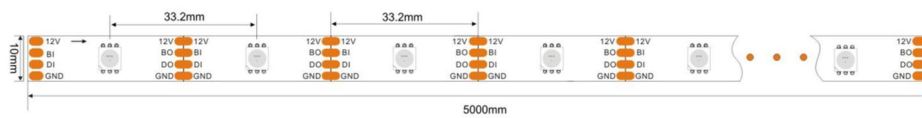


- ◆ WS2815 double signal control mode; Input DC12V.
- ◆ Can achieve single point single control effect;
- ◆ FPC material, can be used to bend;
- ◆ 256 levels of grayscale changes;
- ◆ Can be customized for waterproof level;
- ◆ 120 degree illumination without dark area;
- ◆ Serial transmission, signal stability;
- ◆ The pad can be cut between two pixel points;

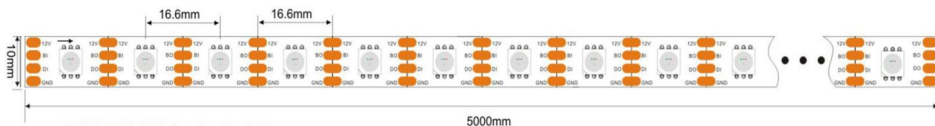


## Dimensions

LW-D0018-30LEDs/M



LW-D0019-60LEDs/M



## Parameters

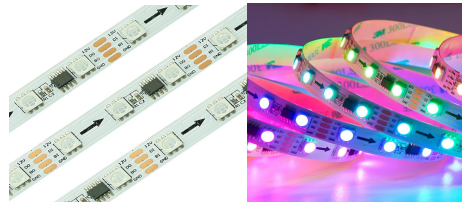
PartNo	Input Voltage	IC type	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0018	12V	WS2815	30leds/m	30	10mm	Addressable RGB	9W/M	33.33mm	SPI
LW-D0019	12V	WS2815	60leds/m	60	12mm	Addressable RGB	18W/M	16.66mm	SPI
LW-D0020	12V	WS2815	72leds/m	72	12mm	Addressable RGB	21.6W/M	13.88mm	SPI
LW-D0021	12V	WS2815	96leds/m	96	12mm	Addressable RGB	28.8W/M	10.41mm	SPI
LW-D0022	12V	WS2815	144leds/m	144	12mm	Addressable RGB	42W/M	6.94mm	SPI

### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

# 12V/24V RGB Series

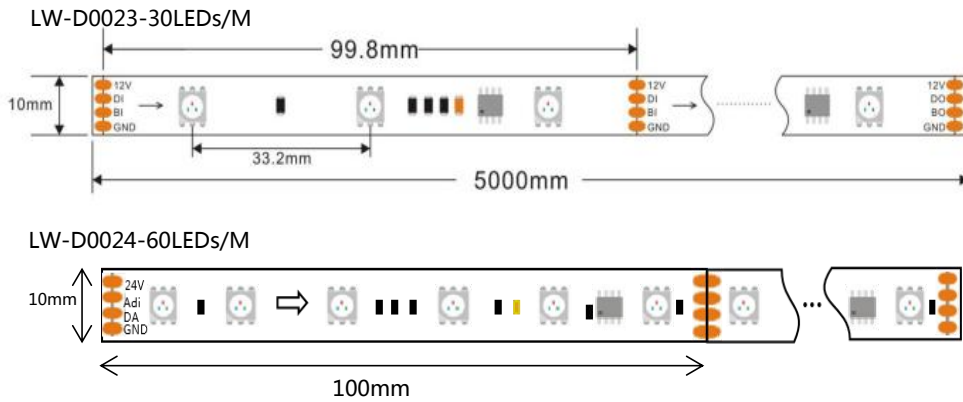
## External IC TM1934/WS2811



- ◆ 9\*9mil light-emitting chip ; Breakpoint transmission function IC ;
- ◆ DC12V power supply, only need to recharge DC24V , one end feed, no voltage drop visible to the naked eye.



### Dimensions



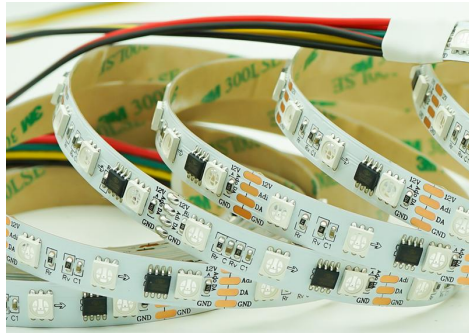
### Parameters

PartNo	Input Voltage	IC type	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0023	12V	TM1939/WS2811	30leds/m	30	10mm	Addressable RGB	9W/M	100mm	SPI
LW-D0024	12V	TM1939/WS2811	60leds/m	60	10mm	Addressable RGB	18W/M	50mm	SPI
LW-D0025	24V	TM1939/WS2811	30leds/m	30	10mm	Addressable RGB	14.4W/M	125mm	SPI
LW-D0026	24V	TM1939/WS2811	60leds/m	60	10mm	Addressable RGB	18W/M	100mm	SPI

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

# 12/24V RGB Series

External IC DMX512

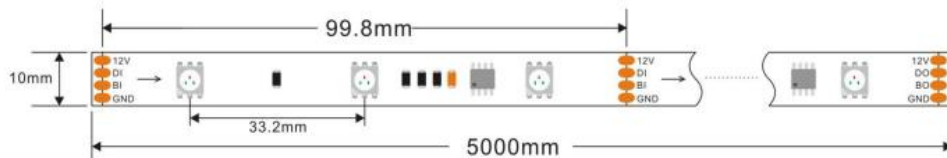


- ◆ 12V/24V Addressable RGB Led Strip
- ◆ DMX512 has breakpoint resume function Using DMX512 (1990) control protocol
- ◆ DC12V/24V power supply, low voltage drop;
- ◆ External IC, 12V is 3 LEDs in 1 pixel , 24V is 6 LEDs in 1 pixel.

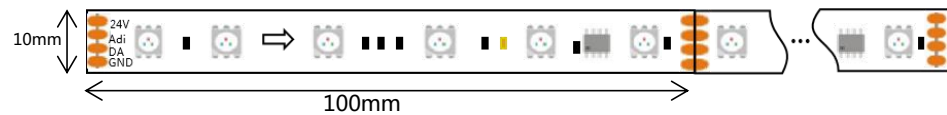


## Dimensions

LW-D0034-60LEDs/M



LW-D0035-60LEDs/M



## Parameters

Part No	Input Voltage	IC type	LED Quantity	IC QTY	PCB Width	Color	Max Power	Min Cut	Control signal
LW-D0034	12V	DMX512	60leds/m	20	10mm	AddressableRGB	18W/M	50mm	DMX
LW-D0035	24V	DMX512	60leds/m	10	10mm	AddressableRGB	18W/M	100mm	DMX

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.



# 5V RGBW Series

## Built-in IC 5V SK6812

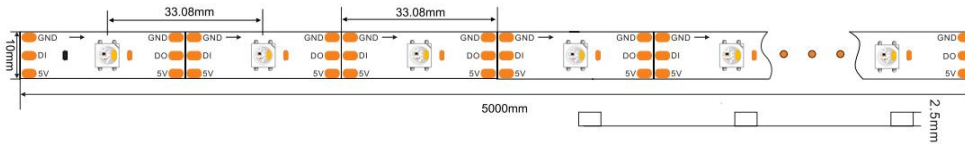


- ◆ Using 130nm process technology IC.
- ◆ Data transmission 800KHZ/S,PWM refresh rate 1.2KHZ/s
- ◆ Built-in IC, one light and one control,the light changing effect is delicate and dense;
- ◆ RGB+W four-channel lighting, the channels can be individually controlled to emit light,which can be used for decoration and lighting at the same time;

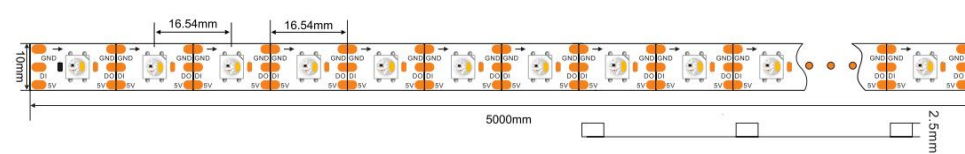


### Dimensions

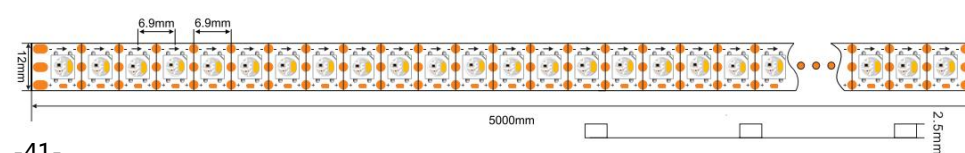
LW-D0027 30LEDs/M



LW-D0027 60LEDs/M



LW-D0027 144LEDs/M



### Parameters

PartNo	Input Voltage	IC type	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0027	5V	sk6812	30leds/m	30	10mm	Addressable RGBW	9W/M	33.33mm	SPI
LW-D0028	5V	sk6812	60leds/m	60	10mm	Addressable RGBW	18W/M	16.66mm	SPI
LW-D0029	5V	sk6812	72leds/m	72	12mm	Addressable RGBW	21.6W/M	13.88mm	SPI
LW-D0030	5V	sk6812	96leds/m	96	12mm	Addressable RGBW	28.8W/M	10.41mm	SPI
LW-D0031	5V	sk6812	144leds/m	144	12mm	Addressable RGBW	42W/M	6.94mm	SPI

#### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

# 12V RGBW Series

## External IC 12V WS2814

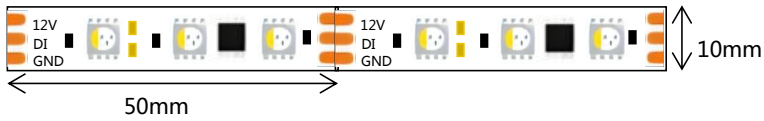


- ◆ RGRW four-in-one 5050SMD
- ◆ 12V/24V Addressable RGBW Led Strip
- ◆ External IC.12V is 3 LEDs in 1 pixel , 24V is 6 LEDs in 1 pixel
- ◆ DC12V/DC24V power supply, low voltage drop;

