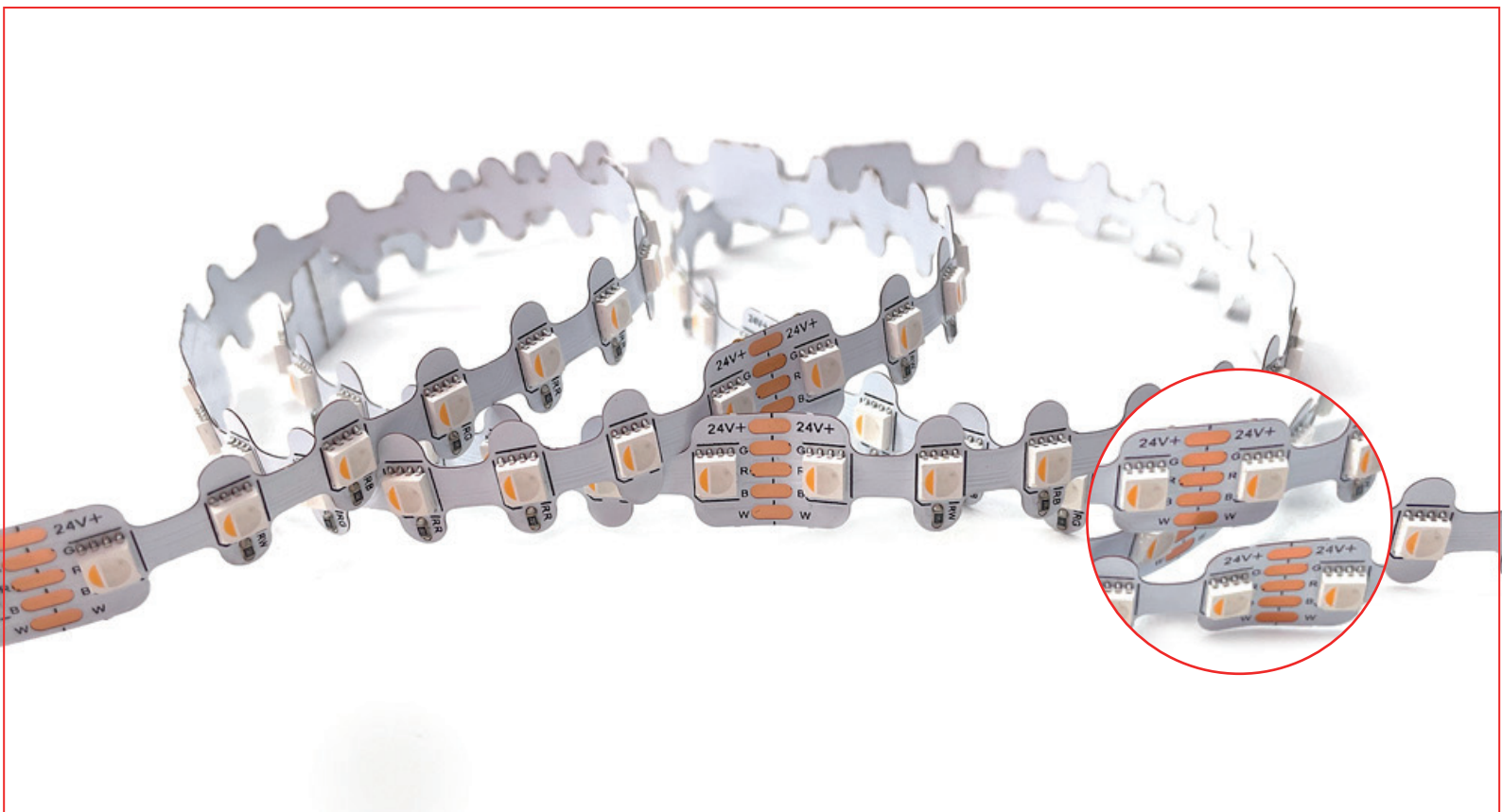


PRODUCT DATA SHEET



S-Shape Series

4040 RGBW 96LEDs/m 4.8W/m



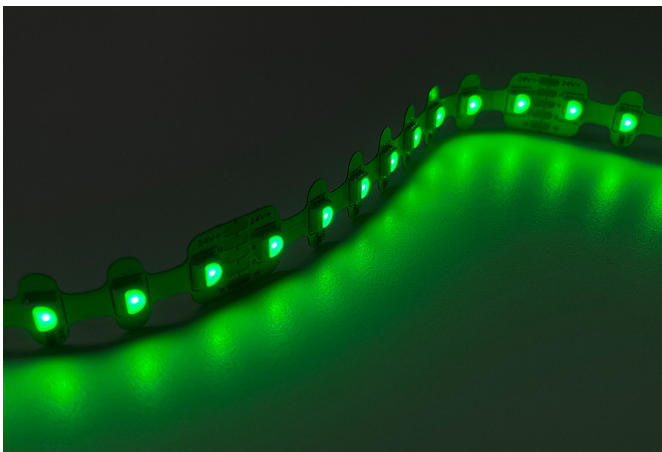
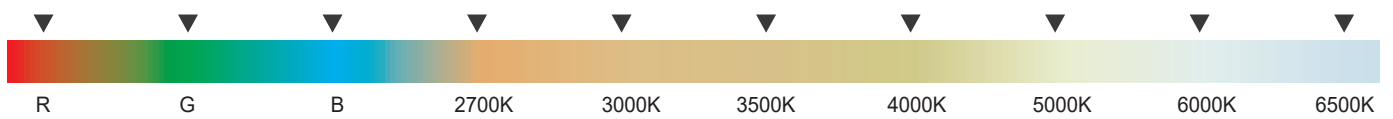
RS-S4040RGBW-24V-96D-12-20



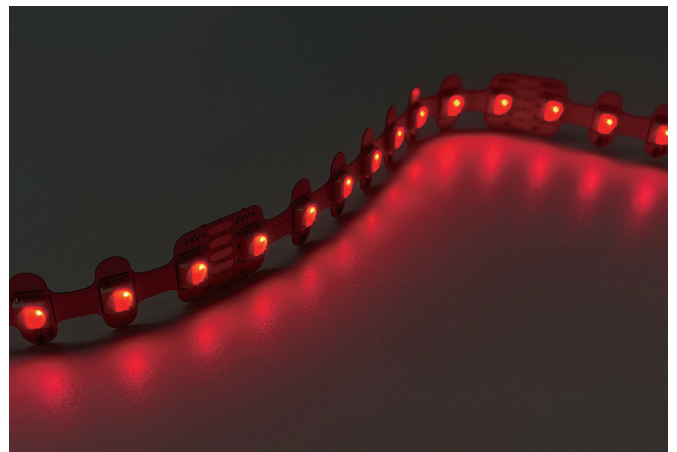
Product Features

1. Special S type PCB design, bendable in every way.
2. 8LEDs/segment, can be cut according to the printing mark.
3. Apply top 4040 RGBW LEDs, stable and high brightness.
4. Suitable use for advertising signage, text art and ballot.
5. Warranty: 3 years.

CCT Option

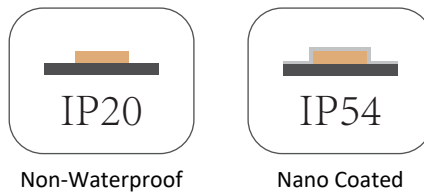


