APPLED ELECTRONICS ENTERPRISES CORPORATION

TEL: (02) 2545881 / 6224308 FAX: (02) 2545881 MOBILE: (0917) 8878378 / (0922) 8878374

STALL NO. 2M-15 168 MALL SOLER ST., BINONDO, MANILA, PHILIPPINES 1006

URL: WWW.LED.PH EMAIL: APPLED888@YAHOO.COM.PH

5050 LED Soft Strip

Parameter:

- **Type: APP-SJ5050**
- **Light source: 5050 SMD LED**
- **LED Qty: 30/60PCS/M**
- **Work voltage: 12/24V**
- **LED Work Current: 306-342mA**
- **Power factor(PF): >0.9**
- **No UV or IR light radiation**
- **View angle: 120°**
- **Color instruction: >80**
- **Color: White, Warm white, Red, Green, Blue, Yellow, Pink**
- **Life time: >50,000 hrs**
- **Operating Temperature: -20℃~+45℃**
- **Storage Temperature: -40℃~+80℃**
- **Luminance decrease: keep lighting 1000hours decrease1%**
- **IP grade: IP65(Epoxy), IP67(bolster, Fact)**
- **CE certification**
- **Min.bend angle: 4°**
- **Max. pull: 1.5kg**
- **Width: 10mm**
- **Package: 5meters /Rell**

Typical Applications:

- **Path& contour marking**
- **Legend backlighting**
- **Illuminated signs**
- **Mood and special light**

Color	Luminous Intensity	wavelengh	Forward Voltage	Test Condition
RED	300(mcd)	620-625(λ)	2.0-2.2V	If=20mA
YELLOW	250(mcd)	585-590(λ)	2.0-2.2V	
BLUE	500(mcd)	467-470(λ)	3.0-3.2V	
GREEN	900(mcd)	525-530(λ)	3.0-3.2V	
PINK	500(mcd)	-	3.0-3.2V	
WHITE	1000(mcd)	3000-6500K	3.0-3.2V	

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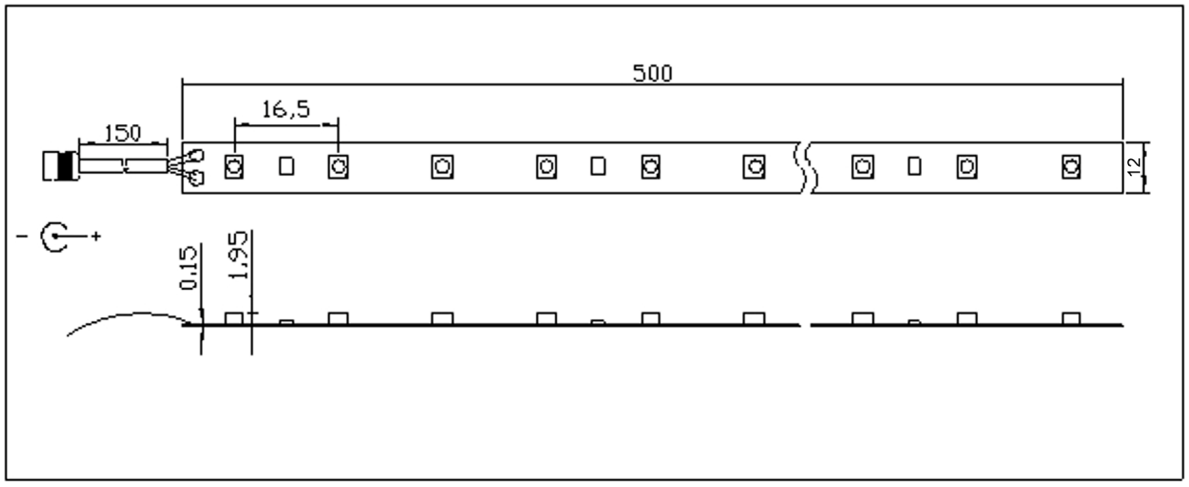
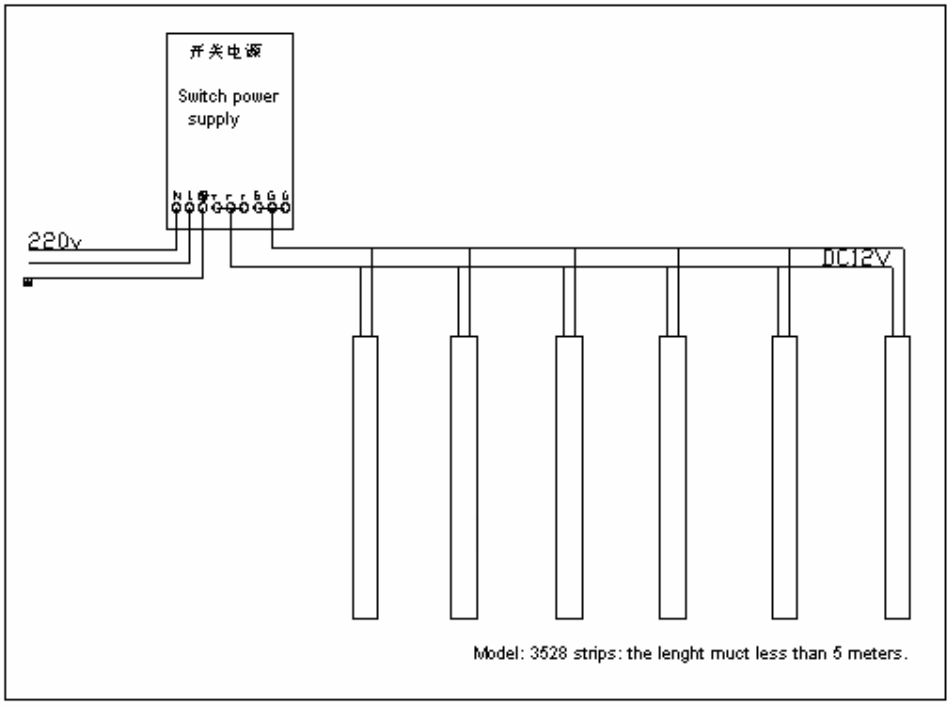
Product Dimensions:



Wiring Diagram



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The Way to Calculate the Switch Power Supply:

Eg:

If the Length is 30 meter: L=30m，It is 7.2W per meter: W1=7.2w，the Total Power for switch power supply is P, then--

P=L*W1*0.85
=30*7.2*0.85
=183.6W

We can follow this way to know the power of the switch power supply.

Instruction for use and notes:

- **Connect the wires according to the drawing.**
- **Some damage will occur when product expose to Static. User need to protect product by using static loop or glove against static.**
- **Please confirm the working voltage is DC12V before electrified.**
- **To avoid products used in humid environments.**
- **In the process of connecting, products can only take up to 5M. It needs to be connected to another circuit to the switch power supply if the length exceeds 5M.**
- **Every 3 pcs of LEDs can cut for individual use. Please base on the PCB silk-screen when cut the LED strips.**
- **On the back side, there is double sticky tape, when fix the tape, just need take off the protected paper, then stick to the position, which you want.**