



# 30M/2835 constant current Led strips/

120pcs led/meter/DC24V/IP20/10mm

Same brightness from head to the end for the whole 30M strip and Both ends need an LED driver for power supply

Convenient installation and use less installation accessories

Tc point added,which can monitor the working temperature of LED chips

Led with one BIN system, good color consistent  
Leds: 99.99% golden wire and copper support, super bright leds, stable and reliable  
Longer life span with 5 years warranty  
IP grade: IP20, IP67 available  
cUL/CE/ UKCA/ROHS certification



## Application:

Widely used in hotels、shopping malls、furniture、cabinets、shelf, as decoration lighting, direct lighting or indirect lighting

## Installation:

3M Adhesive

## Warranty:

5 years



| Product Model     | Color | CCT (K) | Ra    | Beam angle (°) | Lumen (lm/m) | Efficiency (lm/W) | Voltage (V DC) | Current (mA/m) | Power (W/m) |
|-------------------|-------|---------|-------|----------------|--------------|-------------------|----------------|----------------|-------------|
| SW-F2835W60-WF0-C | WW    | 2300    | 80/90 | 120            | 1026/846     | 85/71             | 24             | 533            | 12          |
| SW-F2835W60-WF0-C | WW    | 2500    | 80/90 | 120            | 1070/876     | 89/73             | 24             | 533            | 12          |
| SW-F2835W60-WF0-C | WW    | 2700    | 80/90 | 120            | 1135/925     | 95/77             | 24             | 533            | 12          |
| SW-F2835W60-WF0-C | WW    | 3000    | 80/90 | 120            | 1164/966     | 97/81             | 24             | 533            | 12          |
| SW-F2835W60-WF0-C | WW    | 3500    | 80/90 | 120            | 1187/1063    | 99/89             | 24             | 533            | 12          |
| SW-F2835N60-WF0-C | NW    | 4000    | 80/90 | 120            | 1190/1092    | 99/91             | 24             | 533            | 12          |
| SW-F2835N60-WF0-C | NW    | 5000    | 80/90 | 120            | 1188/1111    | 99/93             | 24             | 533            | 12          |
| SW-F2835N60-WF0-C | CW    | 6000    | 80/90 | 120            | 1194/1111    | 100/93            | 24             | 533            | 12          |

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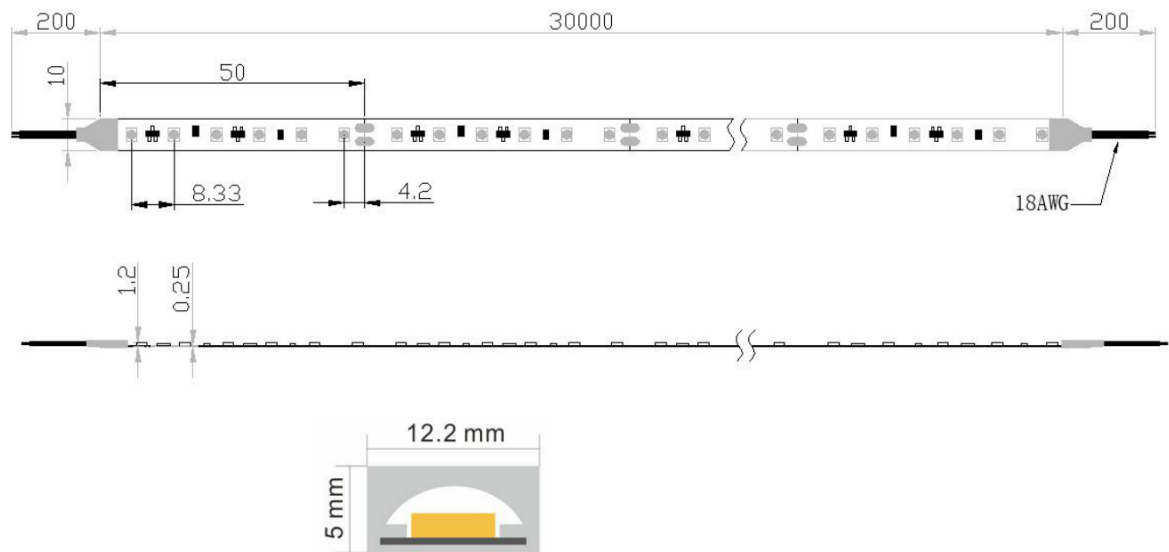
## Other features:

| Product Model     | IP grade | Working environment (°C) | Storage environment (°C) | Length (m) | Max connection Length (m) | LED Qty (pcs/m) | N.W (g/Roll) |
|-------------------|----------|--------------------------|--------------------------|------------|---------------------------|-----------------|--------------|
| SW-F2835W60-WF0-C | IP20     | -25~+45                  | -30~+80                  | 30         | 30                        | 120             | 507          |

