

## Features:

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- ◆ Model NO.:PL-XL2316-C190
- ◆ Light source: 120pcs/m SMD2835
- ◆ Material: Aluminum profile and PC cover
- ◆ Input voltage: DC 12V
- ◆ RA>80
- ◆ Lifespan: 30,000 hours
- ◆ Easy Installation,Cutttable
- ◆ IP Rate:IP67

## Application:

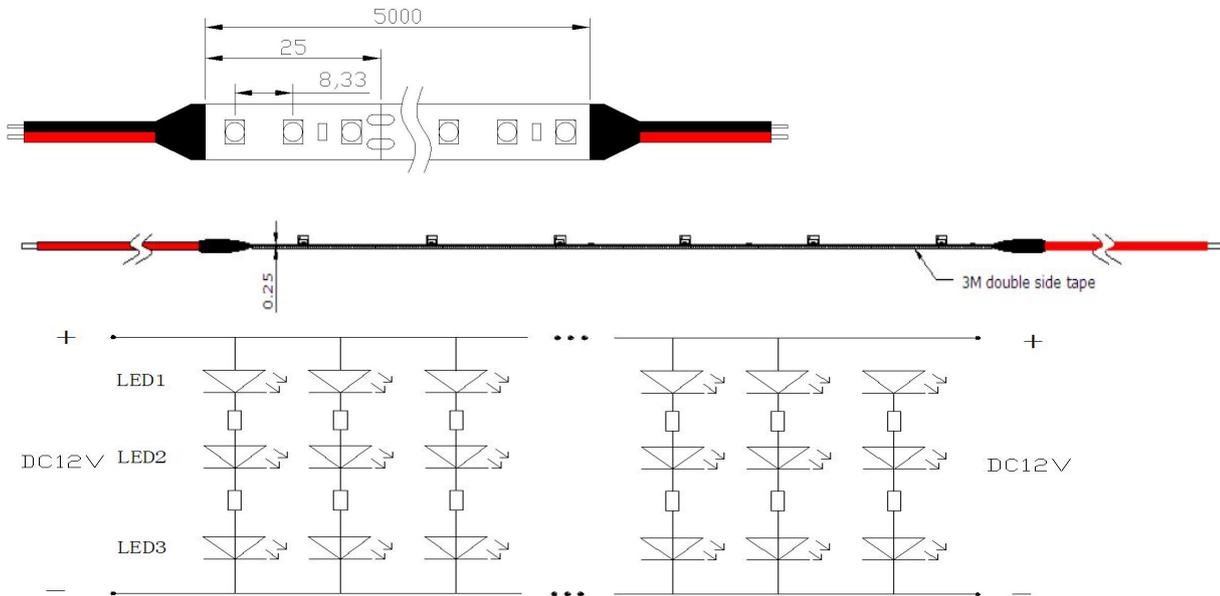
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- ◆ Cove lighting. Architectural lights for canopy, corridor, Archway.
- ◆ Backlight or edge lighting for signage, DIY lights for home use.
- ◆ Path and contour marking.
- ◆ Decorative lights for holiday, event, show, exhibition.

