

PRODUCT DATA SHEET

**CRI** Available  
**90**

Top Series  
2835 120 LEDs/m 12W/m



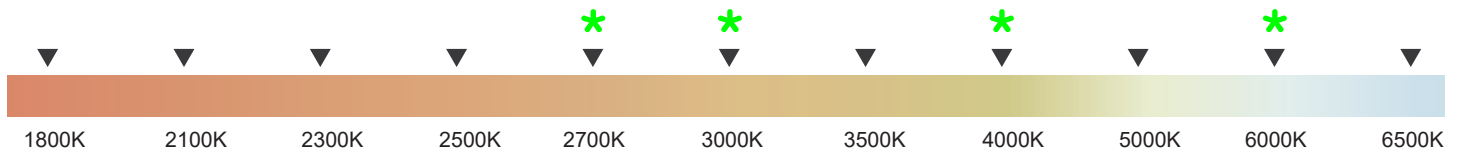
V120F12E-X



## Product Features

1. Source by high output 2835 Top Led with uniform illumination
2. High Brightness, Efficiency, Customized Wattage, Luminous Flux per M
3. Cuttable and Re-Connectable, with Various Connector
4. CRI90+ and CRI98+ are available.

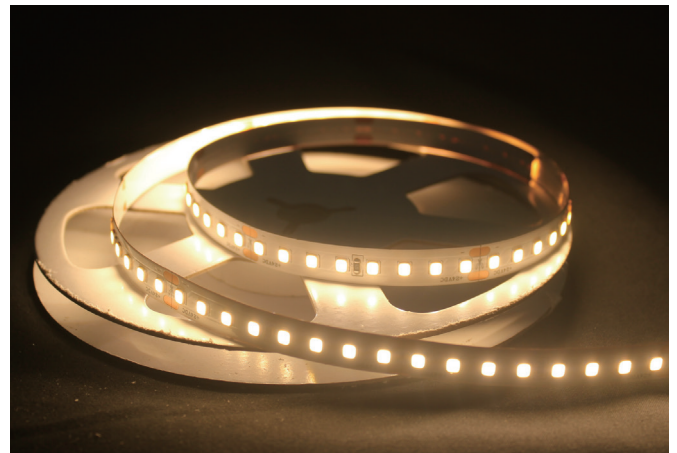
## CCT Option



\* Stock



Lighting Effect



Lighting Effect

## IP Rating Option

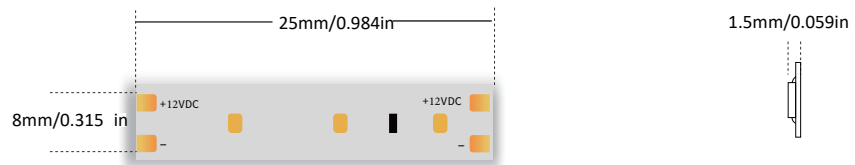


Non-Waterproof



Silicone Extrusion

## Dimension (mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/196.85in	8mm/0.315in	1.5mm/0.059in	8.33mm/0.328in	25mm/0.984in(3 LEDs)

### Note:

LED strip length tolerance is  $\pm 0.2\%$ mm.  
 Width tolerance is  $\pm 0.2\%$ mm.


**Data**

Part Number	Working Voltage	Power	Current	LED Qty	CRI
V120F12E-X / V120F12I-X V120F24E-X / V120F24I-X	12V/24V	12W/m	1A/m	120LED/m	90+
		3.66W/ft	0.305A/ft	≈37LEDs/ft	

X=27,30,40,60

CCT (°K)	Luminous Efficiency	lumen	
2700K	100lm/W	1200lm/m	366lm/ft
3000K	100lm/W	1200lm/m	366lm/ft
4000K	105lm/W	1260lm/m	384lm/ft
6000K	105lm/W	1260lm/m	384lm/ft

### Note:

The data base on IP20 non-waterproof.  
 The Lumen output value tolerance  $\pm 5\%$  due to testing way.  
 The CCT will be  $\pm 150\text{K}$  tolerance.

