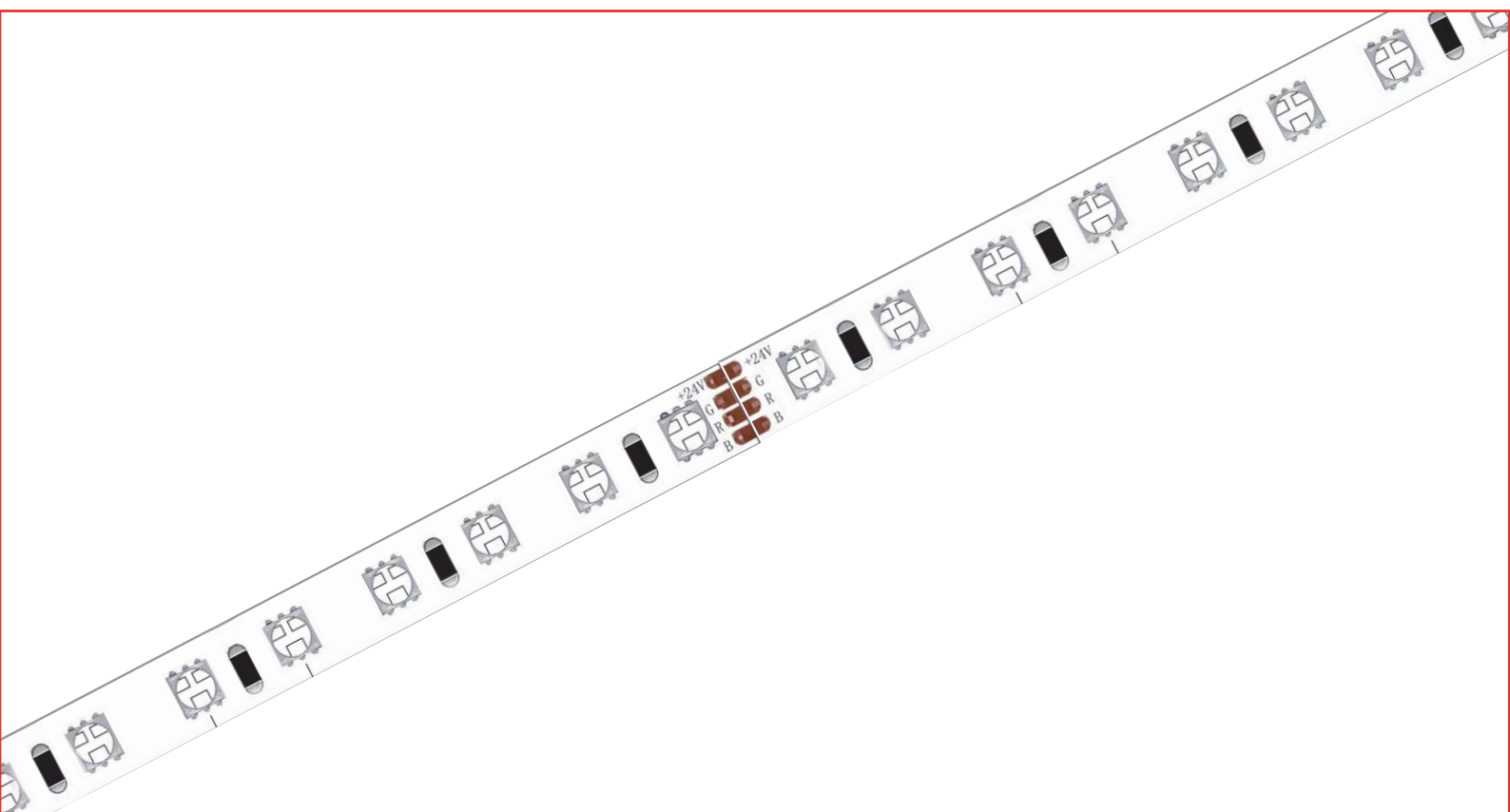


PRODUCT DATA SHEET



Multi-Color Series

RGB 3838 160LEDs/m 16W/m



RS-RGB3838-24V-160D-10-20



Product Features

1. ➤ 160leds/m, high density and widely use;
2. ➤ Apply Top 3838 LED as light source, RGB color changing;
3. ➤ Compatible with most of RGB controllers in the markets;
4. ➤ Ideal for office, residential, retail and industry lighting.
5. ➤ Warranty: 3 years.

