

## 2515 LED Wall Washer Strip Data Sheet



- Lens polarization angle design 16x19°, Unique lens appearance design, Accurate focusing angle, Wide-angle uniform coverage, Illuminate the new realm of space, Excellent Wall washer effect, full color temperature optional
- Long Project distance and uniform light for wall washer
- Different color choice, white & Black & transparent tube available
- Resistance to yellowing, high temperature, corrosion, strong adhesion, good durability, strong reliability, and high cost-effectiveness
- Waterproof grade IP67 • 5 years warranty

### Technologies

ON/OFF,DMX

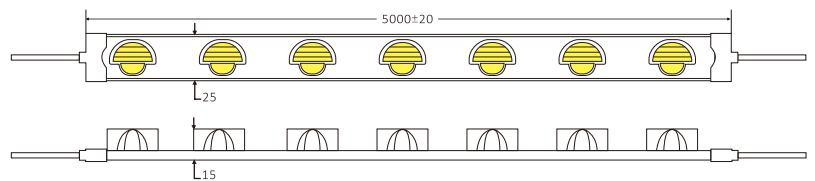
### Application

- Suitable for indoor and outdoor use, can be used as decorative lighting, such as shopping malls, buildings, advertising lights, etc

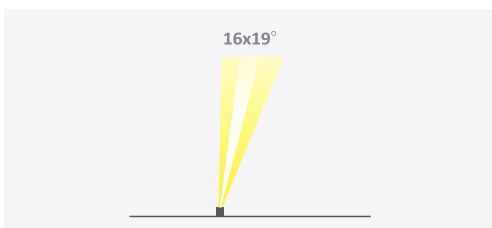
### Color Options



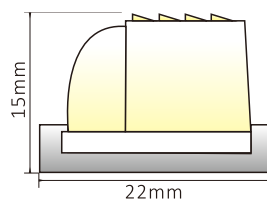
### Dimensions



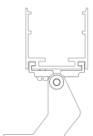
### Beam Angle



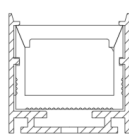
### Sectional drawing



### Recommended Accessories



Bracket



Alu Profile



PC Cocer with Profile

## Product Specifications

P/N	LED Quantity	CCT K	CRI	LEDS (m)	LUMENS (lm/m)	Vf. (V.)	Current (mA/M)	Power (W/m)	Cut Length (MM)	Max Run (M)
RL-FV2422024283520-830-WWTH2515	2835	2700	80/90	24	1660	24	833	20	125	5
		3000			1660					
		4000			1700					
		6500			1700					
RL-FV2422024505015-DMX-WWTH2515	5050	R:620-630	80/90	24	500	24	625	15	250	5
		G:520-530								
		B:465-475								

## Other Specifications

Protection grade	IP67
Working temperature(°c)	-25~+60
Storage environment temperature (°c)	-25~+70
Standard length	5
Maximum cascade length(m)	5
weight	/

## Remark

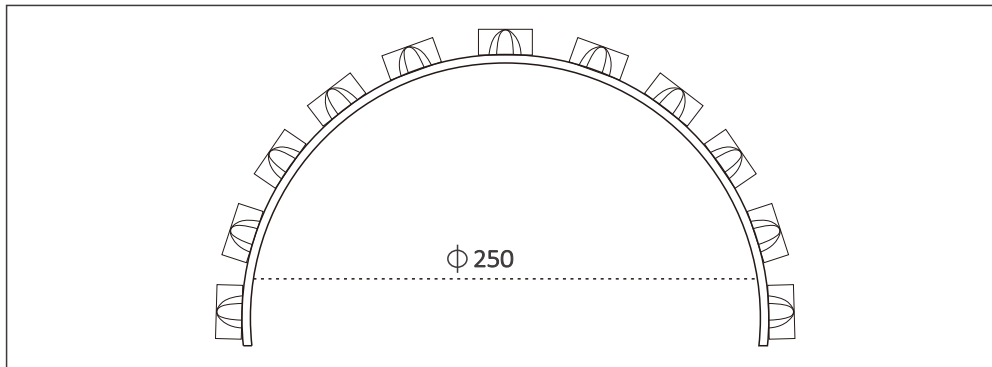
- The test environment temperature is 25±2°C;
- The above data are typical values, the actual parameters of the product may be different from the typical data; the data is subject to change without notice;
- The above "/" means that this parameter is not required for the time being.

