

# SMD5050 Single Color LED Strip-60LEDs / M

## DC5V DC12V DC24V



### ◆ Product Description:

This flexible LED strip solders 60pcs SMD 5050 LEDs per meter

FPC in white color with 10mm Width

Cut-able every 3LEDs & 50mm

All soldering Pads are very large, allowing you to easily cut and reconnect

Both ends have 2pin bare wires for powering

3M tape attached on backside of FPC, 5 meters in a reel,

3 different Waterproof types, IP64, IP65, IP67

A variety of colors are available



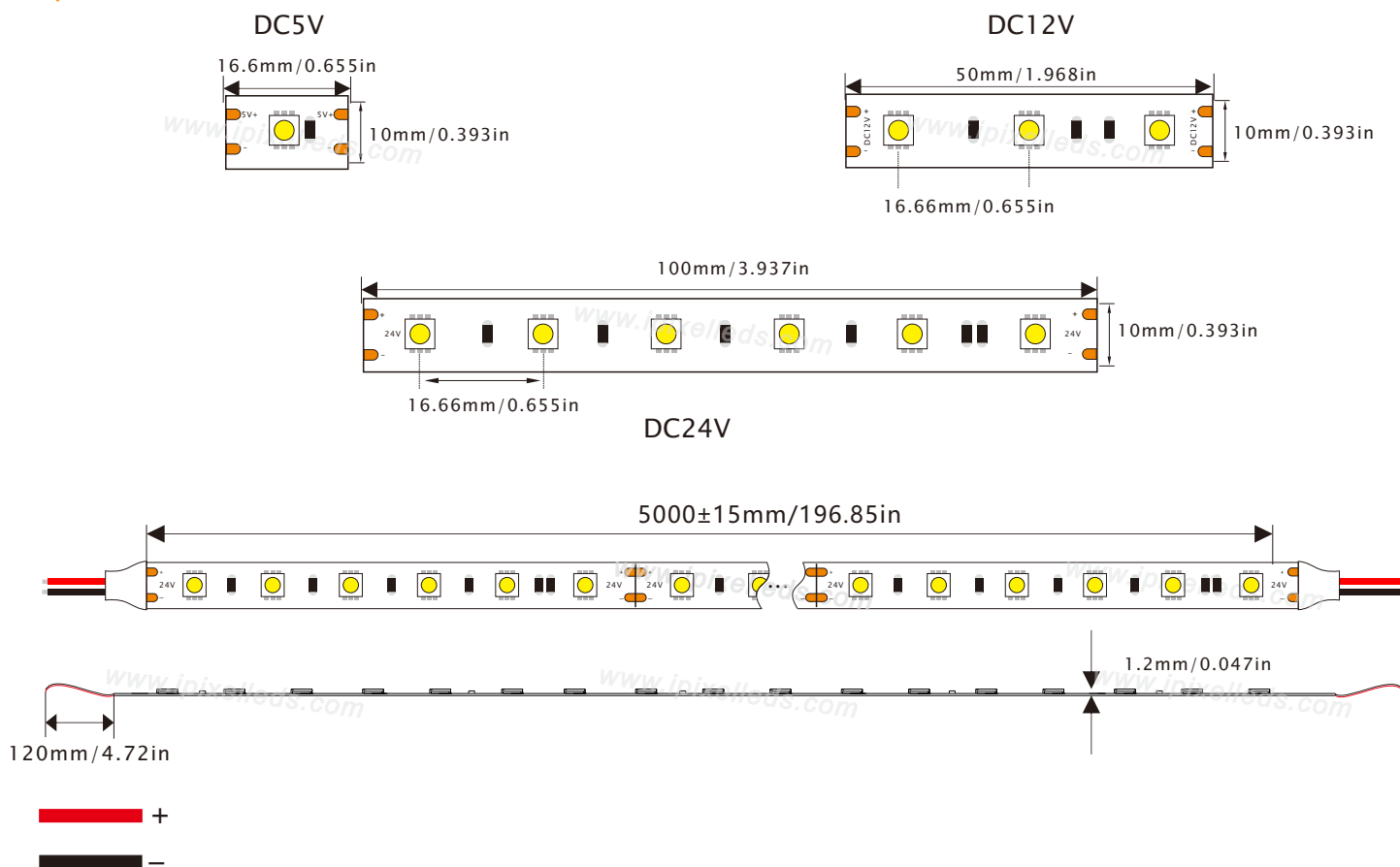
### ◆ Product Datasheet

| Product Number        | S010060CA1LZ        | S010060CB1LZ        | S010060CC1LZ        |
|-----------------------|---------------------|---------------------|---------------------|
| Operating Voltage     | DC5V                | DC12V               | DC24V               |
| Power/m               | 12W                 | 14.4W               | 14.4W               |
| SMD Type              | SMD 5050            | SMD 5050            | SMD 5050            |