Notes:

- Testing environment temperature: 25±2°C ;
- Above data confirmed on the basis of 1M sample, 3000k,RA80, IP20.
- Different IP grade with different Data.
- Mark"—"means no testing requirement.

## Dimensions:

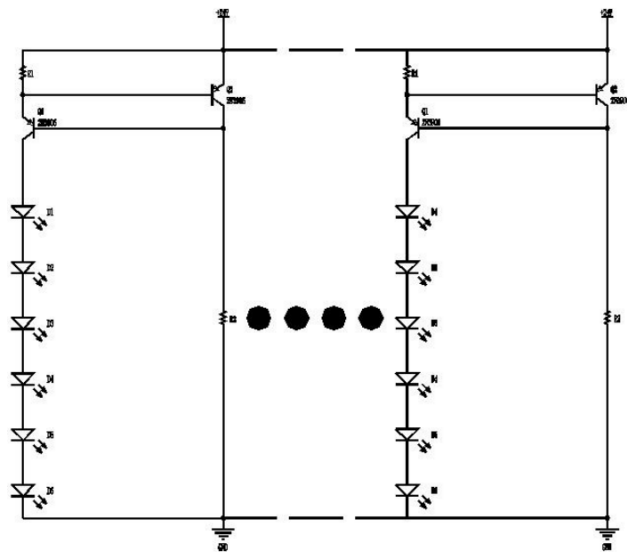


**IP67**  
(Extrusion Molding)

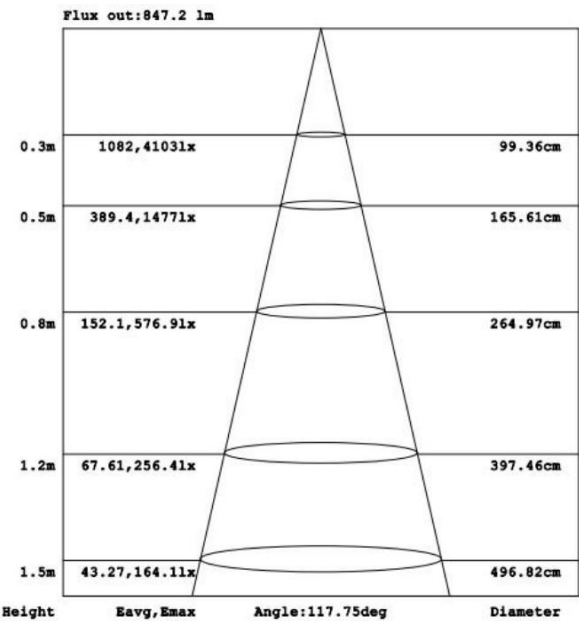
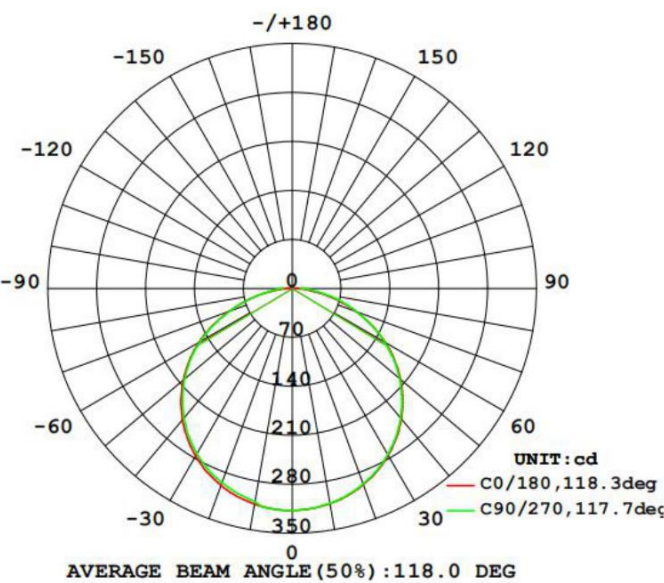
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Electric principle:



Optical/Lux graph:



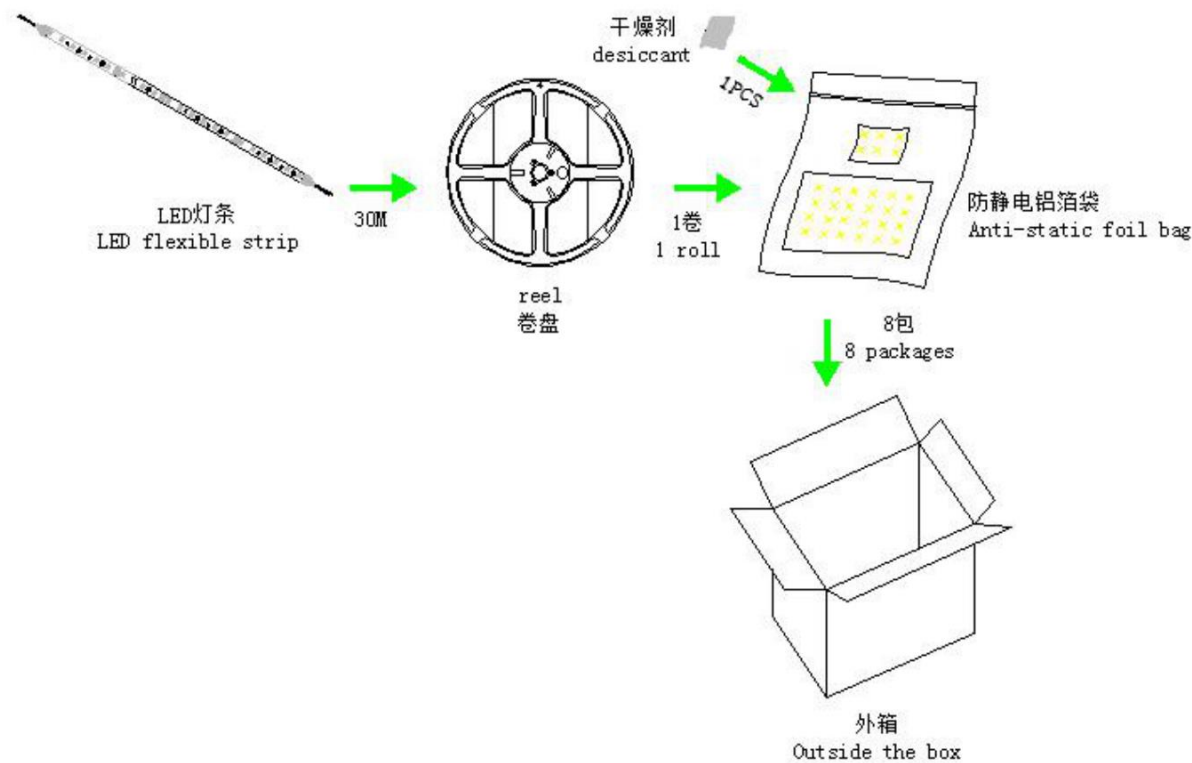
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Package details :

| Model             | carton    | Qty/Roll(m) | Qty/Carton(m) | Total Qty(m) | G.W(Kg) | size(mm)       |
|-------------------|-----------|-------------|---------------|--------------|---------|----------------|
| SW-F2835X60-WF0-C | inner box | -           | -             | -            | -       | -              |
|                   | outer box | 30          | 240           | 240          | 6.767   | L360*W360*H175 |