## Applied Standards



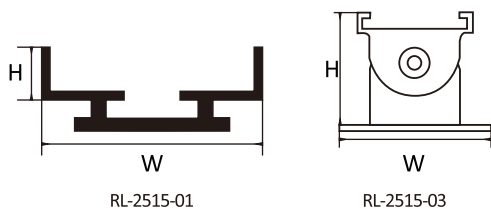
## Installation

Note :Due to the different types and attributes of neon lights, please refer to the, line marks for the bending radius

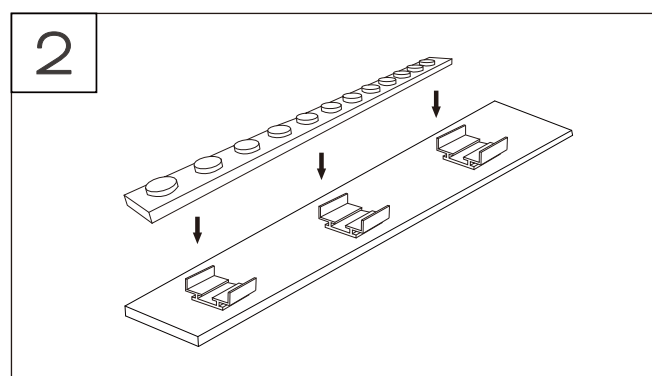
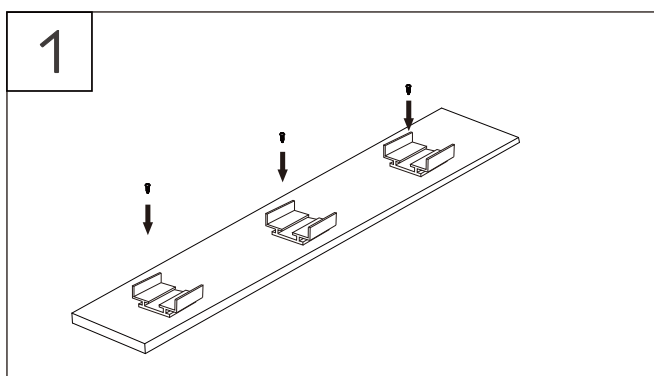
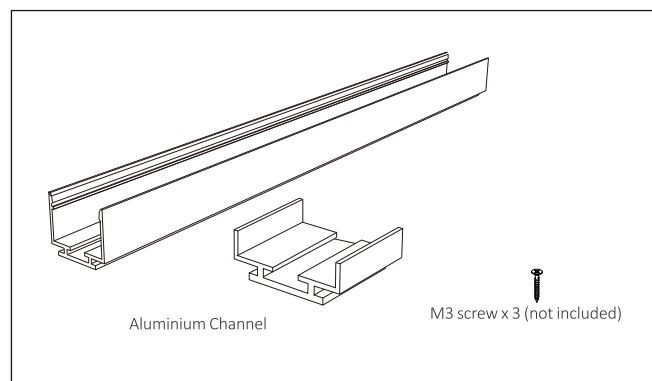


