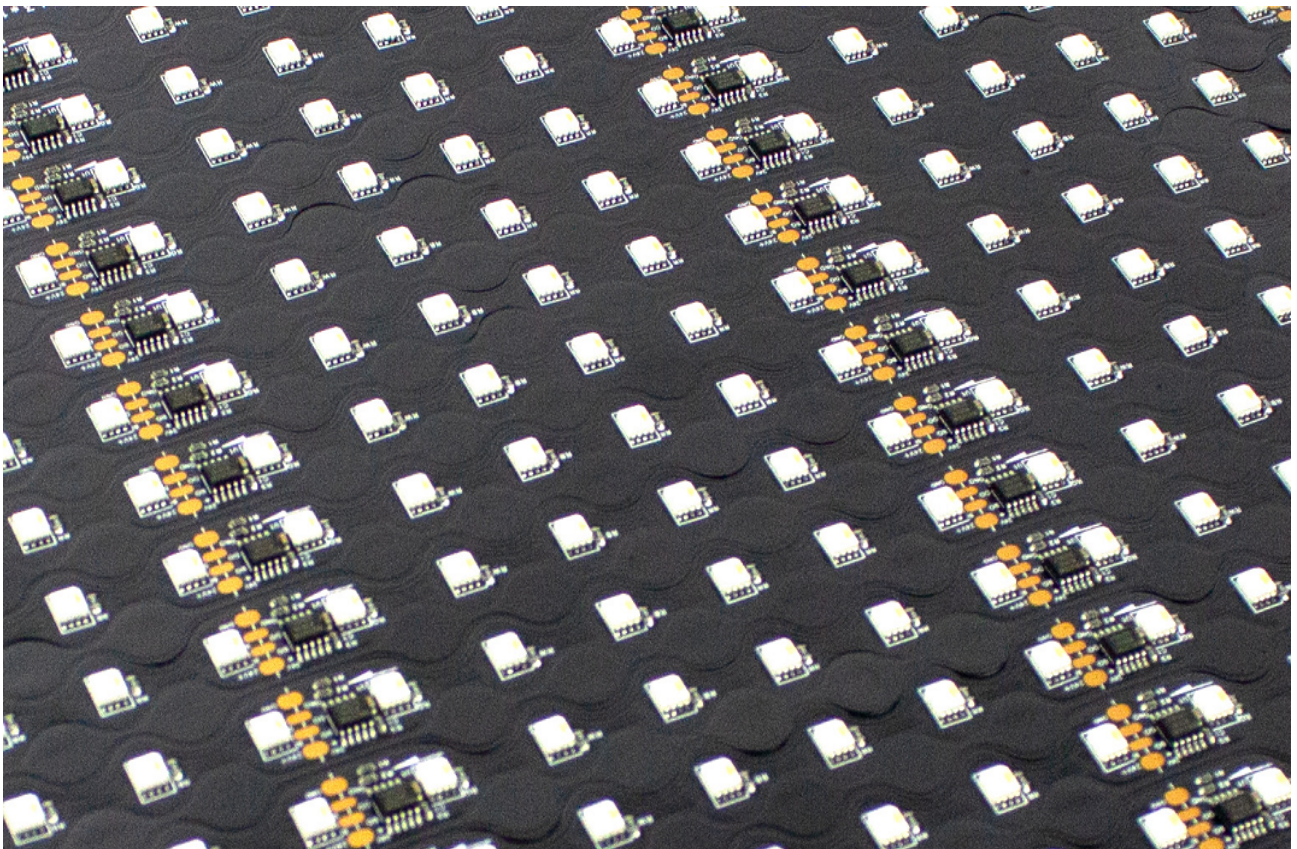


DIGITAL SERIES

SPI4040 60LEDs/m 14W/m (**WS2814B**)

External IC, 10 pixels/m

SPI	WS 2814B	10 pixels/m	RGB W	 24VDC	PCB 12MM	5M REEL
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RS-SPI4040RGBWS-24V-60D-12B-20



