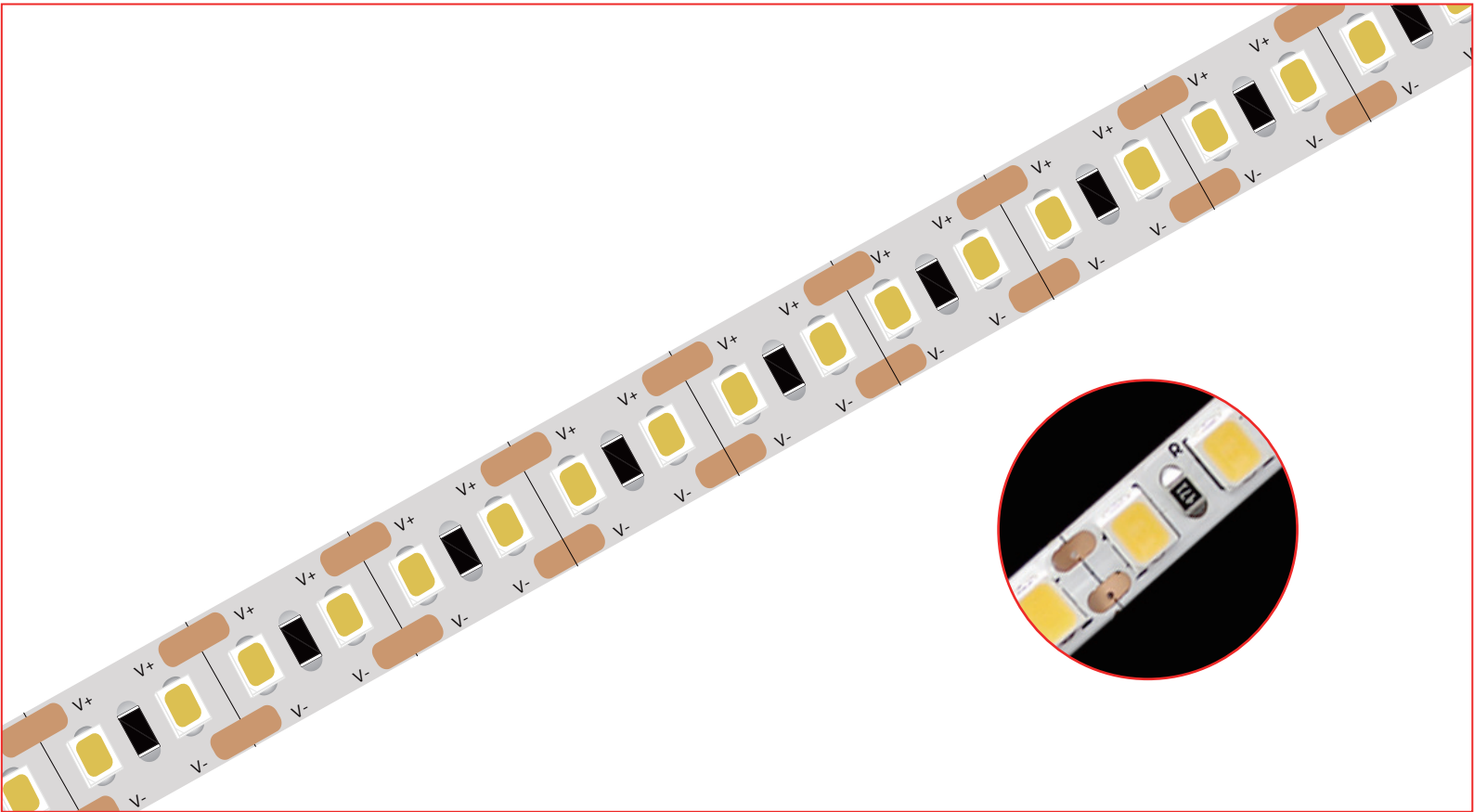


PRODUCT DATA SHEET



Mini Cuttable+High Efficiency

2835 160LEDs/m 10W/m



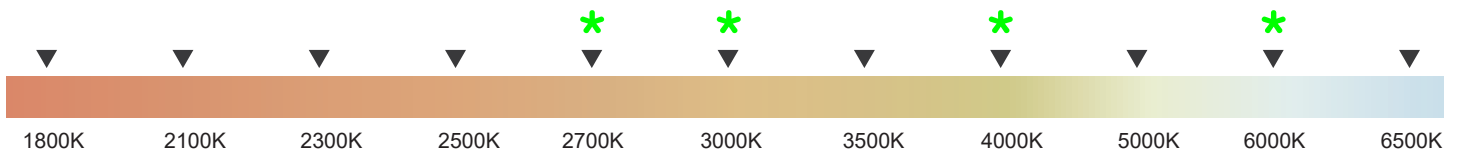
V160-FE24



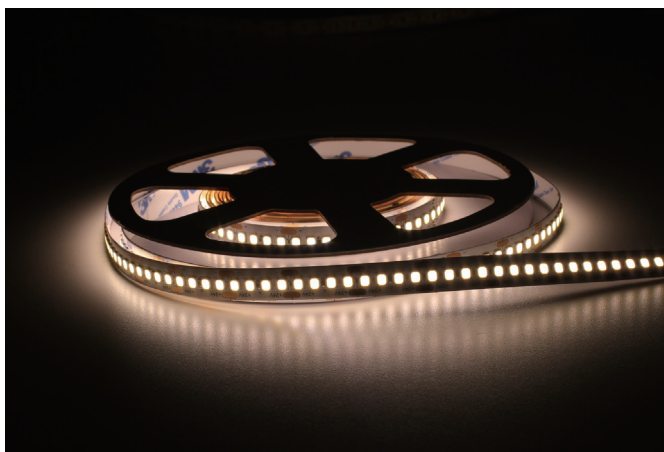
Product Features

1. ➤ 2 led per cut, only 12.5mm, ideal for DIY.
2. ➤ Pass (EU) 2019/2020 regulation, Eco design compliant.
3. ➤ Apply high efficiency solution, available to get to C rank.
4. ➤ Mini cutting design, suitable for cutting in various length.
5. ➤ Ideal for office, residential, retail and industry lighting.
6. ➤ Warranty: 3 years.