## Mounting with aluminium profiles

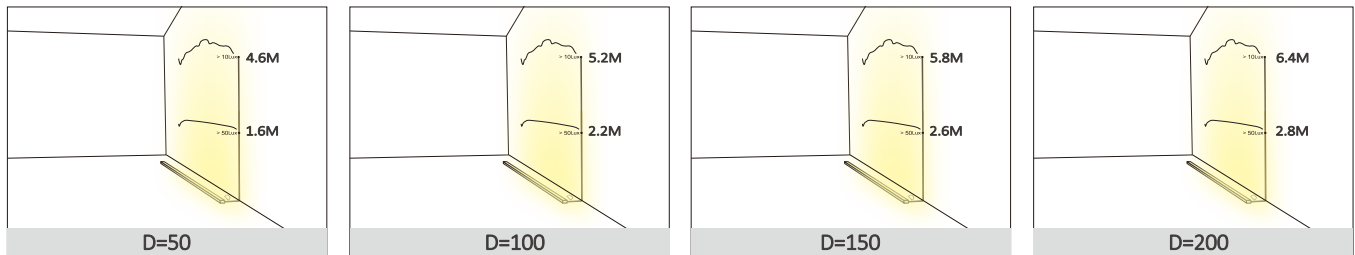
Install with the screws provided. Do not use screws of other types or sizes that do not meet requirements.



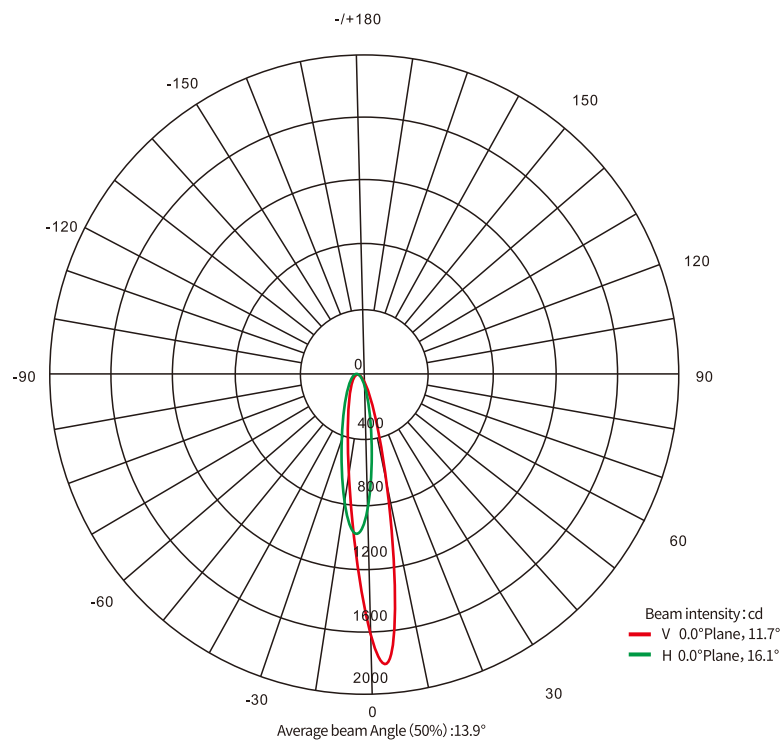
Description	W (mm)	H (mm)	Item Code
RL-2515-01	27	11	/
RL-2515-03	36	24	/