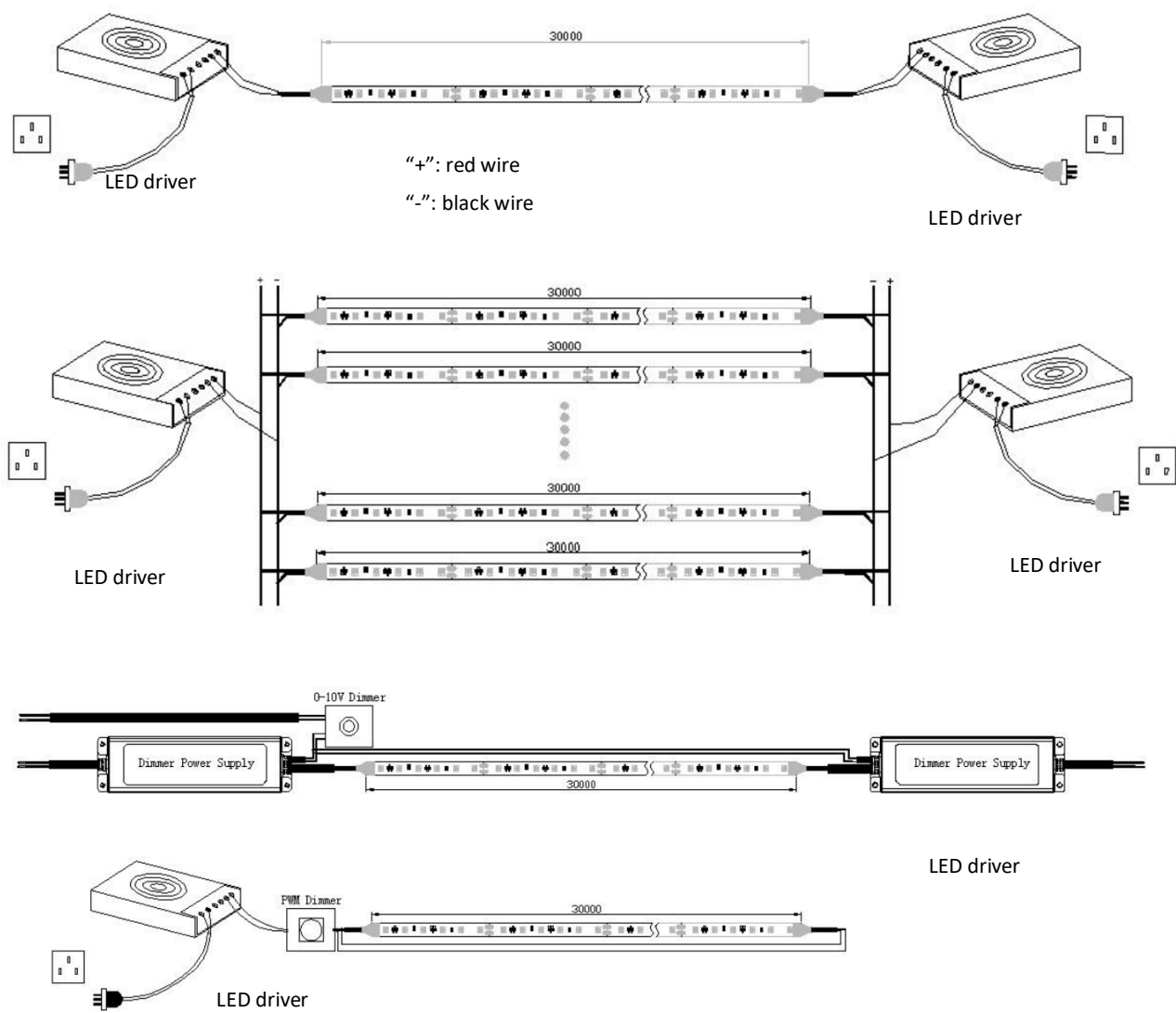
Package :



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## Schematic :

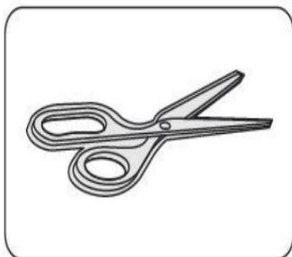


( PS: Strip positive connect to the driver positive,  
Strip negative connect to driver negative )

## Product and needed tools :



**Product**  
Led strip

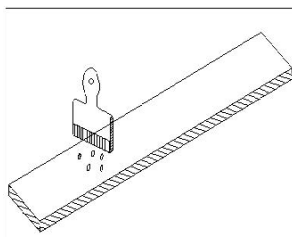


**Needed tools**  
scissor

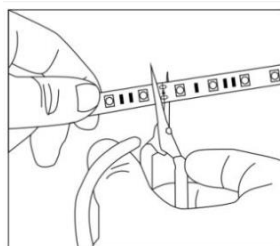
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### Installation steps:

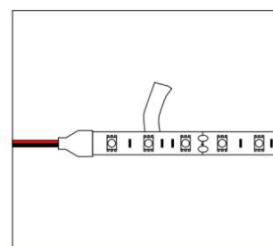


Clean the installation surface

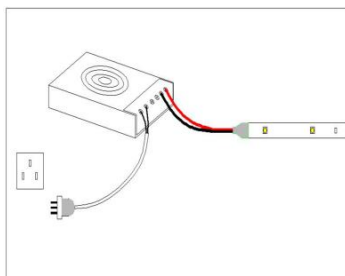


Measure the length you need to install, cut at the nearest scissor mark line.