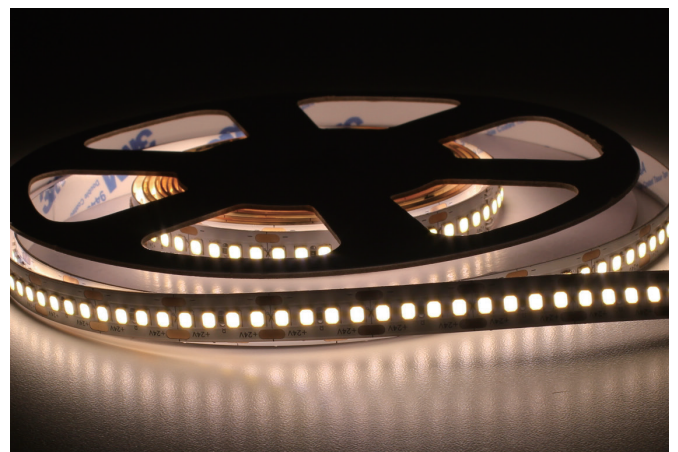
CCT Option



* Stock

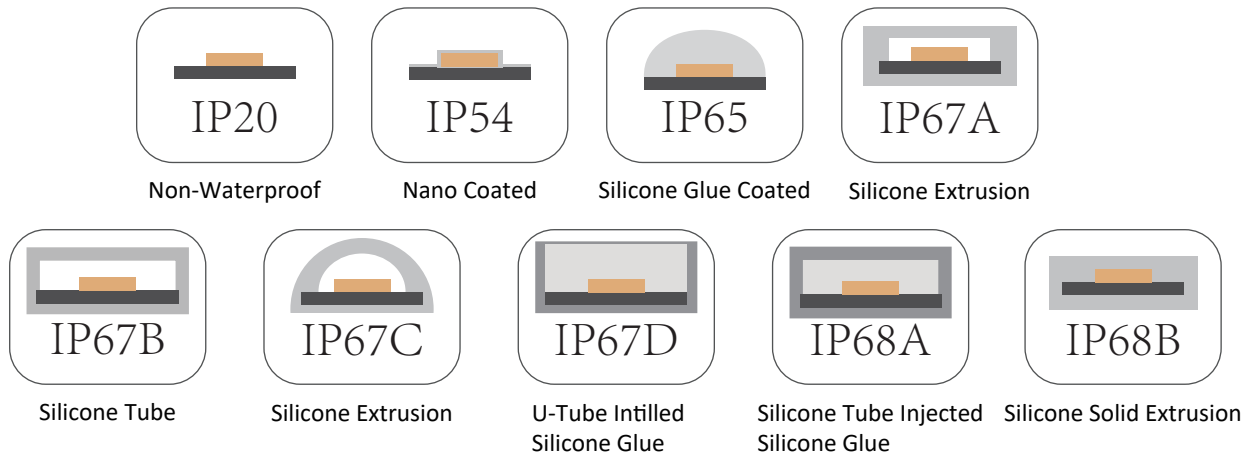


Lighting Effect

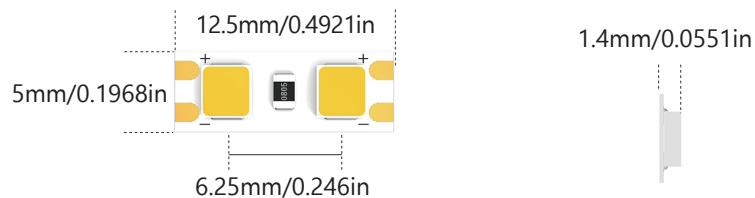



Lighting Effect

IP Rating Option



Dimension mm/inch



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	5mm/0.1968in 10mm/0.3937in	1.4mm/0.0551in	6.25mm/0.246in	Every 12.5mm/0.4921in (2LEDs)

Note:

LED strip length tolerance is + -0.2%mm.
Width tolerance is + -0.2%mm.


Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
V160-FE24I-X	24V	10W/m	0.417A/m	160LEDs/M	80+
		3.05W/ft	0.127A/ft	≈49LEDs/ft	

X=27,30,40,60

CCT (°K)	Luminous Efficiency	lumen	
2700K	169lm/W	1855lm/m	565 lm/ft
3000K	169lm/W	1855lm/m	565 lm/ft
4000K	178lm/W	1950lm/m	594 lm/ft
6000K	178m/W	1950lm/m	594 lm/ft
Other options Red	/	/	/
Green	/	/	/
Blue	/	/	/