## Installation distance-wall washing height

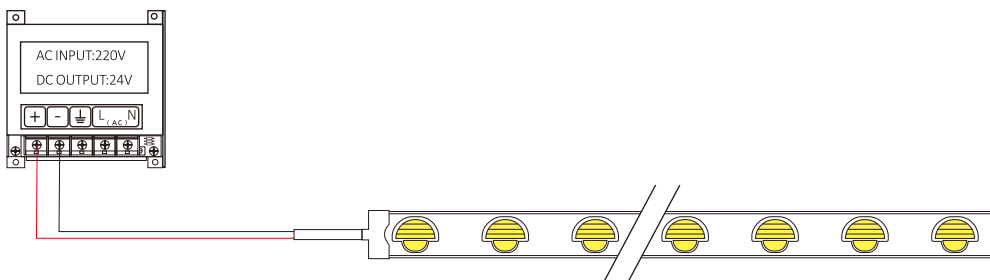


## IES Report



## Schematic diagram of electrical connection

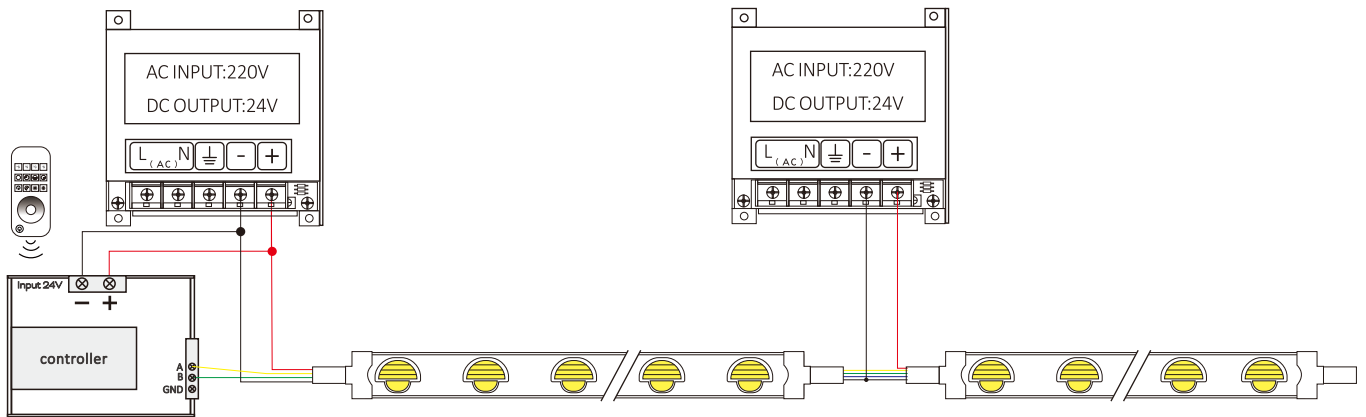
### Monochrome temperature wiring diagram 1: Power + lamp belt connection mode