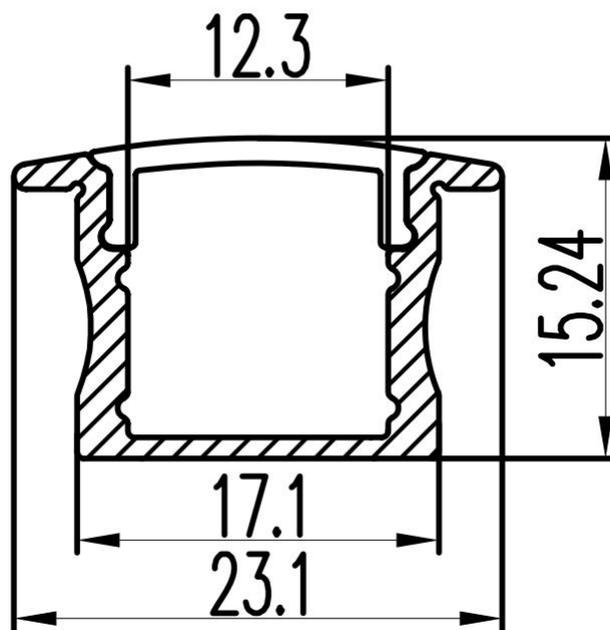


## Dimension & Circuit drawings Of Flexible strip light (unit: mm):

DC 12V



## Drawing Of the aluminum Profile (unit: mm):

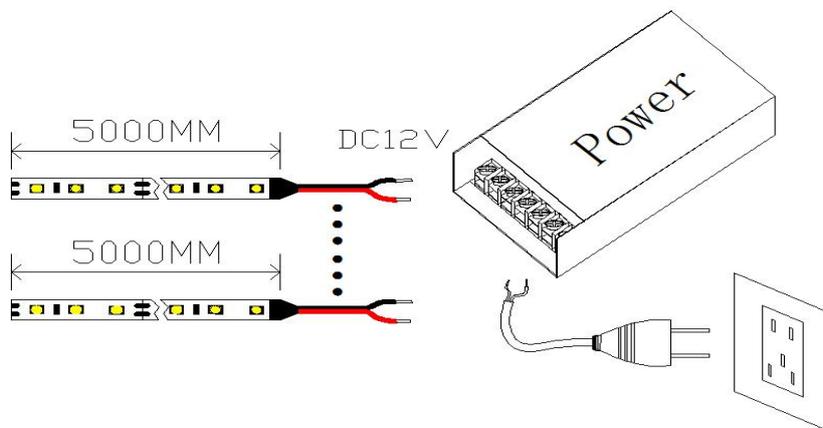


## Electrical Parameter:

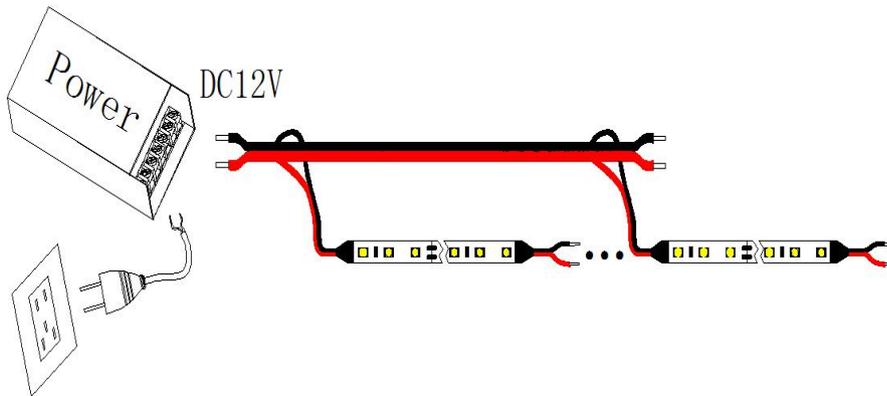
Product Size(mm)	1895*23* 16
LED Quantity(per meter)	120 PCS
LED Type	2835 SMD LED
Input Voltage	12V DC
Current(Amps/m)	1.08
Min Cuttable Length(mm)	25
Beam Angle	120°
Max. Power Consumption(W/meter)	25W/pcs
Operating Temperature	-25° C ~ +45° C
Storage Temperature	-30° C ~ +80° C
Net Weight(kg)	0.2
Estimated Life	30,000 hrs
Certifications	RoHs & CE