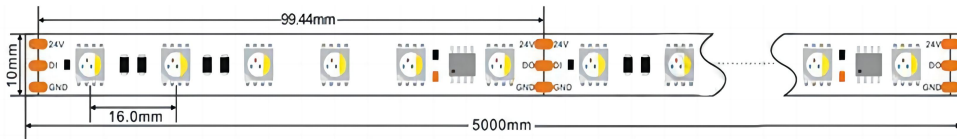


### Dimensions

LW-D0032 60LEDs/M 12V



LW-D0032 60LEDs/M 24V



### Parameters

PartNo	Input Voltage	IC	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0032	12V	WS2814 (SOP8)	60leds/m	20	10mm	Addressable RGBW	18W/M	50mm	SPI
LW-D0032	24V	WS2814 (SOP8)	60leds/m	20	10mm	Addressable RGBW	18W/M	100mm	SPI

#### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

# 12V/24V DMX512 RGBW Series

External IC 12V/24V DMX512

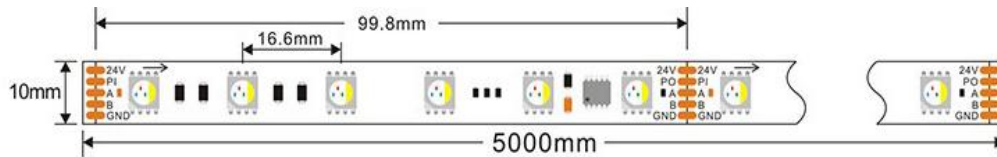


- ◆ 12V/24V Addressable RGBW Led Strip
- ◆ DMX512 (1990) control protocol
- ◆ DMX512 has breakpoint resume function
- ◆ External IC, 112V is 3 LEDs in 1 pixel , 24V is 6 LEDs in 1 pixel
- ◆ Dual signal line transmission, strong signal anti interference ability



## Dimensions

LW-D0037 60LEDs/M 24V



## Parameters

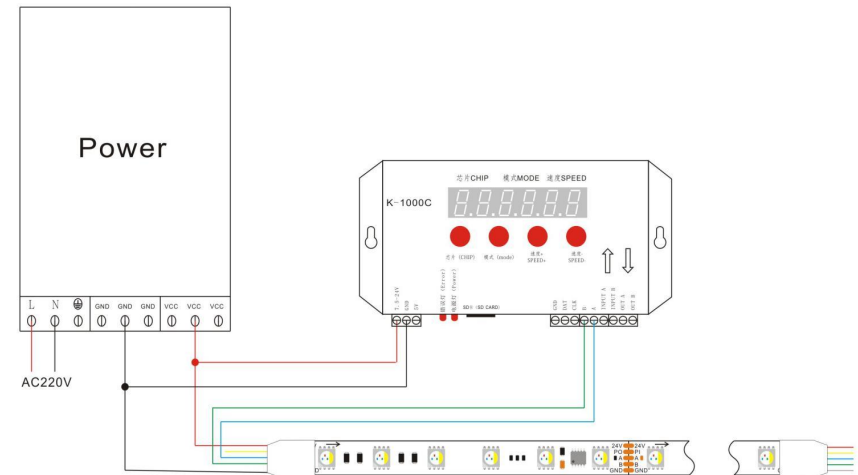
PartNo	Input Voltage	IC	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0036	12V	DMX512	60leds/m	20	10mm	Addressable RGBW	18W/M	50mm	DMX
LW-D0037	24V	DMX512	60leds/m	10	10mm	Addressable RGBW	18W/M	100mm	DMX

### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



# 5V White Series

Built-in IC 5V SK6812

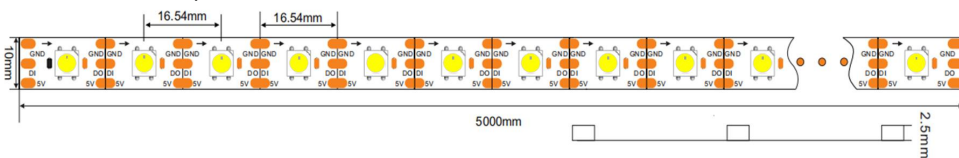


- ◆ 5V, White. built-in IC, 1 led in 1 pixel
- ◆ External IC, 12V is 3 LEDs in 1 pixel WS2818B with breakpoint resume function, reduce maintenance cost.
- ◆ 24V six lights one control. Using DMX512 (1990) contro protocol. DMX512 has breakpoint resume function. Dual signal line transmission, strong signal anti-interference ability.



## Dimensions

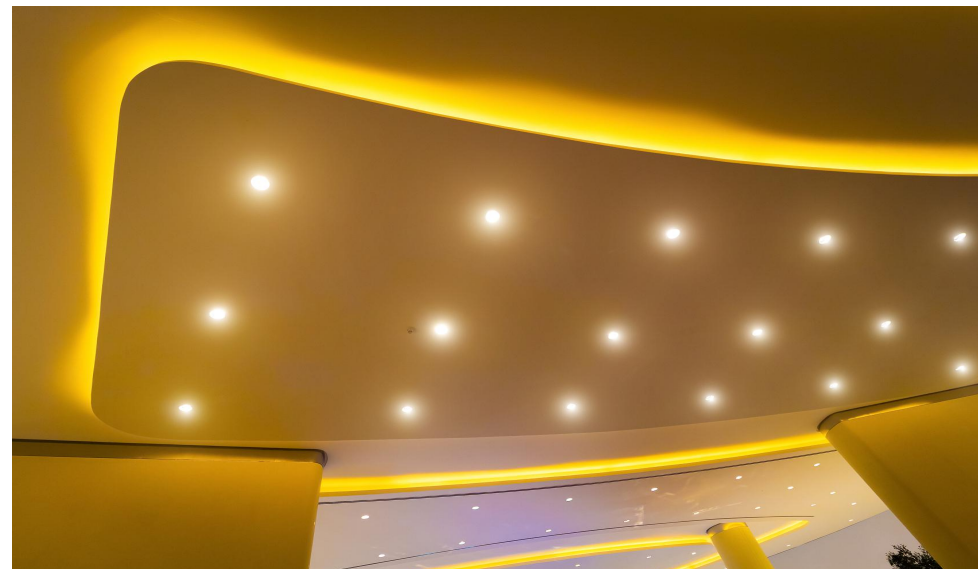
LW-D0038 60LEDs/M



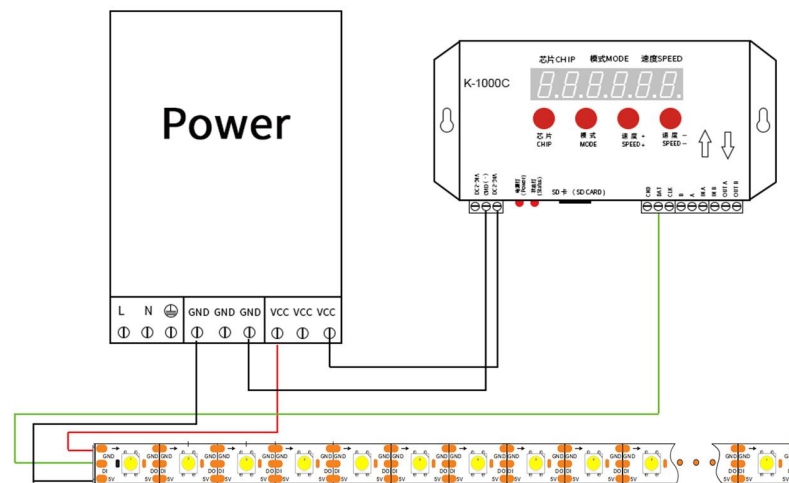
## Parameters

PartNo	Input Voltage	IC	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0038	5V	SK6812	60leds/m	20	10mm	Warm White	18W/M	16.54mm	SPI

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing



# 12V White Series

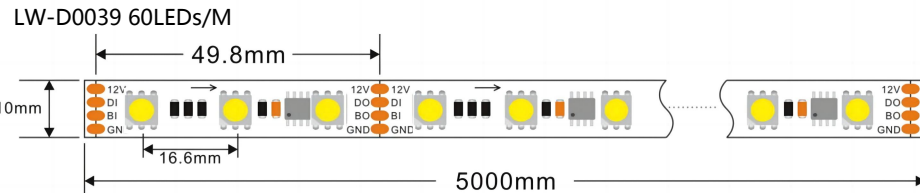
## External IC 12V WS2818B



- ◆ External IC, 12V is 3 LEDs in 1 pixel
- ◆ WS2818B is cost-effective, popular in the market, and has a large shipment volume.
- ◆ WS2818B with breakpoint resume function, reduce maintenance cost



### Dimensions

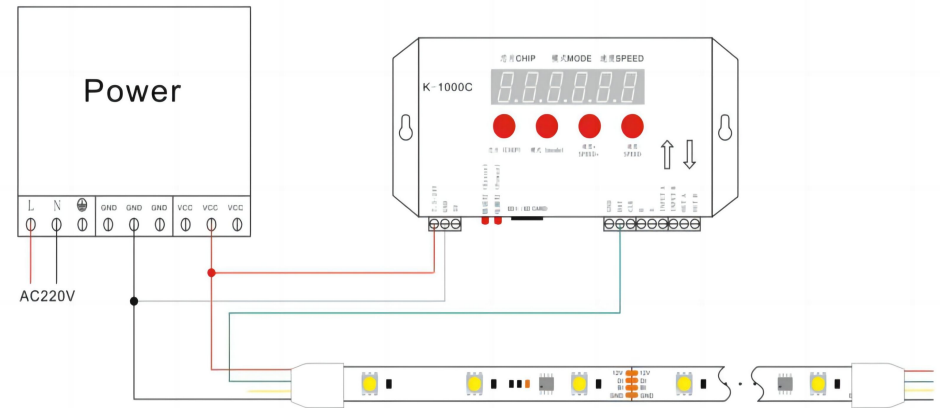


### Parameters

PartNo	Input Voltage	IC	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0039	12V	WS2818B	60leds/m	20	10mm	White	18W/M	16.6mm	SPI