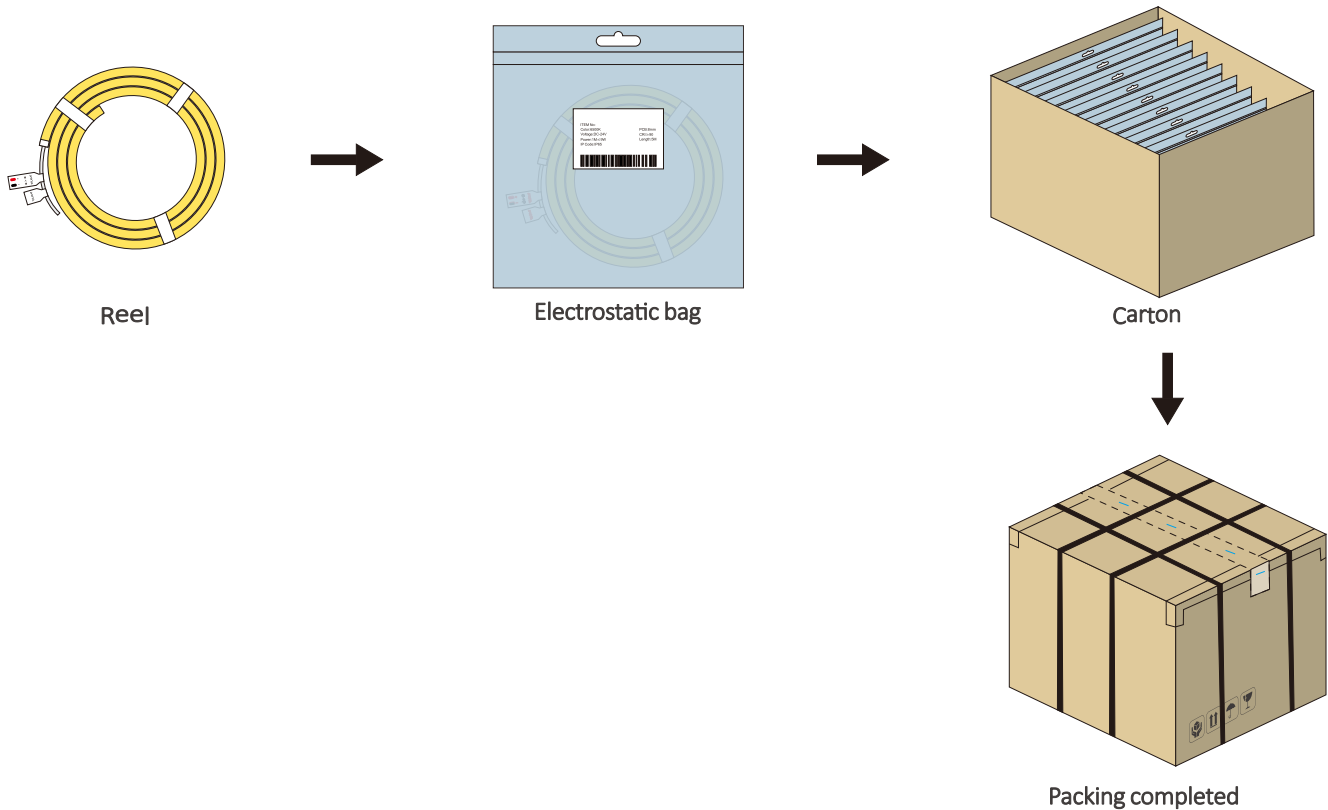


## Schematic diagram of electrical connection

DMX512 wiring diagram: Power + controller + light belt connection

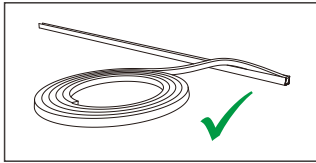


## Package

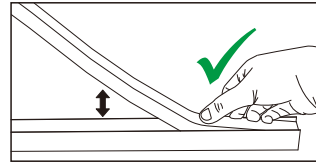
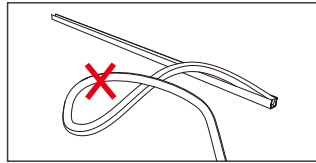


**Note :** The above-mentioned packaging quantity and weight are only for the packaging method shown in the figure. There will be differences in the number and weight of packaging for other packaging methods, and the actual product shall prevail.

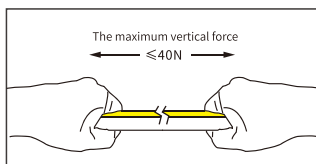
## Installation Guidelines for LED Light Strips



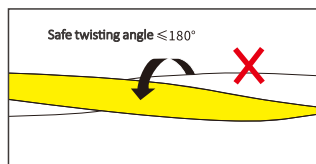
1. During LED strip installation, ensure to uncoil the strip loop by loop and maintain perpendicular alignment with the mounting profile. Avoid twisting or knotting of the strip at all times.



2. Align the LED strip with the opening of the profile, gently lift and press the strip into the profile, and strictly avoid excessive bending or lifting of the strip.

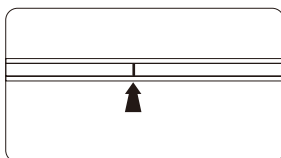


The safe tensile force for the LED strip shall be  $\leq 40N$ . Excessive force may damage the internal circuitry.

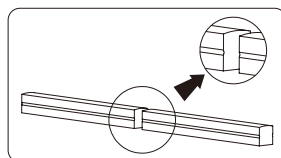


The safe twisting angle for the LED strip shall not exceed 180°.