CCT Option

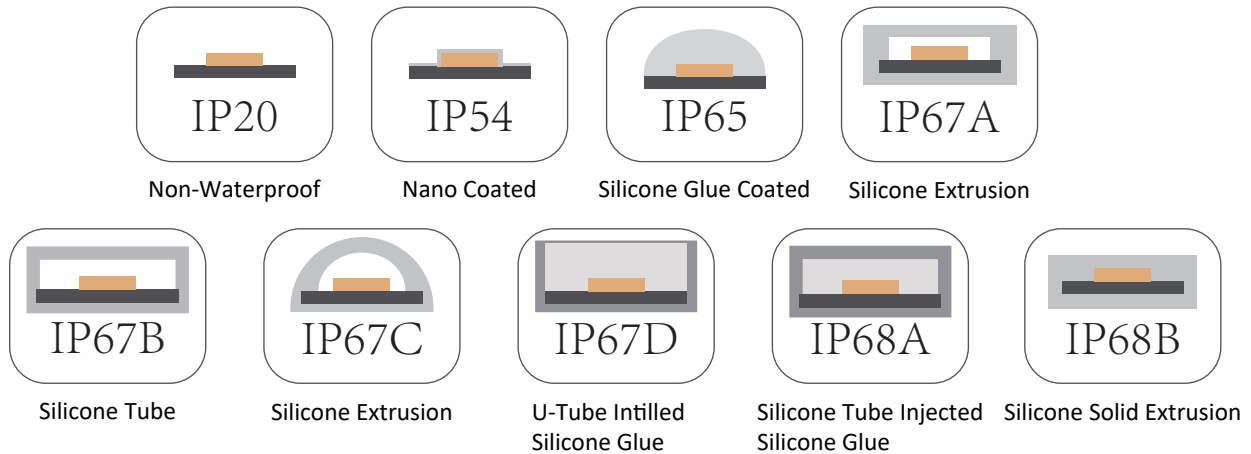


Lighting Effect

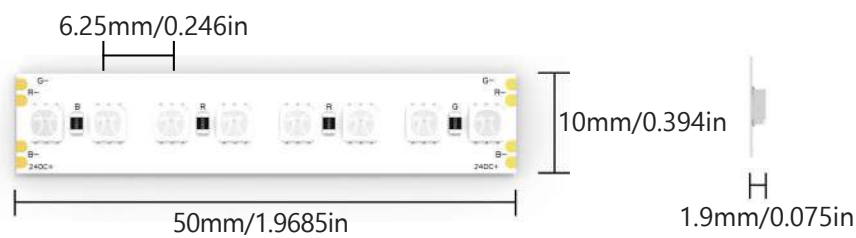


Lighting Effect

IP Rating Option



Dimension mm/inch



Length/Reel	Width	Height	LED Spacing	Min. Cutting ✂
5000mm/196.85in	10mm/0.394in	1.9mm/0.075in	6.25mm/0.246in	Every 50mm/1.9685in (8 LEDs)

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
RS-RGB3838-24V-160D-10-20	24V	16W/m	0.687A/m	160LEDs/M	/
		4.88W/ft	0.209A/ft	≈49LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	
RGB	49lm/W	780lm/m	238lm/ft

Note:

The data base on IP20 non-waterproof.

The Lumen output value tolerance + -5% due to testing way.

The CCT will be + -100k tolerance.