Lighting Effect

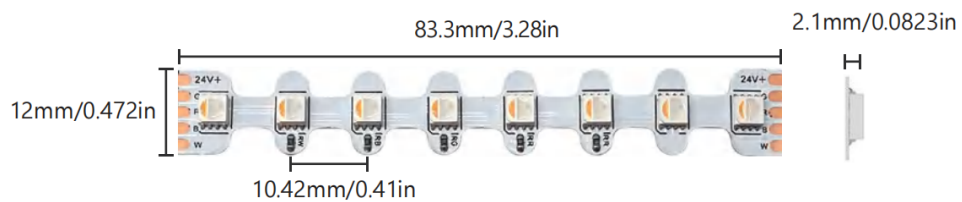



Lighting Effect

IP Rating Option



Dimension mm/inch



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	12mm/0.472in	2.1mm/0.0823in	10.42mm/0.41in	Every 83.33mm/3.2807in (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-S4040RGBW-24V-96D-12-20	24V	4.8W/m	0.2175A/m	96LEDs/M	80+
		1.46W/ft	0.066A/ft	≈29LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen/m	lumen/ft
R	37 lm/W	45 lm/m	14 lm/ft
G	158 lm/W	220 lm/m	67 lm/ft
B	30 lm/W	45 lm/m	14 lm/ft
W(2700K CRI>80)	95 lm/W	100 lm/m	30 lm/ft