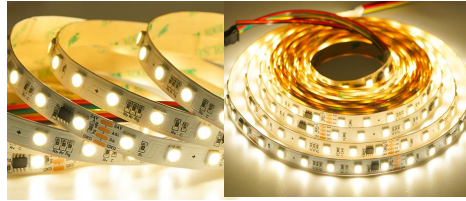
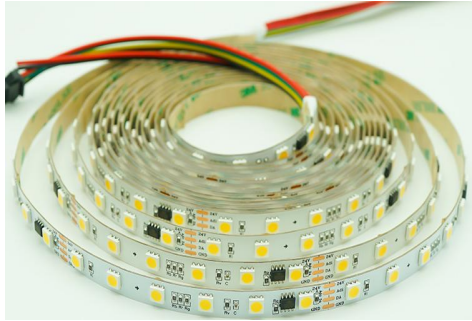
**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

### Connect Drawing



# 24V DMX512 White Series

External IC 24V DMX512

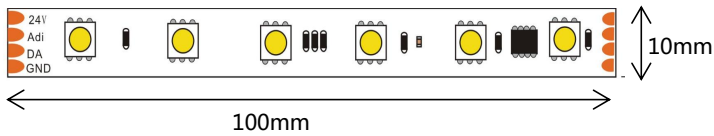


- ◆ External IC, 24V six lights one control
- ◆ DMX512 is cost-effective, popular in the market, and has a large shipment volume.
- ◆ DMX512 with breakpoint resume function, reduce maintenance costs



## Dimensions

LW-D0040 60LEDs/M



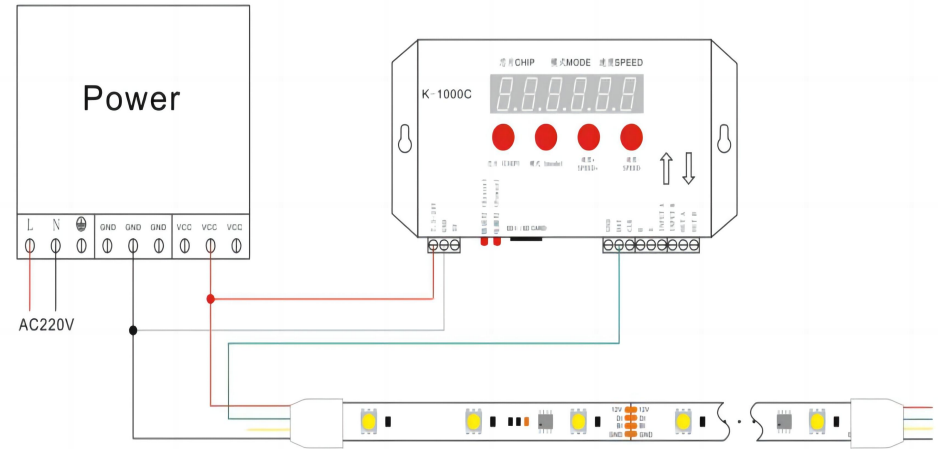
## Parameters

PartNo	Input Voltage	IC	LED Quantity	IC QTY	PCB width	Color	Max Power	Min Cut	Control signal
LW-D0040	24V	DMX512	60leds/m	10	10mm	White	18W/M	100mm	DMX


Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.



## Connect Drawing

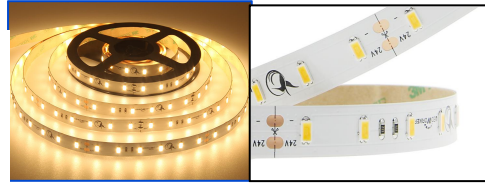


# High CRI LED Strip



The higher the index, the closer it is to natural light. It is more conducive to see the most true colors of things. CRI means color rendering index, R1-R15 it make color more comfortable ,goods more vivid. R9 is red display, the higher R9 ,the better effect of irradiation in fruit,flowers and other occasions. LEDWorker lighting high CRI strip normally higher than 95 even 98.

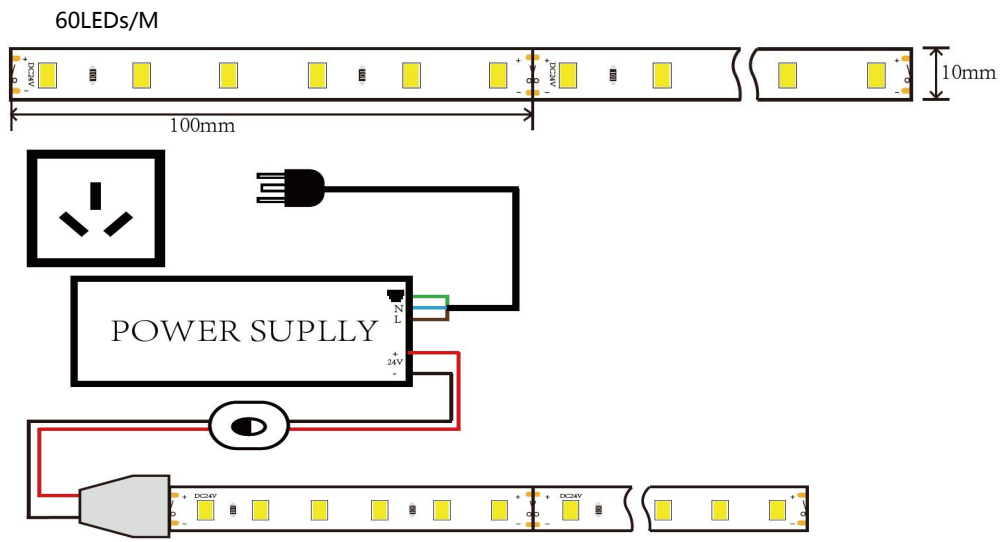
# Ordinary 5630 SMD



- ◆ There Are Different Single Colors Available for Customers' s Various Needs. The Light is Uniform and Colorful.
- ◆ Ultra-thin Design and Low Voltage is User-friendly and Safety.
- ◆ Waterproof Flex LED Strip 5630 Light Options: Silicon Tube Waterproof / Drop Glue Waterproof.

**IP Rating**

## Dimensions/Connect Drawing



## Parameters

Part NO.	A0069-N
LED	5630
Quantity	60 SMD / M
IP Rank	IP20
Color	CW, WW, PW
PCB Color	White
CRI	CRI > 80
Power ( For 5M )	60W ± 10%
Dimension	5000 * 10 * 2.3mm

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.



# Ordinary 5050 SMD

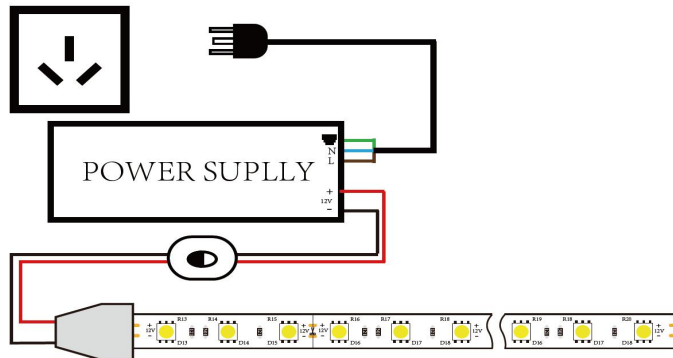
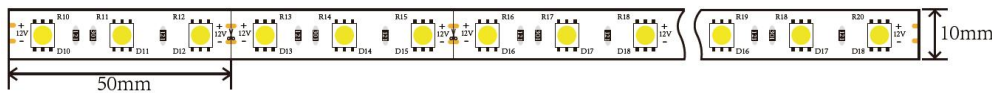


- ◆ There are Different Single Colors and RGB Color Available for Customers' s Various Needs. The Light is Uniform and Colorful.
- ◆ Ultra-Thin Design and Low Voltage is User-Friendly and Safety. In Addition, We Can Make Various Waterproof Strip for Different Places Application. 5050 LED Strip is Widely Used in Outline Lighting, Sign Illumination, advertisement Backlight, Building Decoration Etc.



## Dimensions/Connect Drawing

60LEDs/M



## Parameters

Part NO.	A0005	A0006	A0007	A0076
LED	5050	5050	5050	5050
Quantity	30 SMD / M	60 SMD / M	90 SMD / M	120 SMD / M Double Line
IP Rank	IP20	IP20	IP20	IP20
Color	CW, WW, PW	CW, WW, PW	CW, WW, PW	CW, WW, PW
PCB Color	White	White	White	White
CRI	CRI > 80	CRI > 80	CRI > 80	CRI > 80
Power ( For 5M )	30W ± 10%	60W ± 10%	90W ± 10%	120W ± 10%
Dimension	5000 * 10 * 2.3mm	5000 * 10 * 2.3mm	5000 * 10 * 2.3mm	5000 * 15 * 2.3mm

### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

# High CRI LED Strip

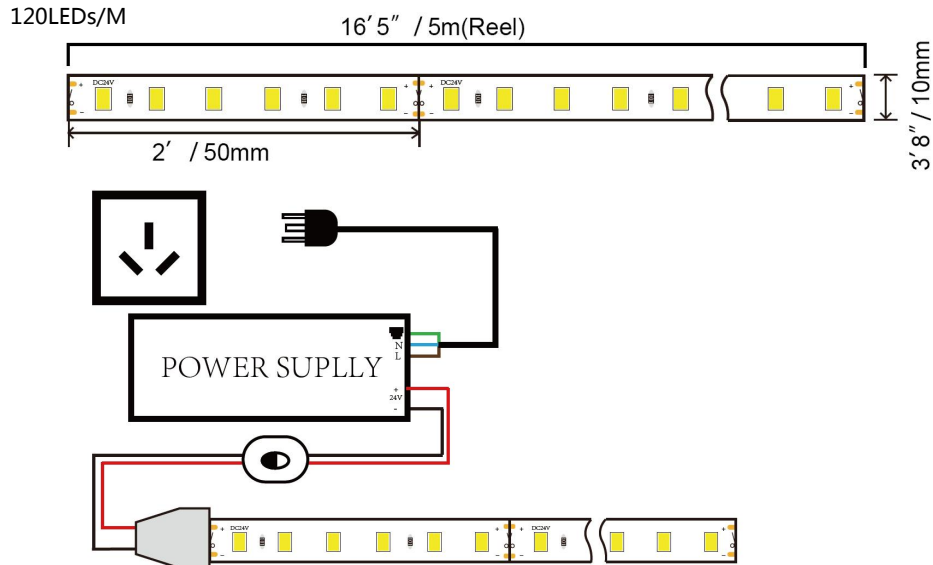
High 2835 SMD



- ◆ 2835 Adopts the Whole Luminescence Scheme, With High Luminous Efficiency and a Luminous Area of 9.18mm, Which is Twice the Size of 3528 Light Beads
- ◆ 2835 Brightness High, Single One Can Reach 22 Lumens (LM), the Brightness is 2.8 Times of 3528 Lamp Bead, and 1.8 Times of 3014 Lamp Bead.



