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## LDM-2835-120D Low Voltage Flexible LED Strip (IP20)

- Light source: 120 pcs/m SMD2835
- Material: superior and heat-resistant 8mm PCB
- Input voltage: DC 12V or DC 24V
- RA>80
- Lifespan: 30,000 hours
- Easy installation, cuttable and joinable, Accessories complete.



### 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.

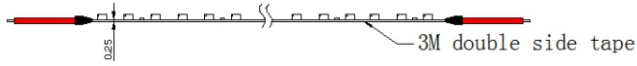
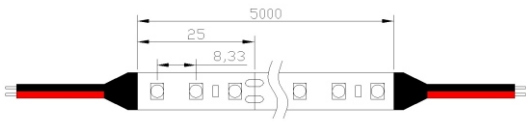


### Optical & Electrical:

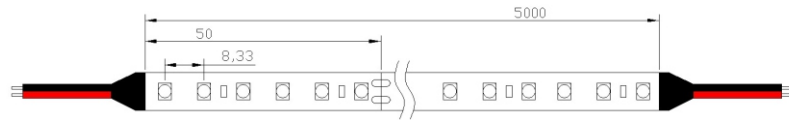
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Product Size(mm)	5000*8*0.25	5000*8*0.25
LED Quantity(per meter)	120 PCS	120 PCS
LED Type	2835 SMD LED	2835 SMD LED
Input Voltage	12V DC	24V DC
Current(Amps/m)	1.5	0.75
Min Cuttable Length(mm)	25	50
Beam Angle	120°	120°
Max. Power Consumption(W/meter)	18W	18W
Operating Temperature	-25 °C ~ +45 °C	-25 °C ~ +45 °C
Storage Temperature	-30 °C ~ +80 °C	-30 °C ~ +80 °C
Net Weight(kg)	0.2	0.2
Estimated Life	30,000 hrs	30,000 hrs
Certifications	RoHs & CE & ETL	RoHs & CE & ETL