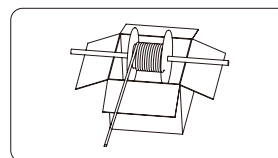
## Warning sign



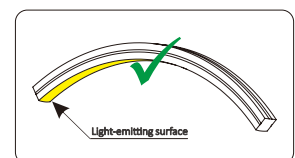
Cuttable Marking Area  
(on the bottom or side of the product)



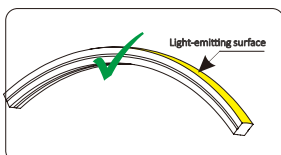
Neat and smooth cut



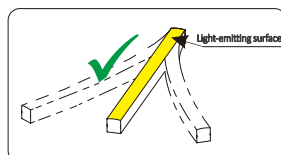
Mount the roll on a rod over the box  
and rotate to use



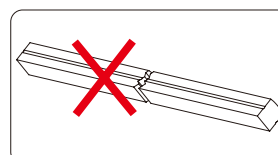
Top Bend



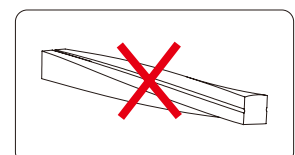
Side Bend



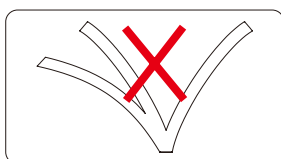
Free Bend



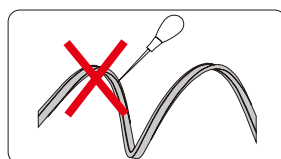
Do not leave uneven cuts



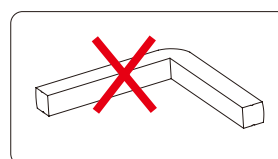
Do not twist during use



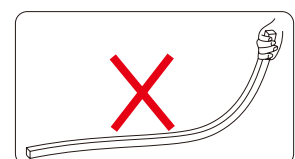
Repeated bending may damage  
electronic circuits



Do not puncture or scratch with sharp  
objects



Do not bend at sharp angles



Do not jerk or yank when using the product

1. The cutting marks are located on the PCB. Refer to the product cutting line window or laser markings on the surface to identify the trimming position.

2. During transportation and application, please observe the above warning labels. Proper handling ensures optimal performance and user satisfaction.

## Common product faults and their troubleshooting methods

Fault Phenomena	Possible Causes	Troubleshooting Methods
All lights off	1.Mains power failure	Power on
	2.Open circuit or short circuit at switching power supply output triggering auto-protection	Troubleshoot and restore power
	3.Reverse polarity at LED strip power input	Check wire connection status to ensure correct polarity
Partial lights off	1.Partial switching power supply failure	Inspect power supply system and resolve faults
	2.Wiring error in partial LED strip circuits	
	3.Reverse polarity in partial LED strips	Correct wiring
LED uneven brightness or insufficient brightness	1.Power supply overload	Replace with higher-power supply according to load
	2.Excessive line loss in switching power circuits or significant line loss discrepancies	Maintain LED strip operating voltage within $\pm 5\%$ of rated voltage 1.Shorten power cable length between power supply and LED strip or use larger gauge wires; 2.Ensure number of LED strips per circuit $\leq$ max allowed cascading quantity and keep cascading quantities similar per circuit).
	3.Excessive serial connection of LED strips	Adjust LED strip quantity per power branch to meet max allowed cascading requirements per circuit
LED flickering	1.Poor contact at connection points	Identify and resolve poor contact points
	2.Switching power supply malfunction	Replace switching power supply



## Notice

- If the external flexible cable of this product is damaged, the cable must be replaced by the manufacturer or similarly qualified personnel to prevent hazards.
- For specific installation arrangements and precautions, refer to the product user manual.
- Data in this specification is based on standard products. Actual delivered products may vary, subject to physical measurements.
- All product diagrams in this specification are schematic diagrams. Actual delivered products may differ, subject to physical objects.
- Technical modifications may be implemented without prior notice.
- Shenzhen Meishang Lighting Co., Ltd. reserves the final interpretation rights of this manual.



Specialized  
LED Strip Manufacturer

Shenzhen  
Relight Technology Co.,Ltd

6th Floor, Building A, Guancheng Industrial Park, Gongming Town,  
Guangming District, Shenzhen, China

Tel: 86 0755 3369 1713  
Web: [www.relight-tech.com](http://www.relight-tech.com)  
E-mail: [Sales@relight-tech.com](mailto:Sales@relight-tech.com)