## Dimensions/Connect Drawing



## Parameters

Part NO.	A0052	A0161	A0241
LED	2835	2835	2835
Quantity	120 SMD / M	160 SMD / M	240 SMD / M
IP Rank	IP20	IP20	IP20
Color	R, Y, B, G, CW, WW, PW	CW, WW,	CW, WW,
PCB Color	White	White	White
CRI	CRI > 95	CRI > 95	CRI > 95
Power ( For 5M )	75W ± 10%	80W ± 10%	120W ± 10%
Dimension	5000 * 8 * 2.3mm	5000 * 10 * 2.3mm	5000 * 15 * 2.3mm

### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

# High CRI LED Strip

## High 5050 SMD

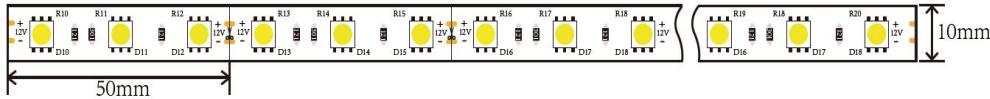


- ◆ LEDWORKER Flexible LED Strip light Adopt SMD3528/ SMD5050/SMD5630 EPSTAR LED As Light Source, Which is Made of Excellent Temperature-Resistant PCB There are Different Single Colors and RGB Color Available for Customers's Various Needs.
- ◆ 3M Adhesive Tape on the Back Ultra-Thin Design and Low Voltage is User-Friendly and Safety.
- ◆ Waterproof Flex LED Strip 5050 Light Options: Silicon Tube Waterproof/ Drop Glue Waterproof.

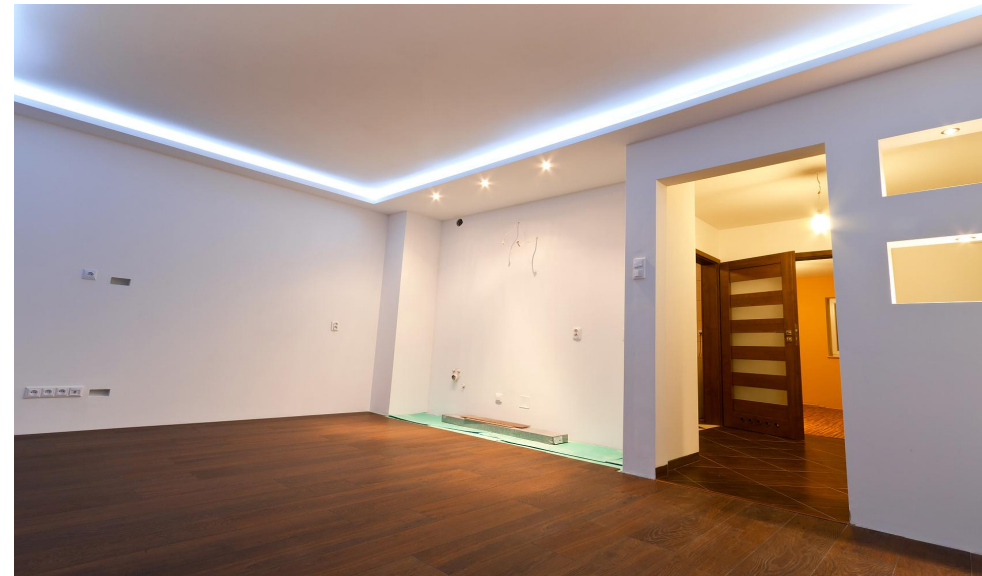
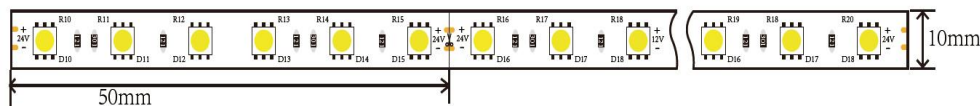


### Dimensions

12V-60LEDs/M



24V-60LEDs/M



### Parameters

Part NO.	A0006
LED	5050
Quantity	60 SMD / M
IP Rank	IP20
Color	3000k / 4000k / 5500k
PCB Color	White
CRI	CRI > 95
Power ( For 5M )	60W ± 10%
Dimension	5000 * 10 * 2.3mm

#### Cautions:

Remarks:CCT,PCB width and LED QTY can be customized.

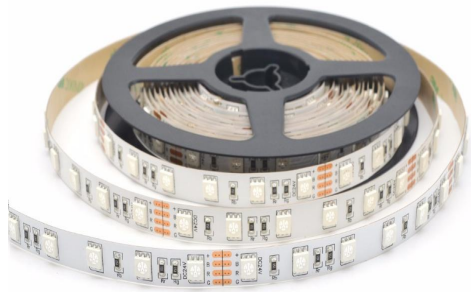


## Multi Color led strip

Multicolor LED Strip refers to strips light with multiple colors together. Including: two-color led strips, RGB led strip, 4in1 led strips, 5in1 led strips, and led strip set.

# Multi Color led strip

RGB Series

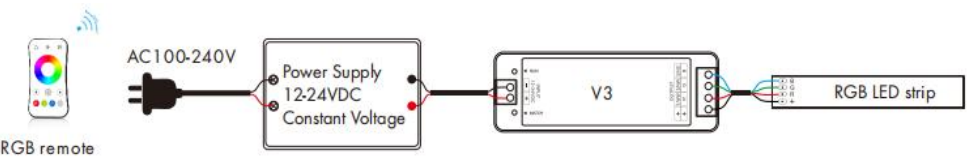
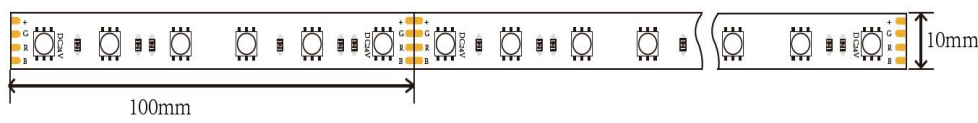


- ◆ LEDs well-distributed on the printed circuit board, better lighting effect and various colors available.
- ◆ High brightness, large viewing angle(120 degree), stable performance, light and flexible shape.
- ◆ High softness and flexibility improve weakness of common led strip lights, realizing easy and reliable operation.
- ◆ 1 meter(30-led) is a unit, within which there is one corresponding point(parallel point) for cutting arbitrarily.
- ◆ Low light decline and long lifespan.
- ◆ DC12V/DC24V input leads to the easy and safe installation.
- ◆ IP68 Waterproof, can be used for indoor and outdoor decoration and edge lighting.



## Dimensions/Connect Drawing

60LEDs/M



RGB remote

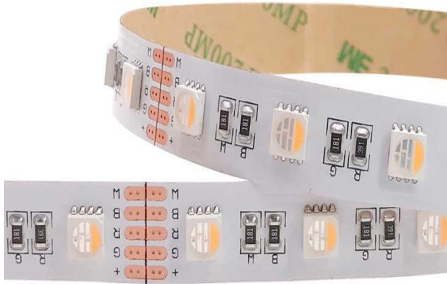
## Parameters

Part NO.	A0032
LED	5050
Quantity	60SMD/M
IP Rank	IP20
Color	RGB
PCB Color	White
Input Voltage:	DC12V/24V
Power(For 5M)	60W±10%
Dimension	5000*10*2.3mm

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

# Multi Color led strip

RGBW Series

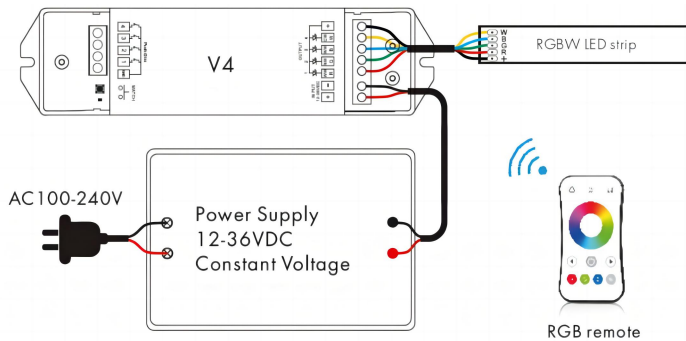
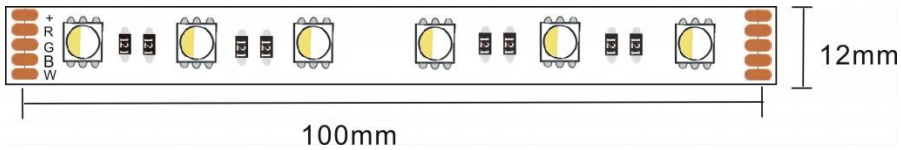


- ◆ Our SMD LED Use Copper Base and Gold Wire Which Provide Good Heat Dispersion, Long Life Span and Low Luminous Decay.
- ◆ Our Flexible Pcb Are All High Quality Double Layers PCB, at Least 2 Ounces, or 3 Ounces in Particular Models.
- ◆ We Always Require Same Bin Number SMD LEDs for Different Production Batches for the Same Customer.
- ◆ We Have Everfine Integrating Sphere to Test the Color Temperature of Incoming SMD LEDs and Pu It in Our QC Records for Every Batch. Normally 5 Macadam LED is +/-100kWe Can Produce 3 Macadam LED Strip/Tape as Customer Request



## Dimensions/Connect Drawing

60LEDs/M



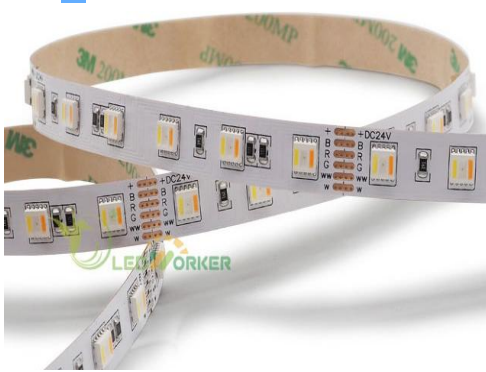
## Parameters

Part NO.	A0110
LED	5050
Quantity	60SMD/M
IP Rank	IP20
Color	RGBW
PCB Color	White
Input Voltage	DC12V/24V
Power(For 5M)	90W±10%
Dimension	5000*12*2.3mm

Cautions:  
Remarks:CCT,PCB width and LED QTY can be customized.