| LED Qty/m             | 60                  | 60                  | 60                  |
| Cutting Length        | 16.6mm / 1 LED      | 50mm / 3 LED        | 100mm / 6 LED       |
| Color                 | W:3000K/4000K/6500K | W:3000K/4000K/6500K | W:3000K/4000K/6500K |
| Luminance/m           | W:800lm             | W:1070lm            | W:1070lm            |
| SDCM                  | <5                  | <5                  | <5                  |
| Ra                    | 90                  | 90                  | 90                  |
| Beam Angle            | 120°                | 120°                | 120°                |
| Size (mm)             | 5000x10mm           | 5000x10mm           | 5000x10mm           |
| IP Rating             | IP20/IP64/IP65/IP67 | IP20/IP64/IP65/IP67 | IP20/IP64/IP65/IP67 |
| Operation Temperature | - 25 ~ 60°C         | - 25 ~ 60°C         | - 25 ~ 60°C         |

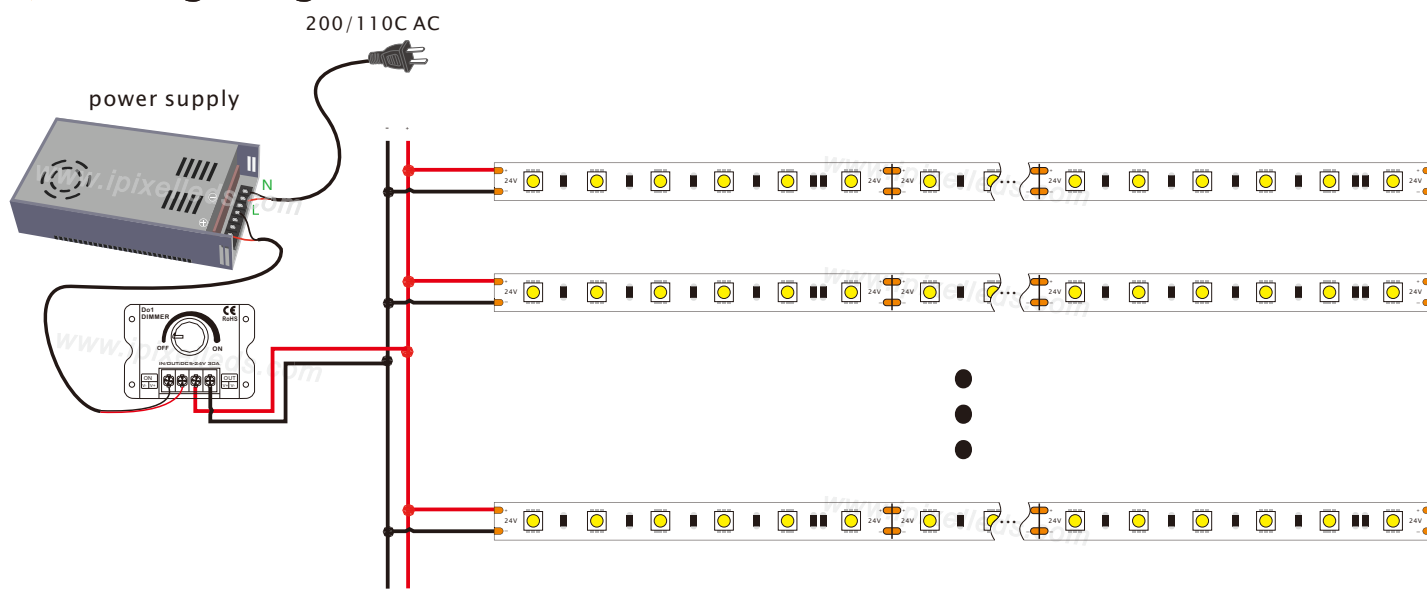
#### Remarks:

- 1.The above parameters were tested according to integrating sphere TM-30-15.
- 2.The output data is based on IP20 and one merter.
- 3.The data such as power etc,  $\pm 15\%$  tolerance is normal.
- 4.IP protection process causes changes in size, CCT and luminous flux.

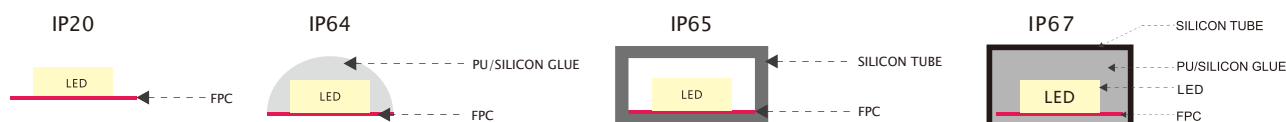
## Outline Dimension (unit:mm)



## Wiring diagram

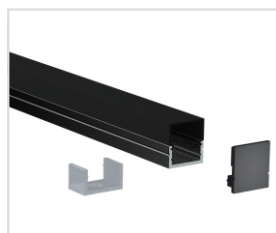


## IP Rating





Power supply  
LRS-350-05  
LRS-350-12  
LRS-350-24

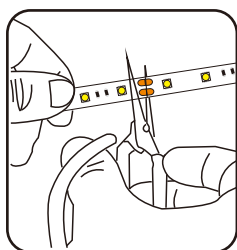


Alum profile  
LL2016B

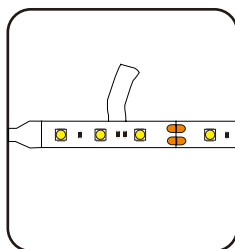


RF dimmer  
D01

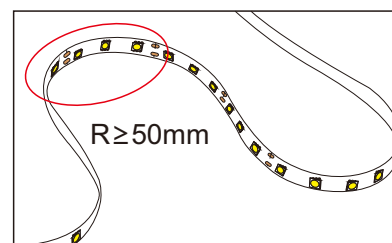
## ◆ Correct installation method:



Can be cut

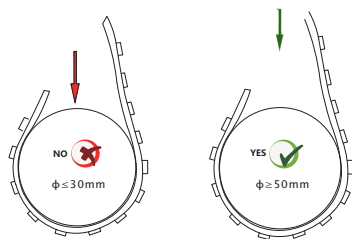


Don't peel all 3M tape at once.

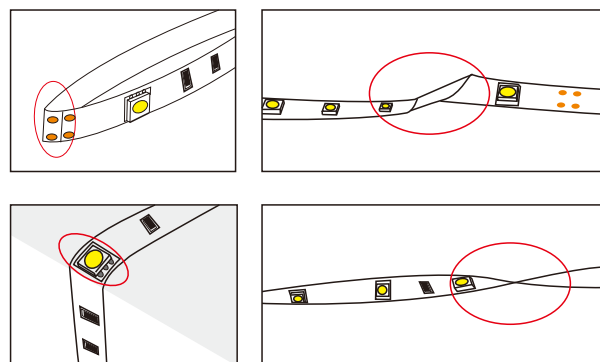


Bend(Right)

## ◆ Error installation method:



Bending diameter > 50mm

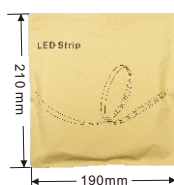


Distortion(Wrong)

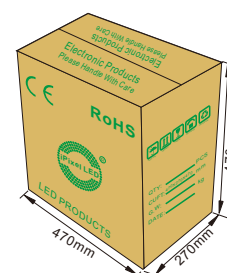
## ◆ Product packaging



Reel



Antistatic bag



Note: The parameters are subject to change without notice!

A1.24-05-06