## Linking operation:

1. The maximum length in series is 5 meters when led strip is DC 12V.

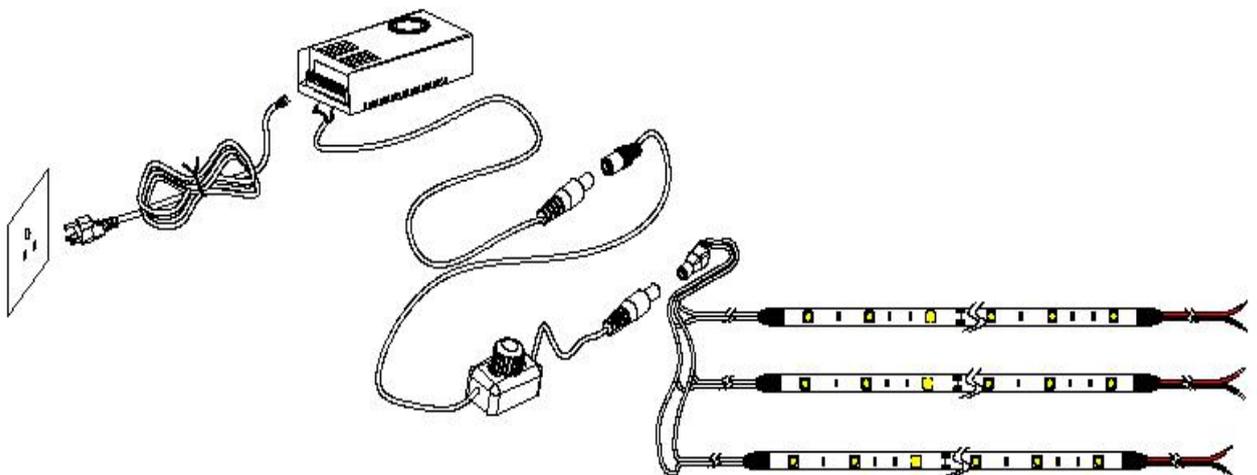


2. Parallel connection is highly recommended as safe electrical operation mode.

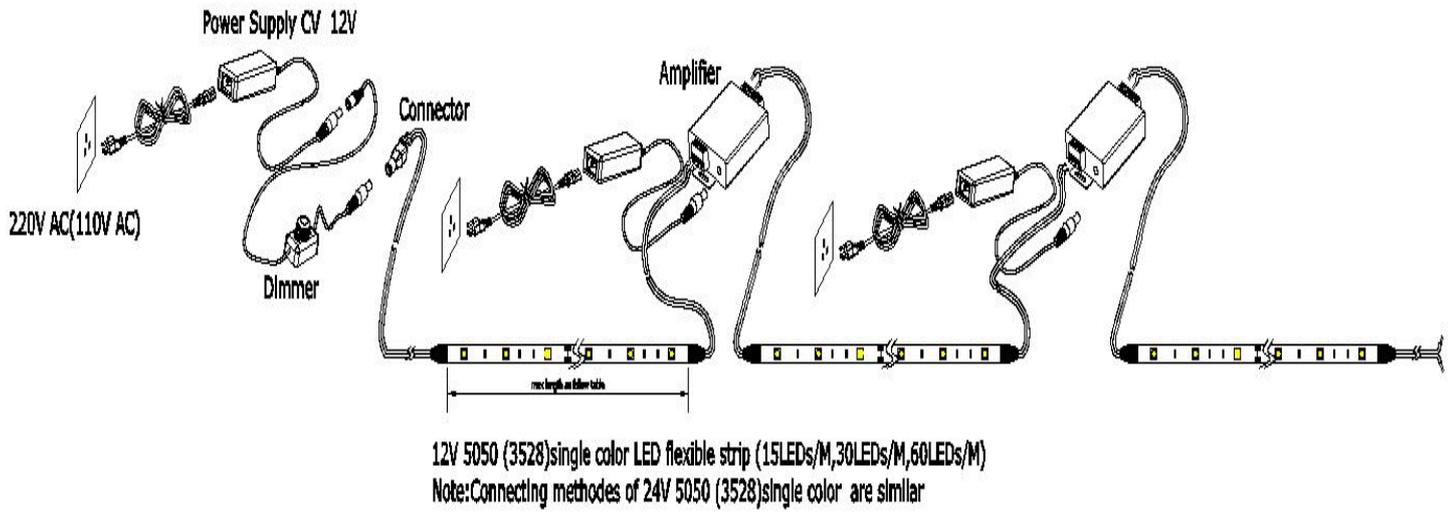


3. How do we use one dimmer to controller many led strips?

A. When the wattage of led strip is lower than the max wattage of dimmer



B. When the wattage of led strip is higher than the max wattage of dimmer, LED amplifier could help us.



## Packing information:

Carton size	QTY/Carton	N.W	G.W
2120*220*230mm	25pcs	24Kg	26.0Kg

## Safety Information:

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- The strip itself and all its components could not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED strip (with transformer) must conform to all applicable electrical and safety standards, and must be operated by the qualified personnel.
- Please observe correct electrical polarity before connection. Wrong polarity may destroy the strip.
- The max. length could not be over 5 meters when DC 12V if you want serial connection. If length is over 5 meters, you could see unbalanced voltage drop which can cause hazardous overload and damage the strip.
- Please ensure that the transformer could bear the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the strip.
- Strips must be installed in a suitable environment. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.

## Potato Lighting Limited Warranty:

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Potato Lighting warrants this product against defects in material or workmanship for a period of two years from the date of purchase. If this Product is determined to be defective, we will repair or replace the Product, at its option. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone than a facility authorized by Lightingman to service the Product.

Repair or replacement as provided under this warranty is the exclusive remedy of the customer. Lightingman shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this Product except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose on this Product is limited in duration to the duration of this limited warranty.

Only Potato Lighting may change, amend or modify the terms of this Limited Warranty and any such change, amendment or modification shall be in writing and issued by Lightingman . To obtain warranty service and shipping information, please mail to [sales@lightingmanled](mailto:sales@lightingmanled). You must provide proof of purchase in the form of a bill of sale or receipted invoice which is evidence that product is within the warranty period to obtain warranty service. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties provision outlined in this document.

Last, please note the working time of led strip in everyday. It could not continue to work over 12 hours, otherwise this warranty rules will not apply. When you would like to do as that, you could discuss it with us, we will provide specific solution for you.