# Multi Color led strip

## RGBCCT Series

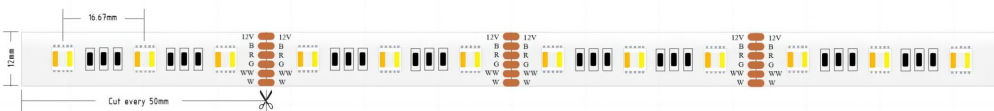


- ◆ Our SMD LED Use Copper Base and Gold Wire Which Provide Good Heat Dispersion, Long Life Span and Low Luminous Decay.
- ◆ Our Flexible Pcb Are All High Quality Double Layers PCB, at Least 2 Ounces, or 3 Ounces in Particular Models.
- ◆ We Always Require Same Bin Number SMD LEDs for Different Production Batches for the Same Customer.
- ◆ We Have Everfine Integrating Sphere to Test the Color Temperature of Incoming SMD LEDs and Pu It in Our QC Records for Every Batch. Normally 5 Macadam LED is +/-100kWe Can Produce 3 Macadam LED Strip/Tape as Customer Request

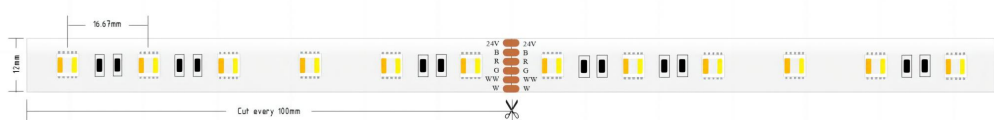


### Dimensions

DC12V



DC24V



### Parameters

Part NO.	A0111
LED	5050
Quantity	60SMD/M
IP Rank	IP20
Color	RGBWW/CW
PCB Color	White
Input Voltage	DC12V/24V
Power(For 5M)	120W±10%
Dimension	5000*12*2.3mm

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

# Multi Color led strip

## RGBCCT Series

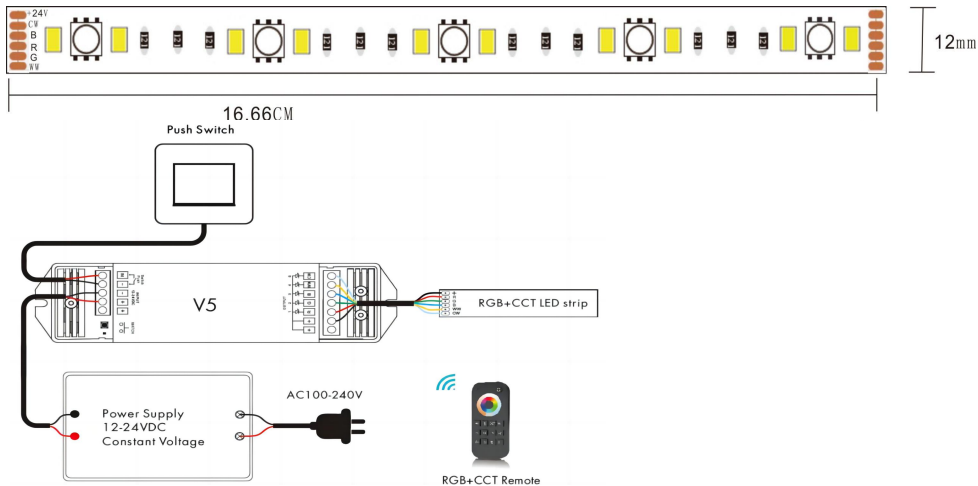


- ◆ RGB+W+WW (RGB+CCT) 5in1 Flexible Led Strips Solution.  
This New Designed LED Components Make the Flexible LED Strips Have the Great Advantage of Bravo Color Mixing Performance and Big Innovative.
- ◆ Implementation of 7 Colour Change at the Same Time Can Have a Pure White Light. Single Point of Single Control, High Gray Level, and Can Achieve a Variety of Beautiful Effect. Achieve Pure White While Changing Different Colors. For Magic LED Strips.



### Dimensions/Connect Drawing

60LEDs/M



### Parameters

Part NO.	A0112
LED	5050
Quantity	60SMD/M
IP Rank	IP20
Color	RGB+WW/CW
PCB Color	White
Input Voltage	DC24V
Power(For 5M)	90W±10%
Dimension	5000*12*2.3mm

**Cautions:**  
Remarks:CCT,PCB width and LED QTY can be customized.

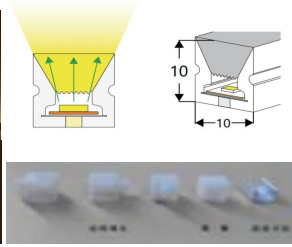
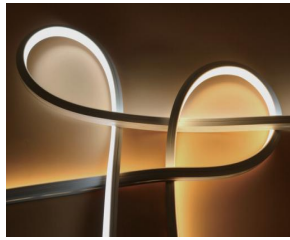




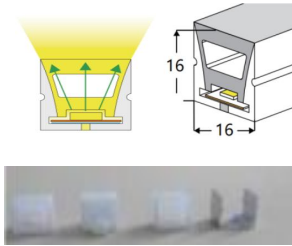
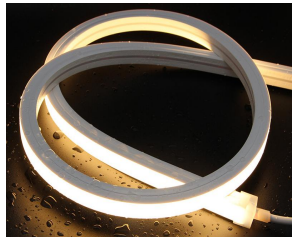
## Neon led strip

led neon strip Lights, distinguished by soft light which is lexible and easy for installation Made of solicor material, which will not become vellow as pvc material. Twice extrucsjon techonolog to protesct led strp inside, make sure that led neon ightwill not be damaged when rolled.

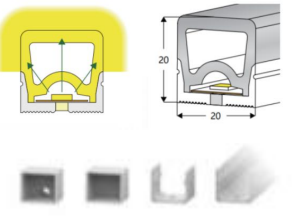
## Front Emitting Series



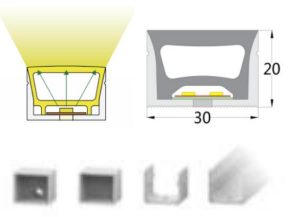
Model	LW-T1010A
Size (mm)	10x10
Voltage	DC24V
Mincut (mm)	42
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67



Model	LW-T1616A
Size (mm)	16x16
Voltage	DC24V
Mincut (mm)	50
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

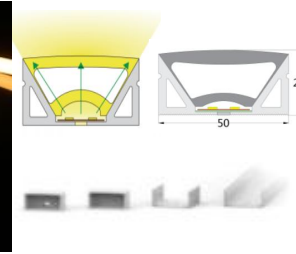


Model	LW-T2020A
Size (mm)	20x20
Voltage	DC24V
Mincut (mm)	100
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

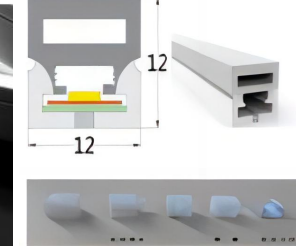


Model	LW-T3020A
Size (mm)	30x20
Voltage	DC24V
Mincut (mm)	100
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

## Front Emitting Series

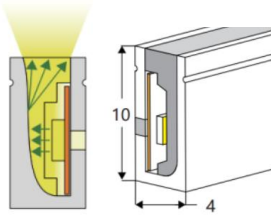


Model	LW-T1010A
Size (mm)	10x10
Voltage	DC24V
Mincut (mm)	42
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

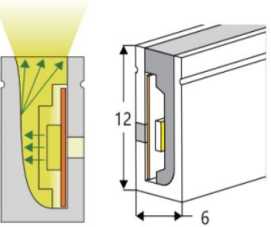
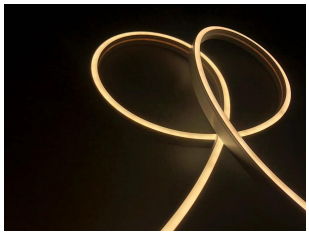


Model	LW-T1010A
Size (mm)	10x10
Voltage	DC24V
Mincut (mm)	42
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

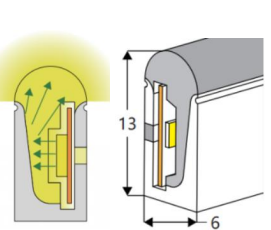
## Side Emitting Series



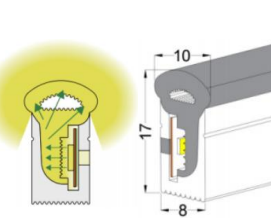
Model	LW-T0410B
Size (mm)	4x10
Voltage	DC24V
Mincut (mm)	100
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67



Model	LW-T0612
Size (mm)	6x12
Voltage	DC24V
Mincut (mm)	50
Power (W/m)	12-14W
Color	Addressable RGB/ RGB/White
CRI	>90
IP	67