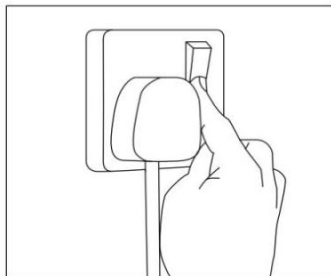
For the left led strip, weld at the next scissor mark to connect with other connection wire.



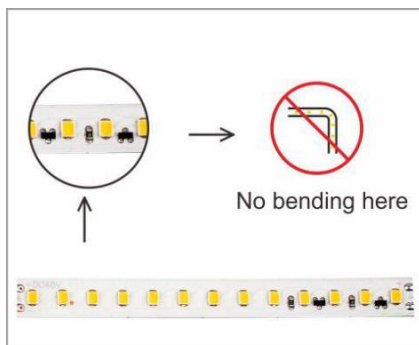
Do not pull the whole led strip from the back release paper by one time. No press on the leds.



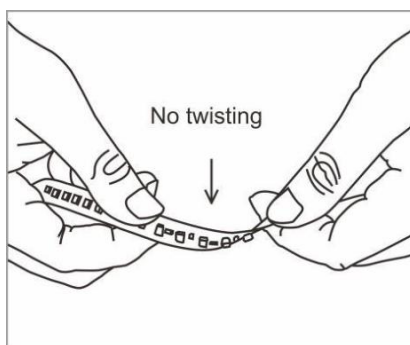
Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)  
Connect the driver input side to power-supply.



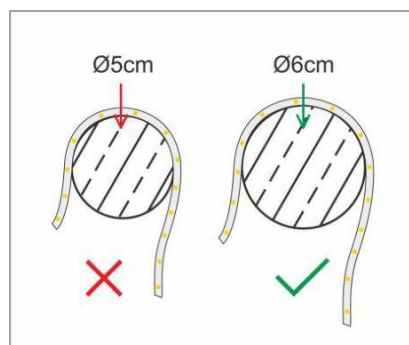
Switch on and enjoy.



No bending  
at the point of leds



No contortion  
of the led strip.



No bending  
with Diameter<6cm

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### Usual problem with solutions :

| Problem  | Possible reasons  | solution   |
|--|---|--|
| All fail   | No power supply   | Give power supply  |
|  | Automatic switch-off because of the open circuit and short circuit                                    | Solve the problem, switch on again.  |
|  | Wrong connection (positive connect with negative)   | Check and get right connection.  |
| Part fail  | Part power-supply fail  | Check and make sure the power supply well.   |
|  | Part circuit error  |  |
|  | Part wrong connection(positive connect negative)  | Check and get right connection.  |
| Inconsistent brightness or insuffiscent brightness | overload of the driver  | Use higher-power driver  |
|  | Too big power consumption of the switch, or unbalanced power consumption from different strip series. | Keep the strip working voltage is more or less 5% than the Rated voltage.<br>1.shorten the connection cable length, or change to thicker cable.<br>2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar) |
|  | Too many Led strips connection  | Adjust the led strip quantity, make sure sufficient power supply.  |
| LED flash  | Poor welding connection of wires  | Check,find and solve it.   |
|  | switch problem  | Change to right switch   |



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## **30M/2835 constant current Led strips/**

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### **Statements :**

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For safety, the product wire should be moved and replaced by the manufacturer, agent or other authorized person.

Please refer to the product manual before installation.

Above-refered data is from our standard product. Please subject to your actual product data if there is difference.

Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.

In actual use, we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.

For safety, no touch the AC terminal.

Any acidic or alkaline substance is forbidden.

No notice for updated of this product.

Starwire reserve the final interpretation of the specification.