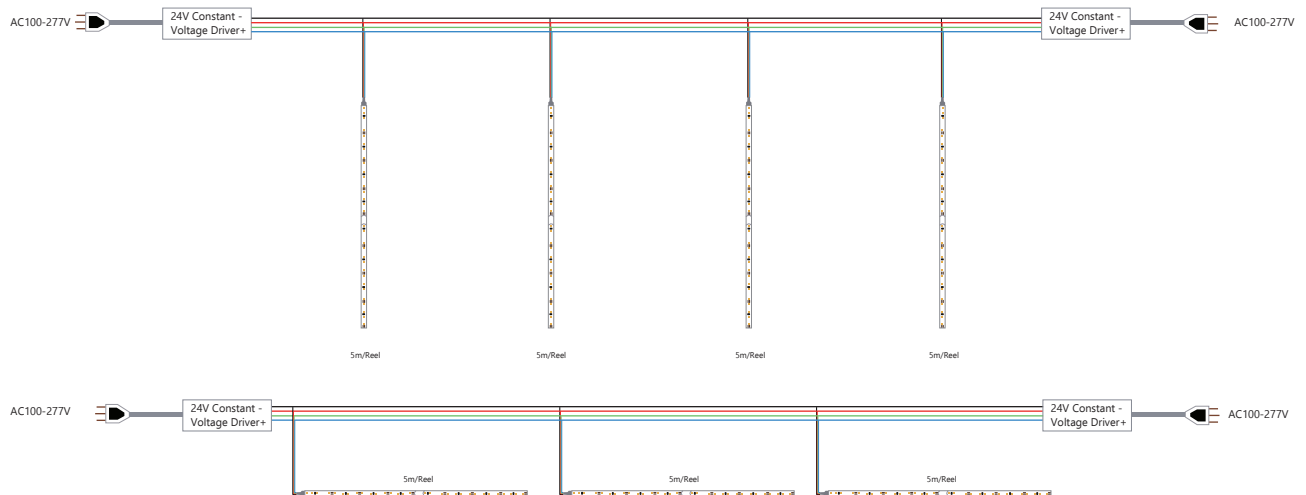


Absolute Maximum Ratings

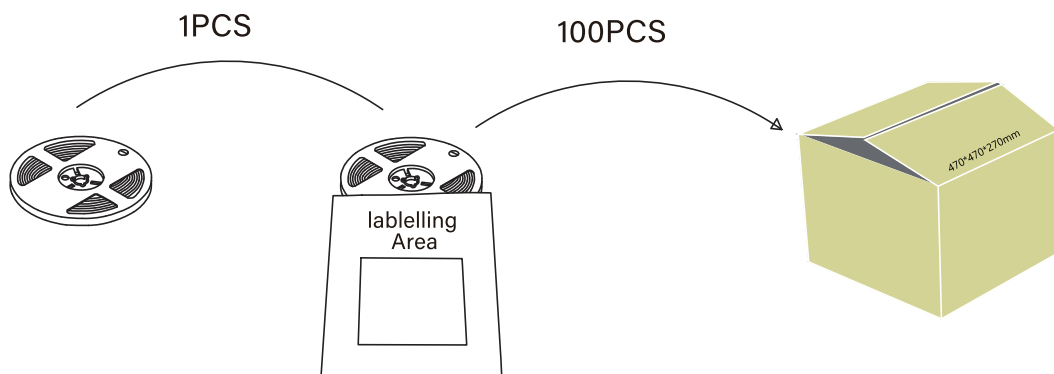
Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+60°C/-68~140°F
Number of FPC Connection		



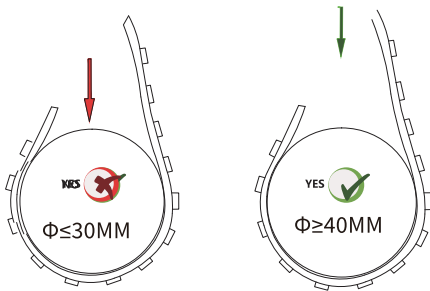
Wiring Diagram Application



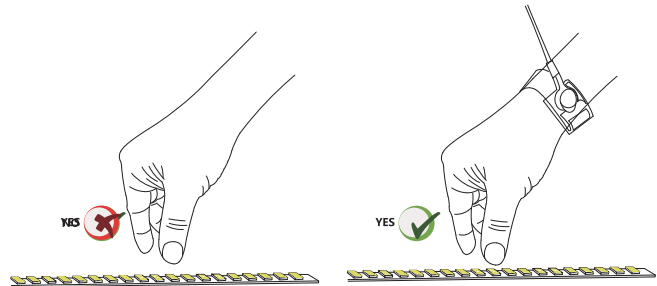
Packaging



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.