

PRODUCT DATA SHEET

CRI Available
80/90/98

120
lm/W

150
lm/W

Top Series
2835 160 LEDs/m 14.4W/m



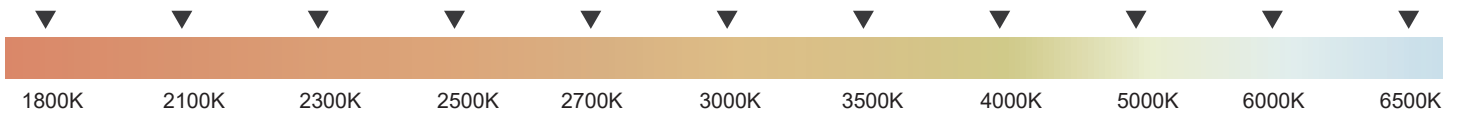
V160-F24



Product Features

1. Pass (EU) 2019/2020 regulation, Eco design conformed.
2. Color temperature between 1800-10000K is optional.
3. Standard CRI80+; 90+, 95+ optional.
4. Operate longer life and better for energy saving.
5. Warranty: 3 years.

CCT Option

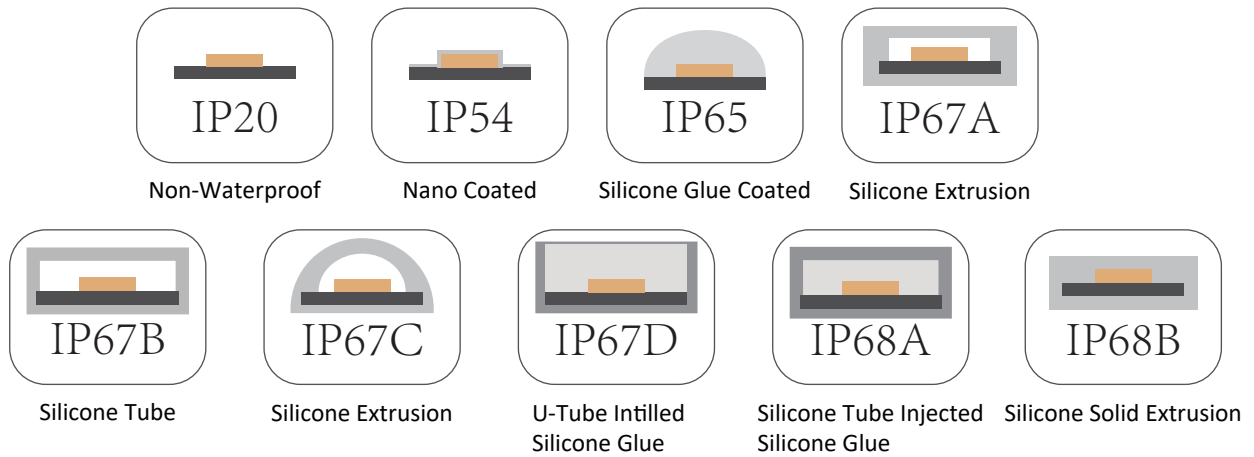


Lighting Effect

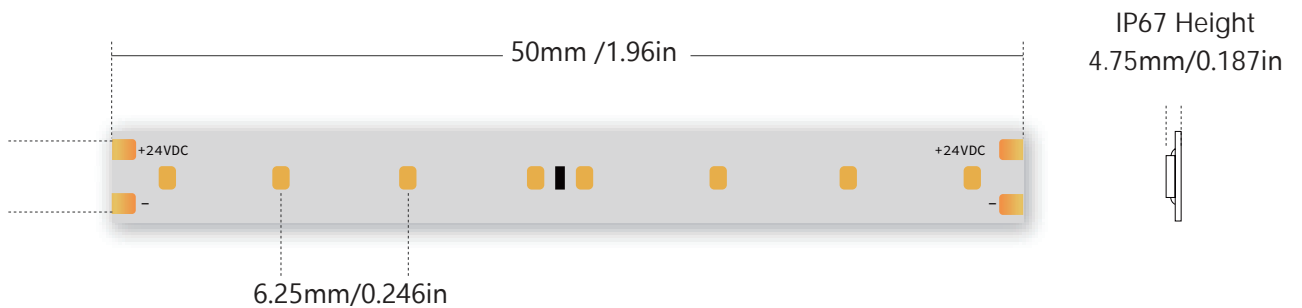


Lighting Effect

IP Rating Option



Dimension (mm/inch)



Length/Reel	IP67A Width	IP67A Height	LED Spacing	Min. Cutting ✂
5000mm/196.85in	12mm/0.472in	4.75mm/0.187in	6.25mm/0.246in	50mm/1.96in(8 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
V160-F24E-YY & V160-F24I-YY	24V	14.4W/m	0.6A/m	160LED/m	80+
		4.39W/ft	0.18A/ft	≈48LEDs/ft	

CCT (°K)		Luminous Efficiency	lumen	
CRI>80	2700K	128lm/W	1854lm/m	565lm/ft
	3000K	142lm/W	2047lm/m	623lm/ft
	4000K	150lm/W	2168lm/m	660lm/ft
	6000K	150lm/W	2168lm/m	660lm/ft

Note:

The data base on IP67A.
 The Lumen output value tolerance ±5% due to testing way.
 The CCT will be ±100K tolerance.