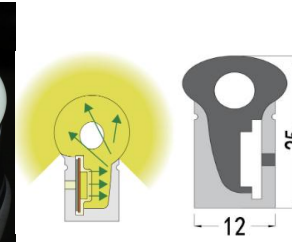
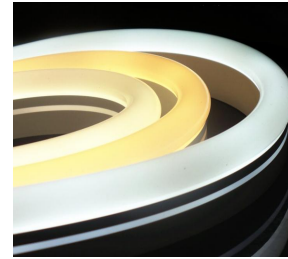


Model	LW-T0613
Size (mm)	6x13
Voltage	DC24V
Mincut (mm)	50
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

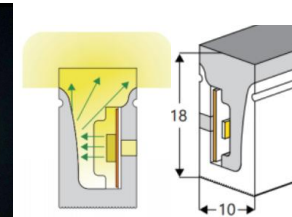


Model	LW-T0817
Size (mm)	8x17
Voltage	DC5V/DC24V
Mincut (mm)	50
Power (W/m)	12-14W
Color	Addressable RGB/ RGB/White
CRI	>90
IP	67

## Side Emitting Series

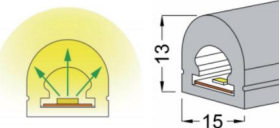
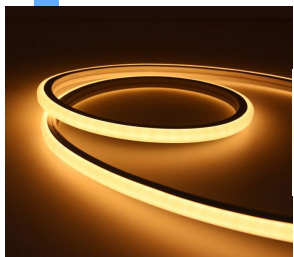


Model	LW-T1225
Size (mm)	12x25
Voltage	DC5V/DC24V
Mincut (mm)	50/100
Power (W/m)	12-14W
Color	Addressable RGB/ RGB/White
CRI	>90
IP	67



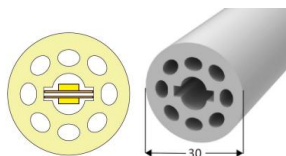
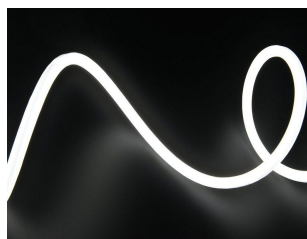
Model	LW-T1010A
Size (mm)	10x10
Voltage	DC24V
Mincut (mm)	42
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

## Semicircle Series



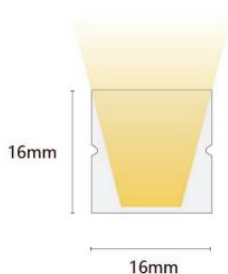
Model	LW-T1315
Size (mm)	13x15
Voltage	DC24V
Mincut (mm)	100
Power (W/m)	12-14W
Color	2700K/3000K/4000K/6000K
CRI	>90
IP	67

## 360 Degree Series



Model	LW-D30
Size (mm)	D30
Voltage	DC5V/DC24V
Mincut (mm)	50/100
Power (W/m)	12-14W
Color	Addressable RGB/ RGB/White
CRI	>90
IP	67

## Flexible LED Wall Washer



Model	LW-1616-30/LW-1616-45
Size (mm)	16X16
Voltage	DC24V
Mincut (mm)	42
Power (W/m)	16W
Color	2700K/3000K/4000K/6000K
Beam angle	30/45
IP	67

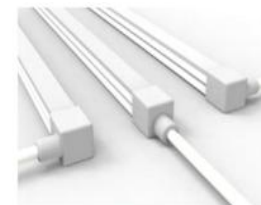
## Accessories



waterproof connector



screw clips



End cap

## The Installation



Accessories (Clips+Screw+Screw-Driver)



Fixed Clips



Install the Linear Light



Fixed the Linear Light

# LED Pixel Bar

LED Pixel Bar is an RGB magic color rigid bar. Divided into: LED Pixel bar and Rainbow LED Pixel tube. It consists of a addressable led strip and a hard light bar. Both of these two models are very convenient to install and disassemble, and can be assembled into various shapes to meet the needs of different customers. The difference is that one is front-lit, and the other is circular 360-degree light.

# LED Pixel Bar

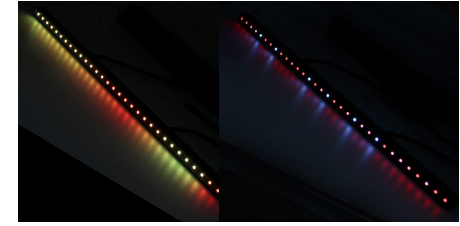


- ◆ 24V Individual control
- ◆ SK6812 Single Signal Transmissio
- ◆ ArtNet, SPI, DMX512, HDMI Control Mode;
- ◆ Black Semi-Transparent Cover for Semi-Hidden Light Strips;
- ◆ 256 Levels of Grayscale Changes;
- ◆ IP67 Waterproof Level;
- ◆ 120 Degree Illumination Without Dark Area;
- ◆ Serial Transmission, Signal Stability;
- ◆ Achieve Seamless Docking;
- ◆ Realize Multiple Docking Without Pressure Drop Phenomenon;



## Parameters

Product Name	0.5M LED Pixel Bar			
Part NO	LW-PB0.5R	LW-PB0.5S	LW-PB0.5C	FLW-PB0.5BF
LED Qty	32led per 0.5M	32led per 0.5M	32led per 0.5M	32led per 0.5M
Lens type	Milky Round Lens	Milky Square Lens	Clear Flat Lens	Black Flat Lens
LED Pixel	32 pixel per 0.5M	32 pixel per 0.5M	32 pixel per 0.5M	32 pixel per 0.5M
Input Voltage	DC24V	DC24V	DC24V	DC24V
LED Type	5050RGB	5050RGB	5050 RGB	5050 RGB
IC	SK6812	SK6812	SK6812	SK6812
MaxPower	7.5W	7.5W	7.5W	7.5W
View Angle	120°	120°	120°	120°
Color	Full Color	Full Color	Full Color	Full Color
IP Grade	IP67	IP67	IP67	IP67
Size	0.5M Per Pcs	0.5M Per Pcs	0.5M Per Pcs	0.5M Per Pcs
Lens	4 different lens	4 different lens	4 different lens	4 different lens
Grey scale	256	256	256	256



- ◆ 24V Individual control
- ◆ SK6812 Single Signal Transmissio
- ◆ ArtNet, SPI, DMX512, HDMI Control Mode;
- ◆ Black Semi-Transparent Cover for Semi-Hidden Light Strips;
- ◆ 256 Levels of Grayscale Changes;
- ◆ IP67 Waterproof Level;
- ◆ 120 Degree Illumination Without Dark Area;
- ◆ Serial Transmission, Signal Stability;
- ◆ Achieve Seamless Docking;
- ◆ Realize Multiple Docking Without Pressure Drop Phenomenon;

## Parameters

Product Name	1M LED Pixel Bar			
Part NO	LW-PB1R	LW-PB1S	LW-PB1C	FLW-PB1BF
LED Qty	64led per 1M	64led per 1M	64led per 1M	64led per 1M
Lens type	Milky Round Lens	Milky Square Lens	Clear Flat Lens	Black Flat Lens
LED Pixe	64 pixel per 1M	64 pixel per 1M	64 pixel per 1M	64 pixel per 1M
Input Voltage	DC24V	DC24V	DC24V	DC24V
LED Type	5050RGB	5050RGB	5050RGB	5050RGB
IC	SK6812	SK6812	SK6812	SK6812
MaxPower	15W	15W	15W	15W
View Angle	120°	120°	120°	120°
Color	Full Color	Full Colo	Full Colo	Full Color
IP Grade	IP67	IP67	IP67	P67
Size	1M Per Pcs	11M Per Pcs	1M Per Pcs	1M Per Pcs
Lens	4 different lens	4 different lens	4 different lens	4 different lens
Grey scale	256	256	256	256

# 360 Rainbow LED Pixel



- ◆ 6led per group for control.
- ◆ 360 degree light. Dot free type.
- ◆ Available size: 0.5M , 1M , also have other size for customer choose.
- ◆ Use our controller max add 80pcs 1M tube without voltage drop.
- ◆ Can use with our pixel bar, neon strip to have very more fantastic effect.



IP Rating



## Parameters

Model	LW-PB3601			
Name	Unit	Minimum	Typical	Maximum
Working Voltage ( V )	V	—	24V	—
Power (W)	W	—	11.52	—
ESD Voltage (Vesd)	V	2000	—	—
Light degree	Deg	—	360	—
Redwavelength	nm	620	—	625
Green wavelength	nm	515	—	520
Bluewavelength	nm	460	—	470
Storage Temperature	°C	-20	—	55
Work Temperature	°C	-20	—	55
Waterproof	—	—	67	—
SMD	—	—	5050 RGB	—
IC Items	—	—	UCS2903	—
Gray	—	—	256	—

# Accessories



Signal Amplifier



Fixed Pendant(Suggest two pcs each)



Hole Connecting Ball(Have 18/26 hole)



Arbitrary Connecting Rod( Use with hole ball)



"Y" Connecting Rod



"T" Connecting Rod



"X" Connecting Rod



"Six legs" Connecting Rod



Stereoscopic Rod(Use with L, Y, T, X, six legs Rod)



"L" Connecting Rod



120° Two-Angle Connecting Rod



Arbitrary Angle Connector



Seamless Connector(Each two pcs use one)



Cable Clips



Extension Cord(From Cannon to strip)



0.5M Extension Cord

# Controller



**Model : AN404**

- AN404 Artnet& Led DMX controller
1. Artnet Controller. 228\*125\*56
  2. 4 output, each port 680 pixels
  3. SPI output signal can be transmitted 100 meters
  4. Support 19-inch cabinet
  5. Support Madrix, madmapper
  6. Built-in 32 effects for recording madrix, madmapper, Resolume Arena, MADSHOW, MA2
  7. Support color filtering
  8. Support DMX call internal effects
  9. RDM Features
  10. 1.5U design



**Mole:ArtNet LED Pixel Controller**

1. 24V Individually Addressable Control.
2. Install to Any Shape Only by Hands With Different Connectors.
3. 80M Without Voltage Drop.
4. No Need Extra Power Supplier for 80M.
5. With PSU Controller Box, Do What You Want.
6. Compatible With DMX512, SPI, Matrix.