## Dimensions:

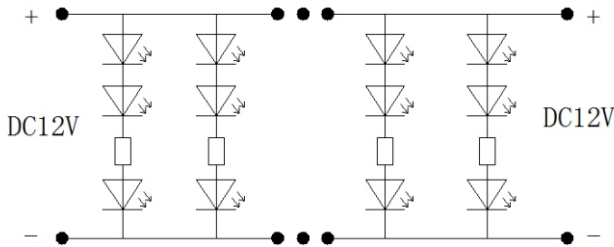


DC12V

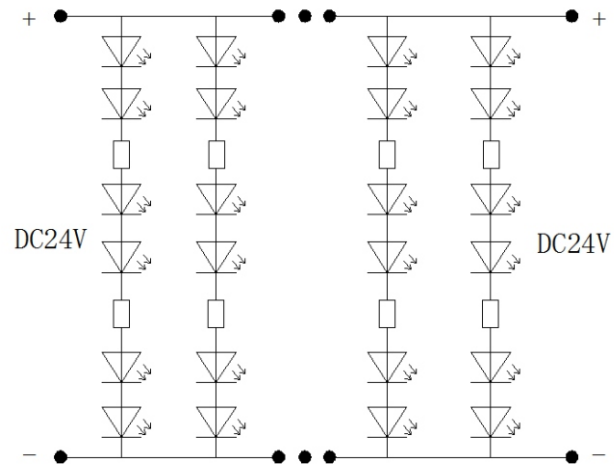


DC24V

## Electrical Principle:



DC12V



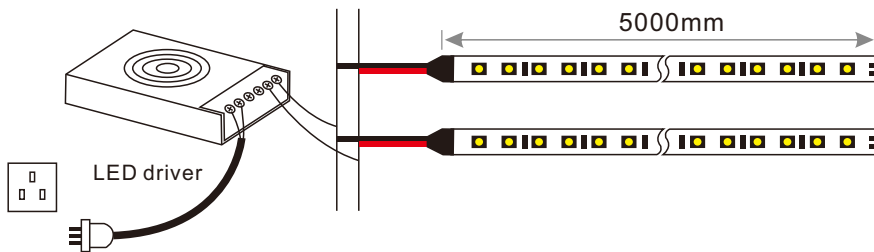
DC24V

## Optical Parameters:

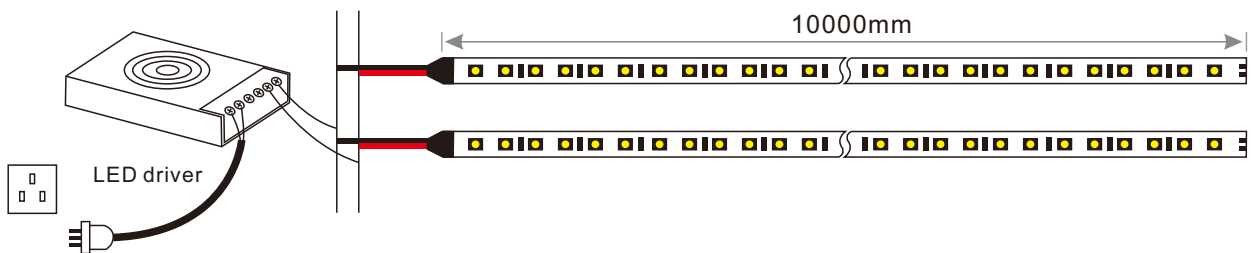
Item No.	Color	CCT	Lumen/Meter	IP Rate
LDM-2835 -120D	Warm white	2200-2400K	1300LM	IP20
		2600-2800K	1300LM	
		2800-3000K	1350LM	
		3000-3200K	1350LM	
	Natural white	4000-4500K	1440LM	
	Pure White	5000-5500K	1440LM	
Cool white	5500-6500K	1440LM		

## Linking operation:

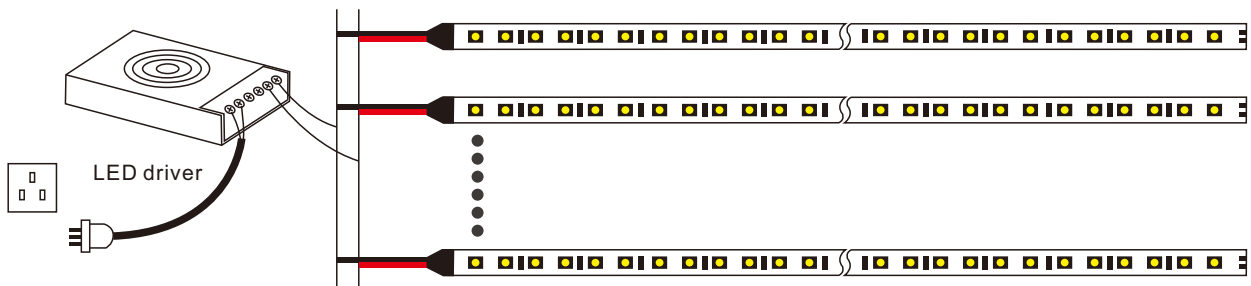
The maximum length in series is **5 meters** when led strip is DC 12V



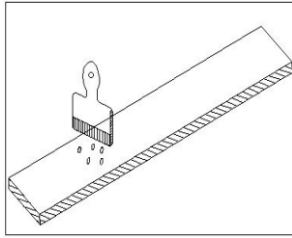
The maximum length in series is **10 meters** when led strip is DC 24V



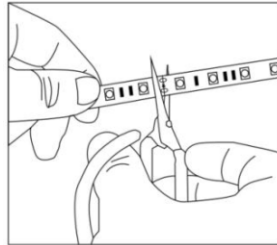
Parallel connection is highly recommended as safe electrical operation mode.