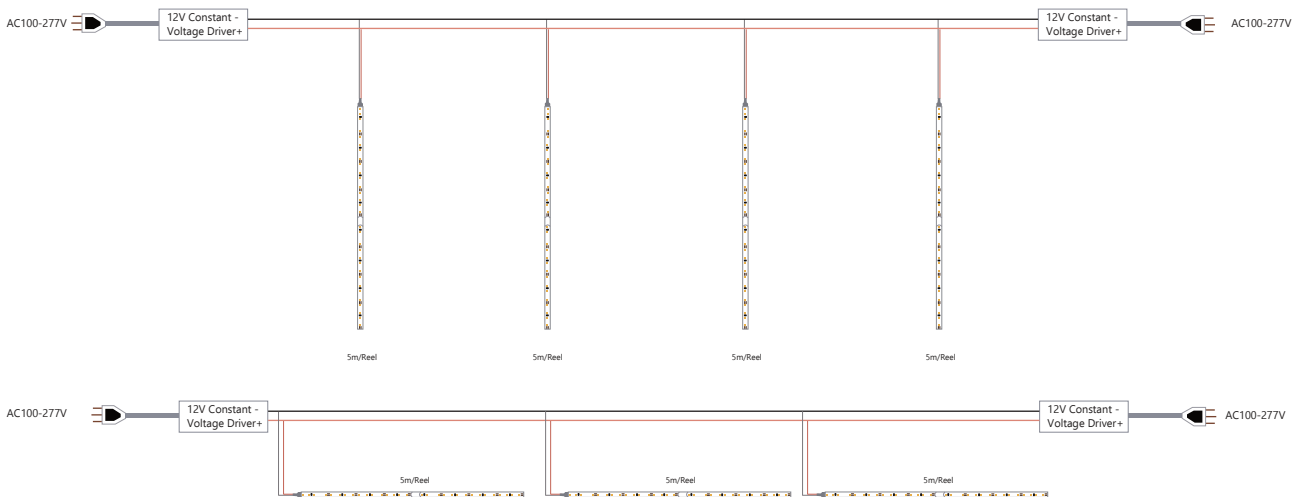


## Absolute Maximum Ratings

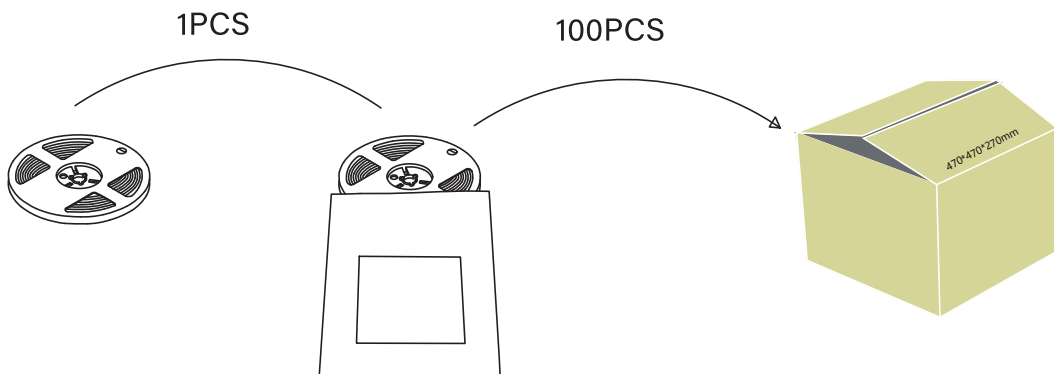
Parameter	Symbol	Value
Thermal Measurement Point	Tc	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+60°C/-68~140°F
Number of FPC Connection		



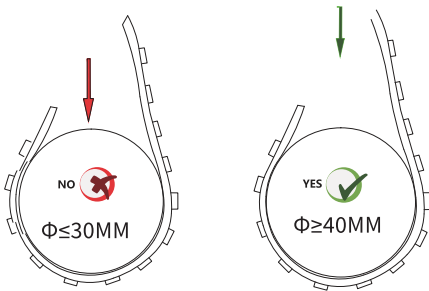
## Wiring Diagram Application



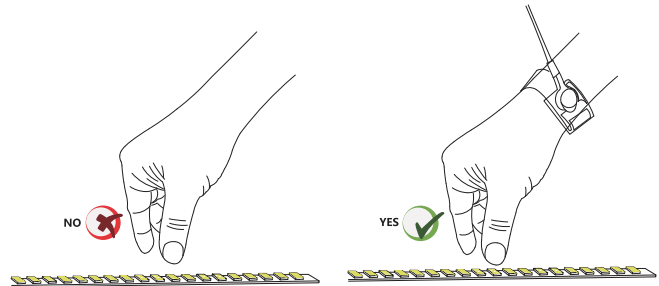

## Packaging



## ! Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

## ✓ Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Do not install IP20 LED strip products in outdoor / wet location environments.
5. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. Improper wire selection and installation could overheat wires, and cause fire.
7. Do not connect directly to high voltage or AC power.
8. Installation must be in accordance with local and national electrical code regulations.
9. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.