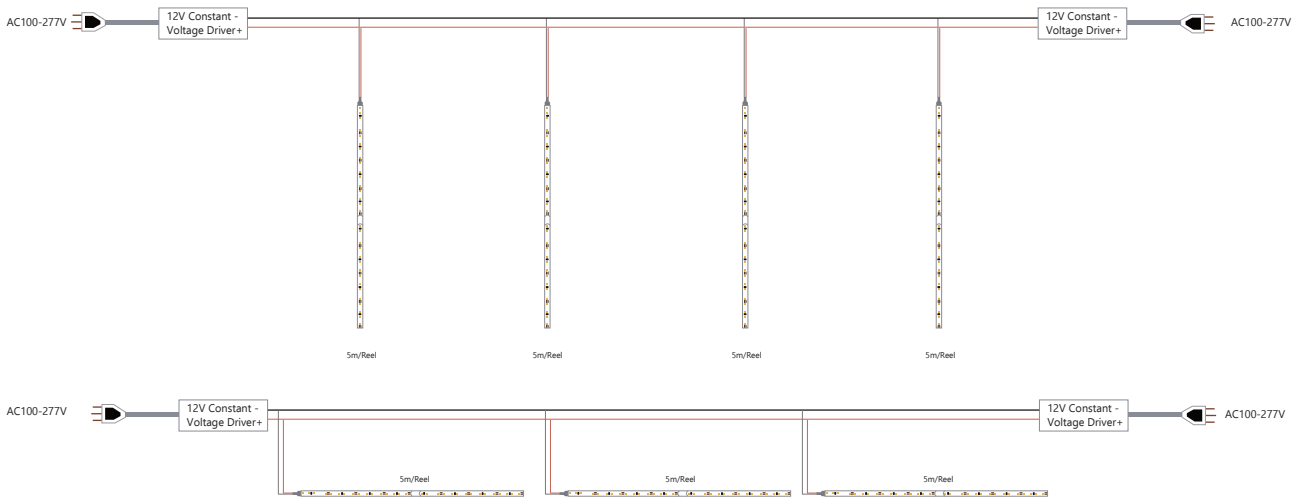
Note:

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

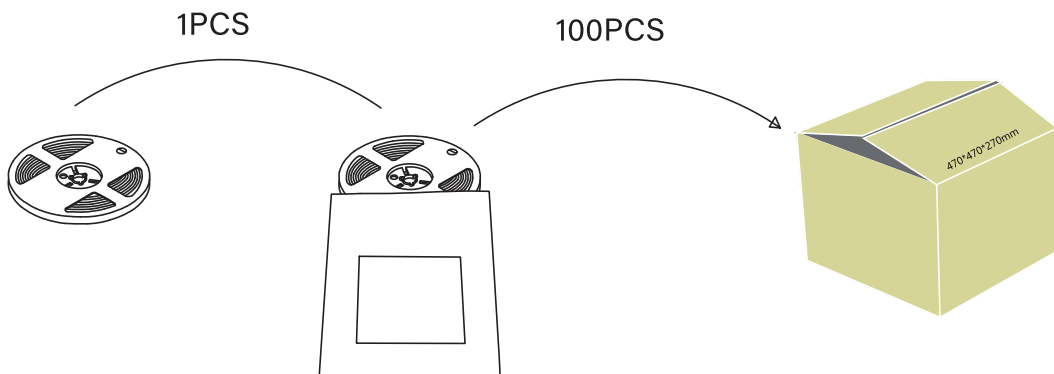
Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	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		

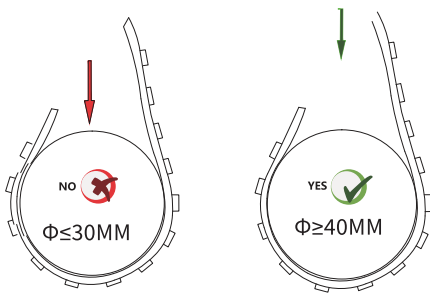
Wiring Diagram Application



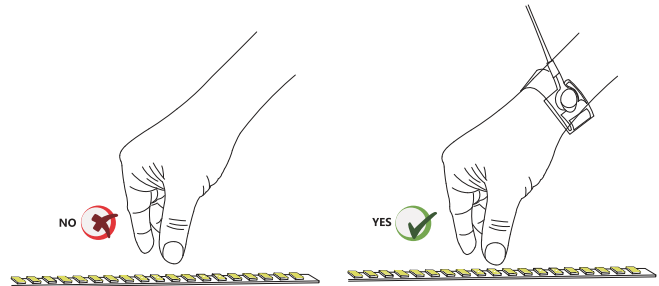
Packaging



⚠ 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.