

PRODUCT DATA SHEET



S-Shape Series

RGB 5050 48LEDs/m 7.2W/m



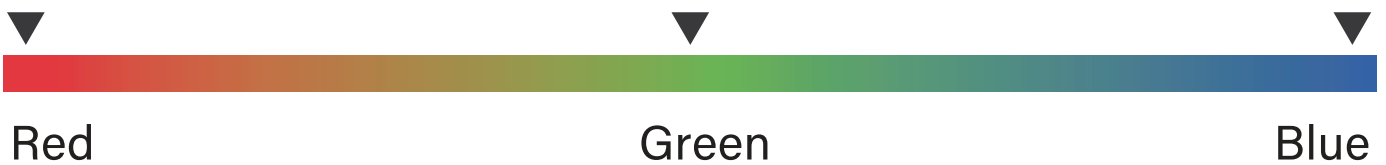
SNK48RGB



 Product Features

- 1.▶ Special S type PCB design, bendable in every way.
- 2.▶ 3LEDs/segment, can be cut according to the printing mark.
- 3.▶ Apply top 5050 RGB LEDs, stable and high brightness.
- 4.▶ Warranty: 5 years.

 CCT Option

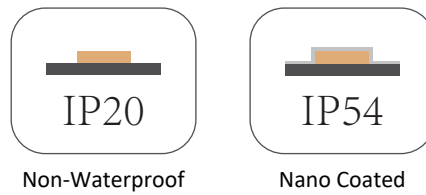


Lighting Effect

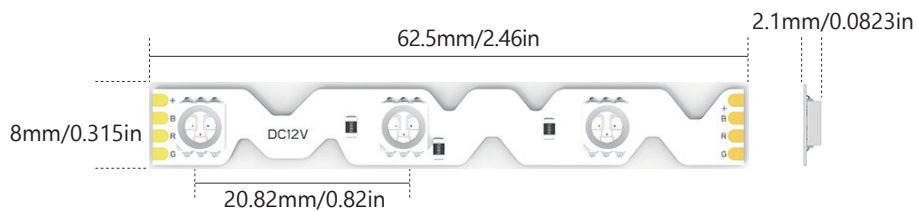



Lighting Effect

IP Rating Option



Dimension mm/inch



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	8mm/0.315in	2.1mm/0.0823in	20.82mm/0.82in	Every 62.5mm/2.46in (3 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
SNK48RGB	12V	7.2W/m	0.6A/m	48LEDs/M	/
		2.194W/ft	0.183A/ft	≈15LEDs/ft	

CCT (°K)	Luminous Efficiency	lumen	
RGB	37lm/W	266lm/m	81lm/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.

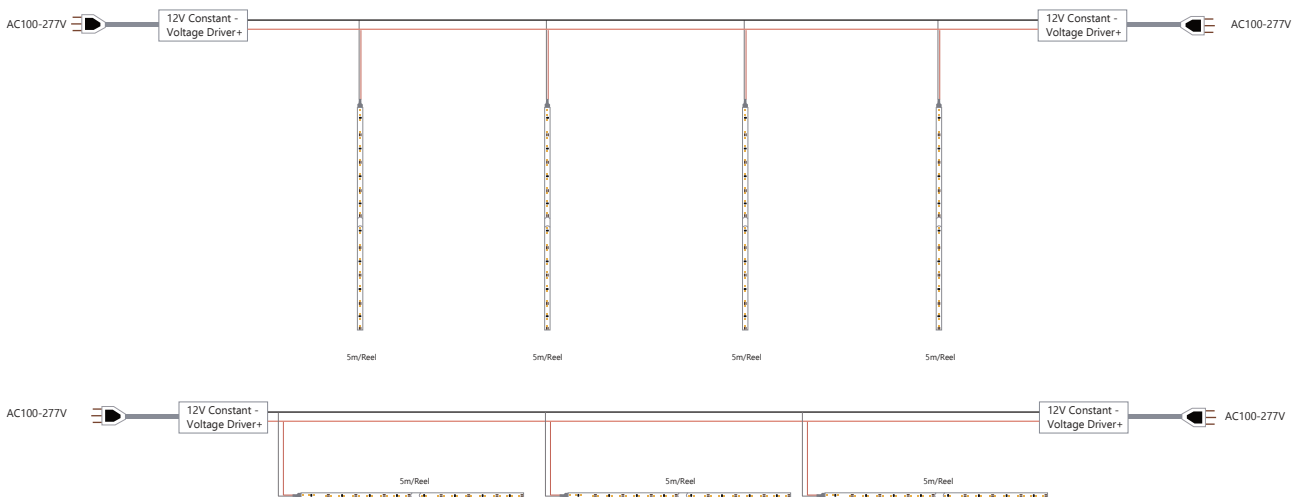


Absolute Maximum Ratings

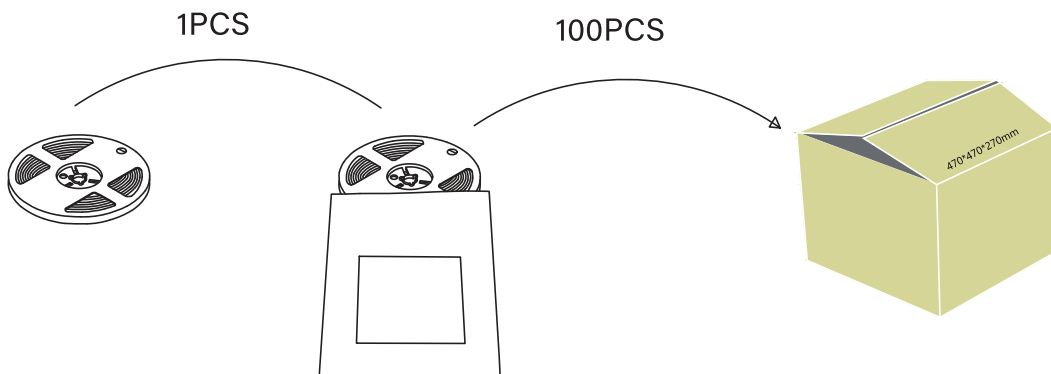
Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+60°C/-68~140°F
Number of FPC Connection		



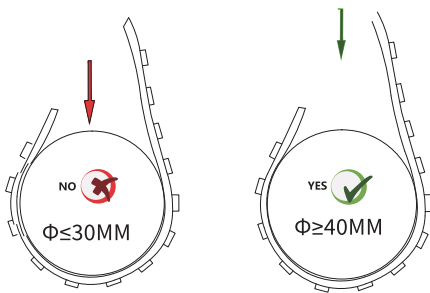
Wiring Diagram Application



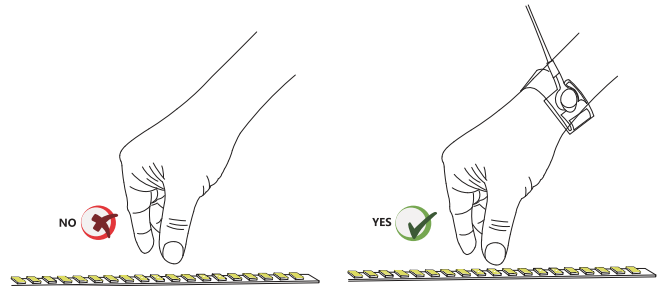

Packaging



! 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.