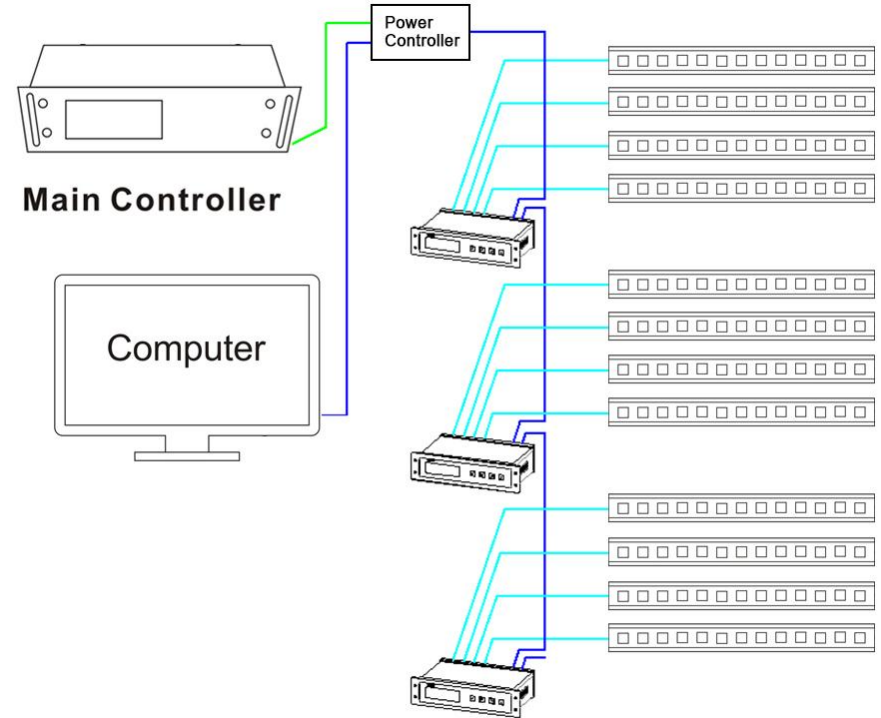


**Mole:LW-804P Controller**

1. 4 built-in 350W Mean Well power supplies, no external power supply is required for led strips or led pixel strips.
2. Support a variety of pixel control IC, flexible control.
3. Multi-channel SPI (TTL) / DMX signal output, maximum 5440 pixels.
4. Support network standard protocol ArtNet.
5. Support MadShow, Madrix, Resolume, Mapper, Grandama, Hog4.
6. Support to modify the controller IP and universe, which is convenient for cascading use.
7. You can set multiple light sources with one pixel and delete pixels.
8. The SD card records 31 effects and supports offline use.
9. LCD menu display and button setting interface, easy to operate.
10. Support DMX512 and SPI.
11. Output channels: RGB, RBG, GBR, BRG, BGR, RGBW



# Connect Drawing







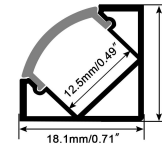
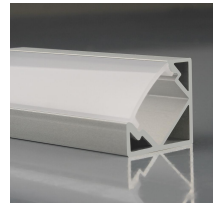
## Aluminium Profile

led strip aluminum profile also called: LED Diffusers Channel or led aluminum extrusions. They are best choice of installation and function companion for LED strip light. The components of the aluminum groove are: aluminum channel, cover, clips, end caps and screws.

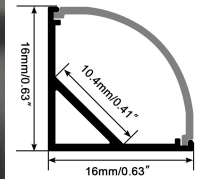
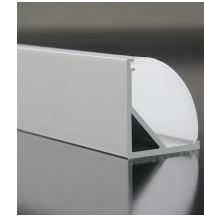




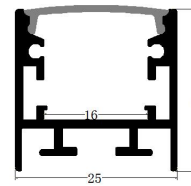
# Aluminium Profile



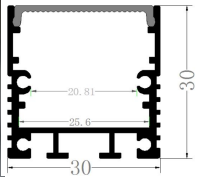
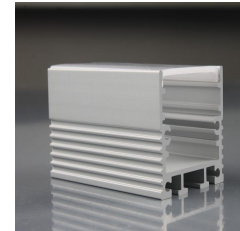
LW-1818



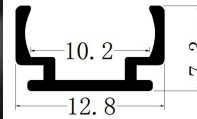
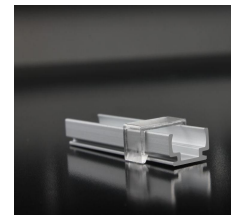
LW-1616B



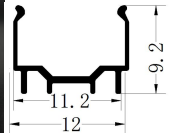
LW-2525A



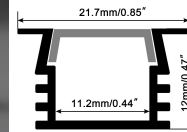
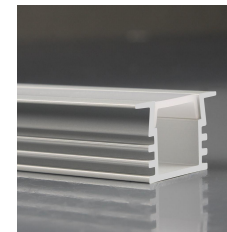
LW-3030C



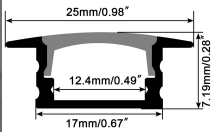
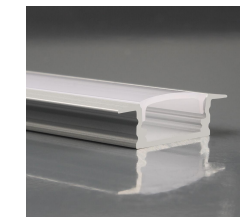
LW-1208



LW-1209

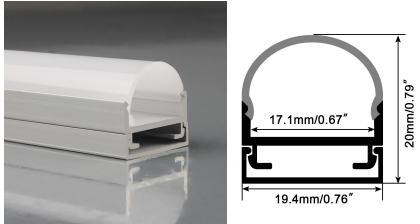


LW-1612B

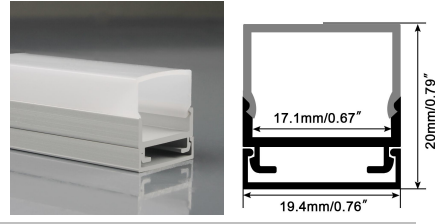


LW-1706B

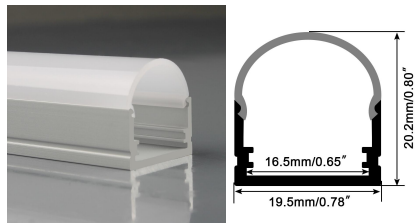
# Aluminium Profile



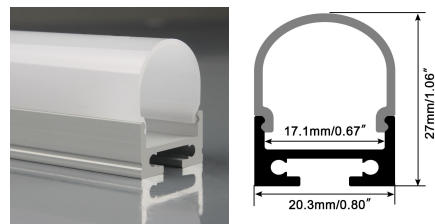
LW-1909A



LW-1710

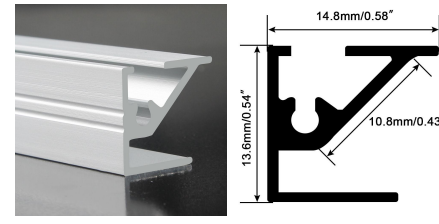


LW-1911A

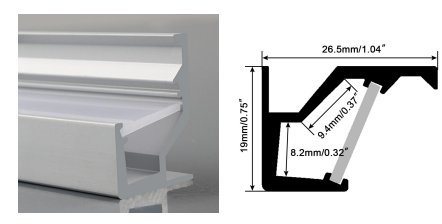


LW-2011A

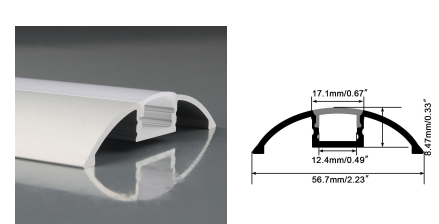
# Aluminium Profile



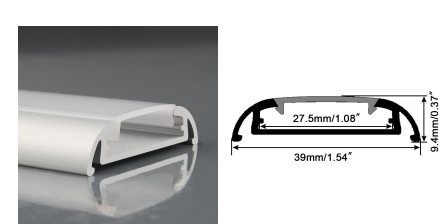
LW-1114



LW-1913



LW-1710



LW-3909

# Controller & Power Supply



# T-790 SUB Controller

Working temperature: -20°C-75°C
Power supply: :AC100-240V
Power consumption: 5W
Weight: 2.0Kg
Output type: 4pin terminal
Appearance size: L310*W152*H42
installation/rack installation (equip with mounting bracket)



**T-790**



**CONTRACTORS  
CONTROLLER**



**XB-806 Smart touch pad controller**



**XB-809 master control**



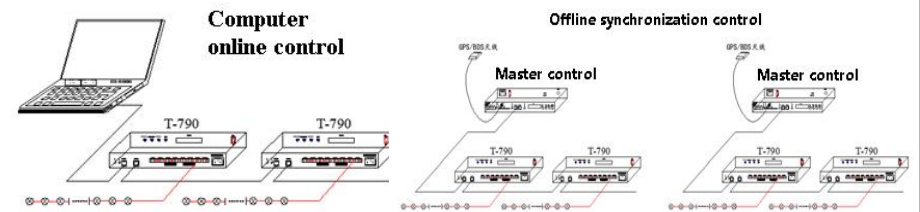
**T-709 Sub-control**



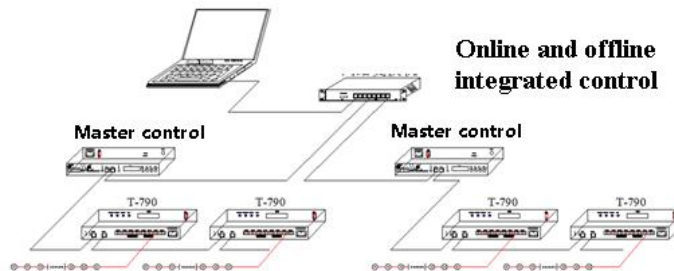
**T-760 Sub-control**

## Wiring diagram

1. Online wiring diagram of computer
2. Offline wiring diagram of master controller



3. Integrated online/offline wiring diagram



# XB-809 Master Controller



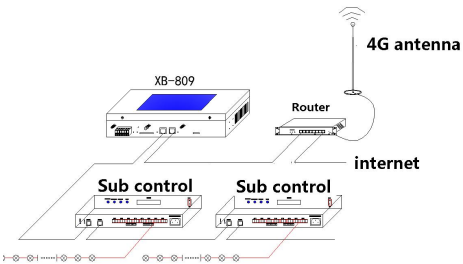
- Working temperature: -20°C-65°C
- Power supply: :AC100-240V
- Power consumption: 10W
- Weight: 2.0Kg
- Data interface:network port
- Appearance size: L260\*W160\*H52
- installation method:conventional installation/rack installation(equip with mounting bracket)