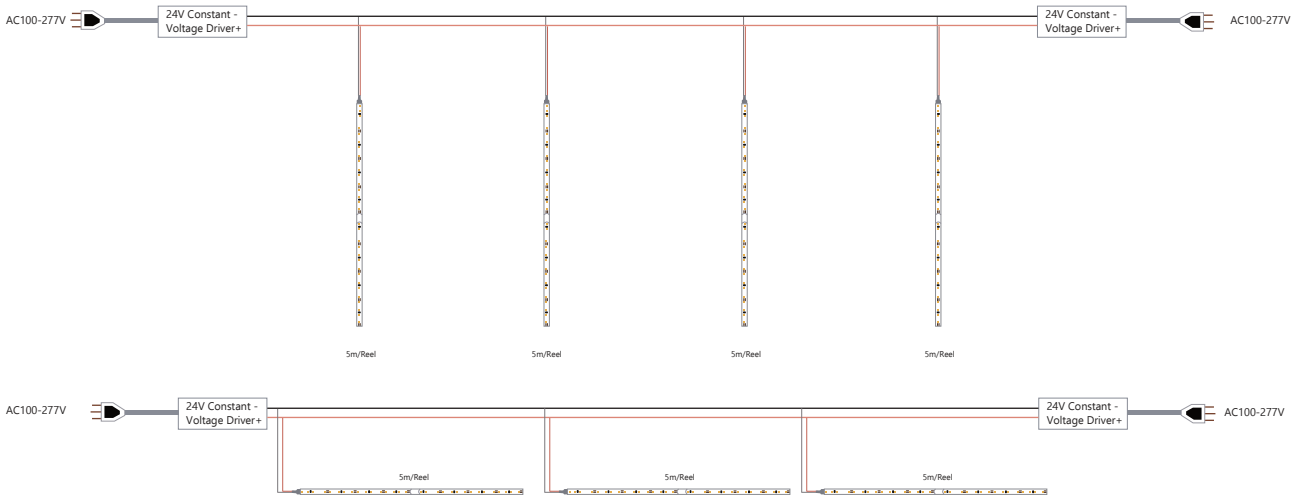


Absolute Maximum Ratings

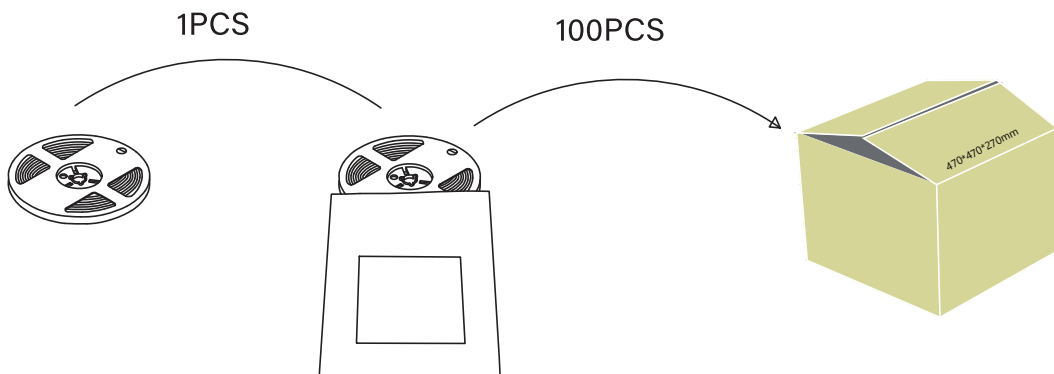
Parameter	Symbol	Value
Thermal Measurement Point	Tc	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+60°C/-68~140°F
Number of FPC Connection		



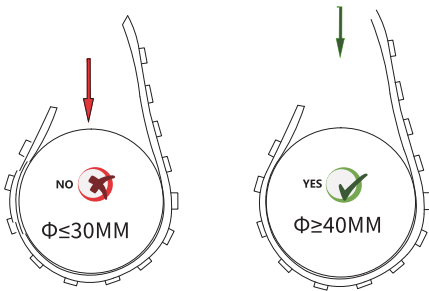
Wiring Diagram Application



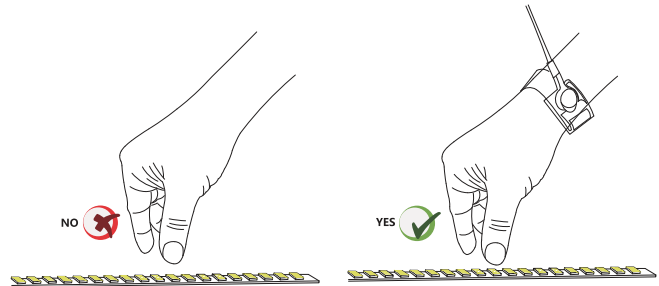

Packaging



! 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.