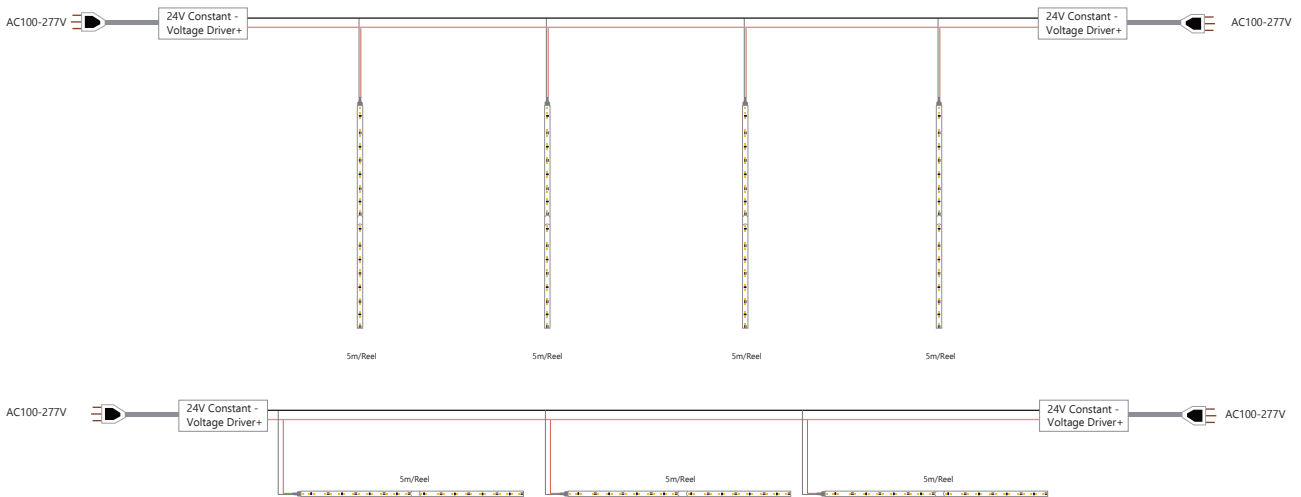
Note:

The data base on IP20 non-waterproof.
 The Lumen output value tolerance + -5% due to testing way.
 The CCT will be + -100k tolerance.

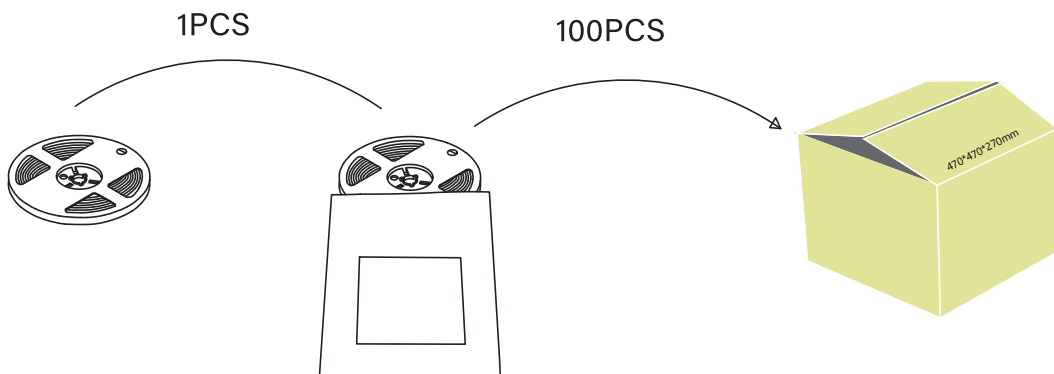
Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+60°C/-68~140°F
Number of FPC Connection		

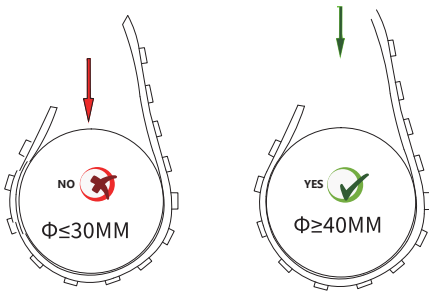
Wiring Diagram Application



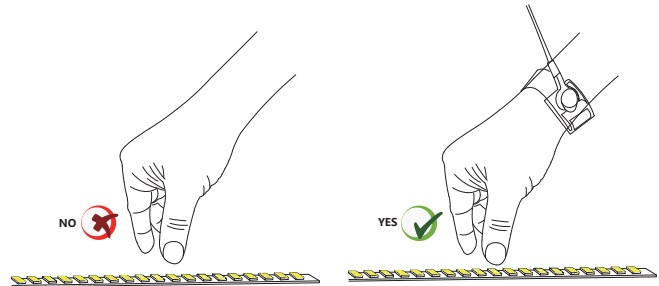
Packaging



! 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.