**XB-809**

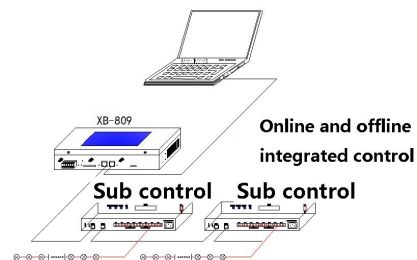
Support controller models: T-780/T-790/T-700K

## Wiring diagram

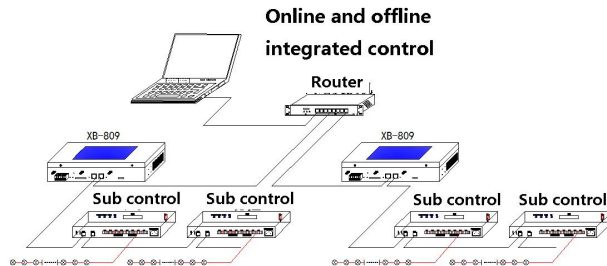
### 1.Single could master controller control



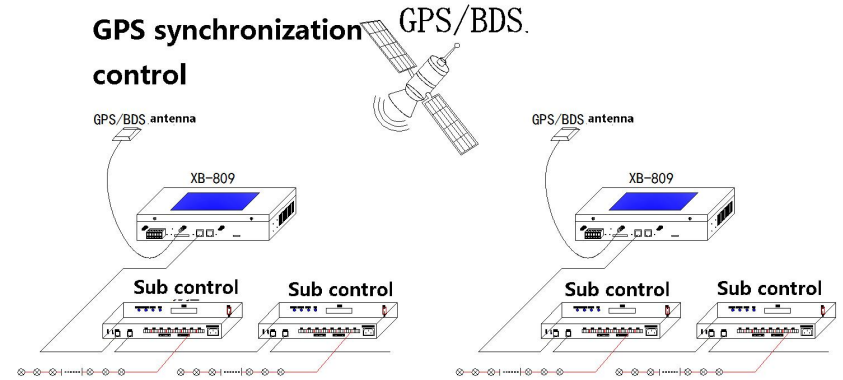
### 2. Integrated online/offline control



### 3. Integrated online/offline control of multiple master controllers



### 4. Synchronous control of GPS/BDS satellite signal of multiple master controllers





### Dimmer Controller



LW-RFTC-01

Input Voltage:DC12-24V  
 Output Power:<216W(6A\*3CH)  
 Net weight:213g  
 Gross weight:367g  
 product sizes:L83\*W79\*H32mm  
 Package sizes:L204\*W133\*H48mm  
 box sizes:69\*42\*26cm/50pcs  
 Output: V+ / R-/G-/B-

### RGBW Controller



LW-T2.4G-04

2.4G touch group RGBW controller  
 Input voltage: DC12-24V  
 Output current t: 6A\*4CH  
 Power: <288W  
 Output: V+ /R-/G-/B-/W-  
 Remote: Net weight:49g  
 Gross weight:61g  
 product sizes:L120\*W52\*H21mm  
 Receiver: Net weight:43g  
 Gross weight:53g  
 product sizes:L85\*W45\*H23mm

### CCT Controller



SP-642E

Input Voltage:DC5-24V  
 Working current:10mA~22mA  
 Output:2-Channel PWM  
 Controller size:55mm\*26mm\*12mm  
 Operating temperature:-20-60°C

### RGBWW Controller



LW-DST-0502

2.4G RGBWW Controller  
 input voltage: DC12-24V  
 Output current: 4A\*5CH  
 Power: 12V:<240W 24V:<480W  
 Output: V+ /R-/G-/B-/W-/C-  
 Remote: Net weight:46g  
 Gross weight:63g  
 product sizes:L150\*W40\*H13mm  
 Receiver: Net weight:43g  
 Gross weight:53g  
 product sizes:L85\*W45\*H23mm

### RGB Controller



LW-RFTC-03

Input Voltage:DC12-24V  
 Output Power:<216W(6A\*3CH)  
 Net weight:213g Gross weight:367g  
 product sizes:L83\*W79\*H32mm  
 Package sizes:L204\*W133\*H48mm  
 box sizes:69\*42\*26cm/50pcs  
 Output: V+ / R-/G-/B-

### Addressable RGB Controller



LW-SP611E

Bluetooth Music Pixel LED Controller  
 Working temperature:-20°C~60°C  
 Working Voltage:DC5V~24V ;  
 ControllerDimensions:60mm\*30mm\*14mm(not including the wires)  
 Remote control Dimensions: 125mm\*56mm\*7.5mm ;  
 Operating current:15mA~65mA ;

# Power Supply



BS-60-12

Model	BS-60-12	BS-60-24
DC Voltage	12V	24V
Input Voltage	110VAC-240VAC	
Rated Power	60W	60W
Rated Current	5A	2.5A



BS-100-24

Model	BS-100-12	BS-100-24
DC Voltage	12V	24V
Input Voltage	110VAC-240VAC	
Rated Power	100W	100W
Rated Current	8.3A	4.16A



S-60-24

Model	S-60-12	S-60-24
DC Voltage	12V	24V
Input Voltage	110VAC-240VAC	
Rated Power	60W	60W
Rated Current	5A	2.5A



S-120-24

Model	S-120-12	S-120-24
DC Voltage	12V	24V
Input Voltage	110VAC-240VAC	
Rated Power	120W	120W
Rated Current	10A	5A



# Power Supply



Cabinet Power Supply 60W

Model	12V60W	24V60W
DC Voltage	12V	24V
Input Voltage	170VAC-265VAC	
Rated Power	60W	60W
Rated Current	5A	2.5A



Cabinet Power Supply 100W

Model	24V100W	24V100W
DC Voltage	12V	24V
Input Voltage	170VAC-265VAC	
Rated Power	100W	100W
Rated Current	8.3A	4.16A



12V60W-C2

Model	12V60W-C2	24V60W-C2
DC Voltage	12V	24V
Input Voltage	180VAC-265VAC	
Rated Power	60W	60W
Rated Current	5A	2.5A



12V150W-C4

Model	12V150W-C4	24V150W-C4
DC Voltage	12V	24V
Input Voltage	180VAC-265VAC	
Rated Power	150W	150W
Rated Current	12.5A	6.25A



## MEAN WELL Not Waterproof Driver



LRS-100-24A

Model	LRS-100-12	LRS-100-24
DC Voltage	12V	24V
Input Voltage	170VAC-264VAC	
Rated Power	100W	100W
Rated Current	8.5A	4.5A



LRS-150-24A

Model	LRS-150-12	LRS-150-24
DC Voltage	12V	24V
Input Voltage	170VAC-264VAC	
Rated Power	150W	150W
Rated Current	12.5A	6.5A



LRS-200-24A

Model	ELG-200-12	ELG-200-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	200W	200W
Rated Current	17A	8.8A



LRS-350-24A

Model	ELG-350-12	ELG-350-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	350W	350W
Rated Current	29A	14.6A

## MEAN WELL Waterproof Driver



ELG-150-24A

Model	ELG-150-12	ELG-150-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	120W	150W
Rated Current	10A	6.25A



ELG-200-24A

Model	ELG-200-12	ELG-200-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	192W	201.6W
Rated Current	16A	8.4A



XLG-150-24-A

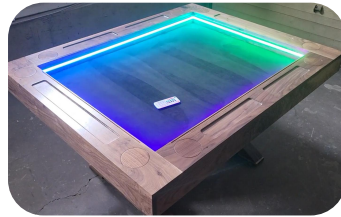
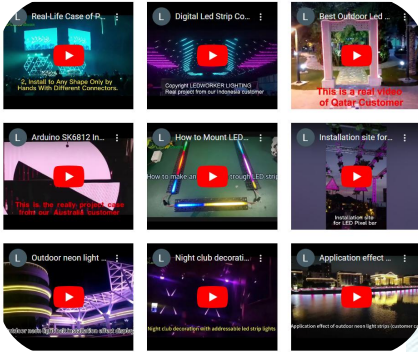
Model	XLG-150-12	XLG-150-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	150W	150W
Rated Current	12.5A	6.25A



XLG-200-24-A

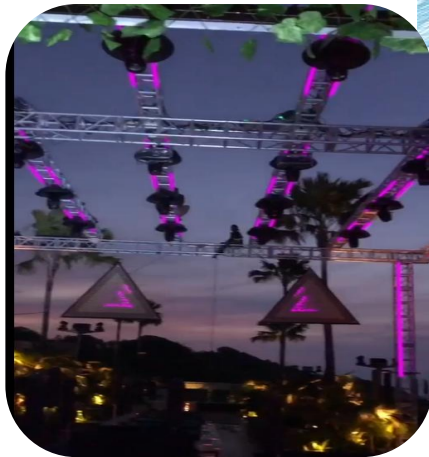
Model	XLG-200-12	XLG-200-24
DC Voltage	12V	24V
Input Voltage	200VAC-305VAC	
Rated Power	192W	199.2W
Rated Current	16A	8.3A

# Customer Case Introduction



COB Addressable RGB led strip, MeanWell power supply and controller are used for his board gamign table.

## Let LEDWorker Lighting brighten your life !



A large event site with a combination of choreography and LED Pixel bar lighting.



Different sizes of Neon LED strip lighting effects.