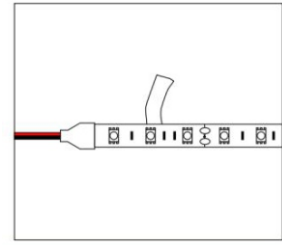
## Installation Steps:



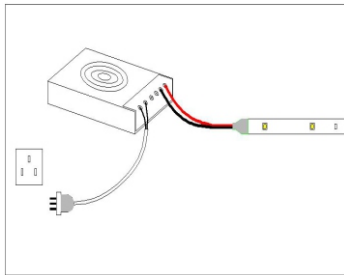
- Clean the installation surface



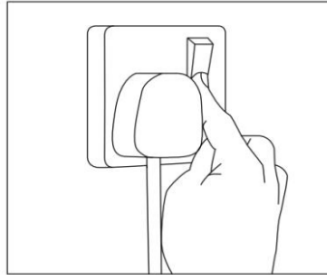
- Measure the length you need to install, cut at the nearest scissor mark line.
- For the left led strip, weld at the next scissor mark to connect with other connection wire.



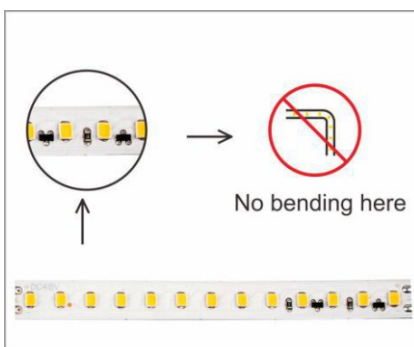
- Do not pull the whole led strip from the back release paper by one time. No press on the leds.



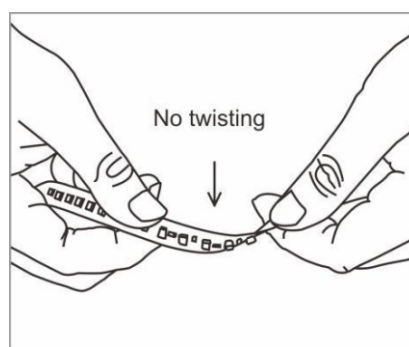
- Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
- Connect the driver input side to power-supply.



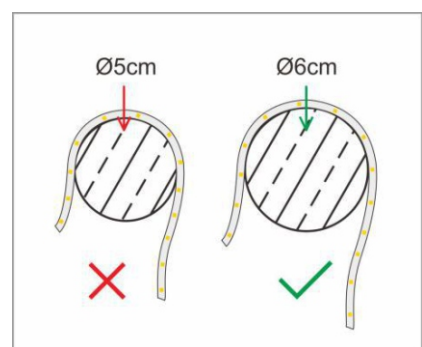
- Switch on and enjoy.



- No bending at the point of leds



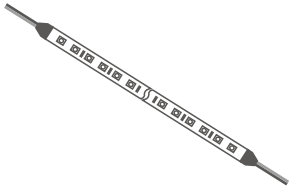
- No contortion of the led strip



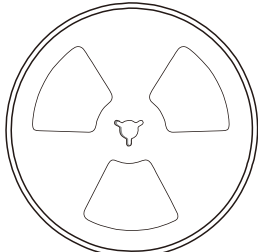
- No bending with Diameter < 6cm

# Packing information:

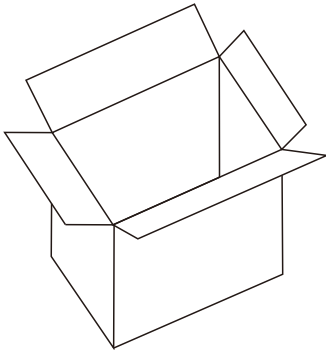
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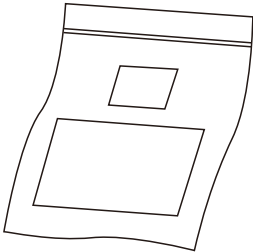
LED flexible strip  
(5M)



Reel



Inside the box  
(25 Packages)



Anti-static foil bag  
(1 PCS)