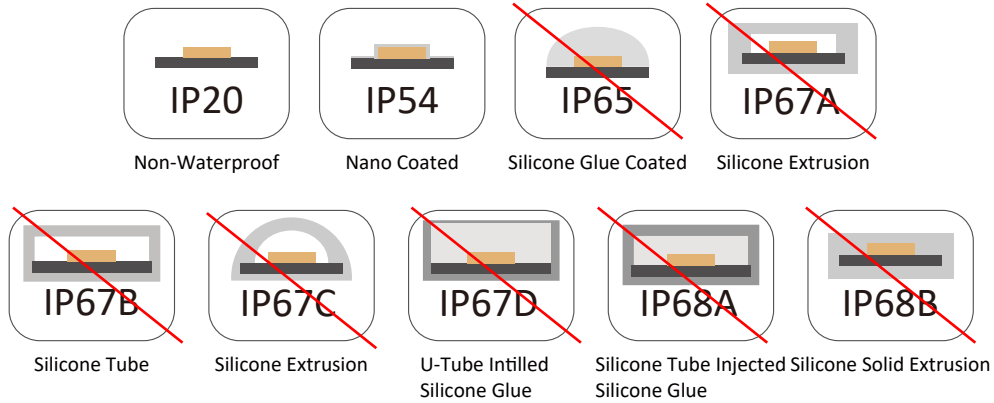
Product Features

1. SPI digital led strip light.
2. With External IC WS2814B, which is a 4-channel LED driver control circuit that includes an intelligent digital port data latch and a signal reshaping amplification drive circuit.
3. Signal Break-Point Continuous Transmission, adopts dual signal transmission.
4. Suitable for advertising, hotel, bar, KTV, bridges, walls and other interior & exterior lighting project.
5. Warranty: 2 years.

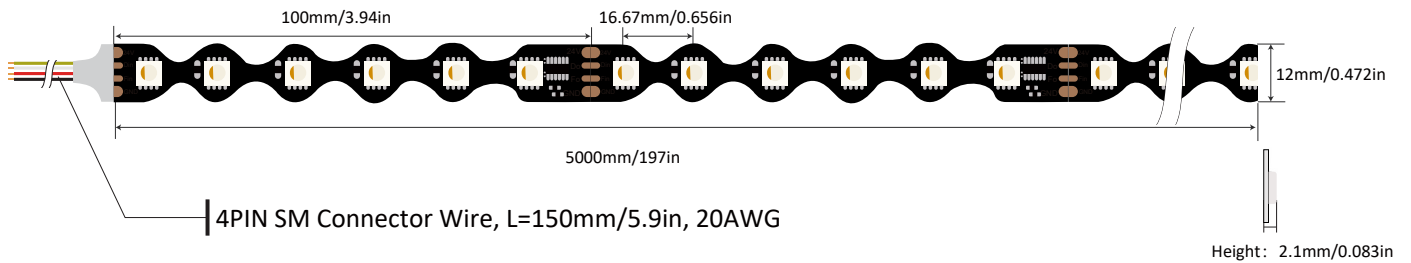
CCT Option



IP Rating Option



Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/197in	12mm/0.472in	2.1mm/0.083in	16.67mm/0.656in	Every 100mm/3.94in (6LEDs)

Note:

LED strip length tolerance is ± 10 mm based on IP20 & 5m/roll.

Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-SPI4040RGBWS-24V-60D-12-20	24V	14W/m	0.580A/m	60LED/m	90+
		4.27W/ft	0.177A/ft	≈18LEDs/ft	

CCT (°K)	Power	Input Current	Luminous Efficiency	lumen	Maximum Length
Red	4W/m(1.22W/ft)	0.170A/m(0.052A/ft)	22lm/W	92lm/M(28lm/ft)	5M(1.524ft)
Green	4W/m(1.22W/ft)	0.170A/m(0.052A/ft)	63lm/W	257lm/M(78lm/ft)	5M(1.524ft)
Blue	4W/m(1.22W/ft)	0.170A/m(0.052A/ft)	13lm/W	53lm/M(16lm/ft)	5M(1.524ft)
W(4000K)	4W/m(1.22W/ft)	0.170A/m(0.052A/ft)	59lm/W	244lm/M(74lm/ft)	5M(1.524ft)
Red/Green/Blue	14W/m(4.27W/ft)	0.580A/m(0.177A/ft)	47lm/W	660lm/M(201lm/ft)	5M(1.524ft)

Note:

The data base on IP20 non-waterproof.

The Lumen output value tolerance $\pm 5\%$ due to testing way.T

he CCT will be $\pm 150K$ tolerance.

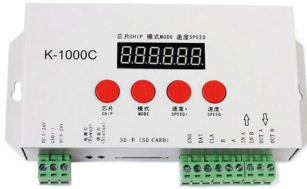
Recommended Accessories

Controllers	RS-SC+R9	SP639E	K-1000C	K-8000C
Max. Connection Length	≤30M	≤30M	≤30M	≤30M*8CH

Absolute Maximum Ratings

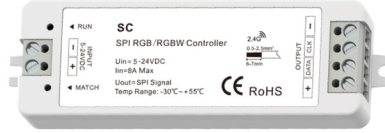
Parameter	Symbol	Value
Thermal Measurement Point	Tc	80°C/176°F
Operating Temperature	Topr	<80°C/<176°F
Storage Temperature	Ts	-20~+ 60°C/-68~140°F
Number of FPC Connection		

Controller Options

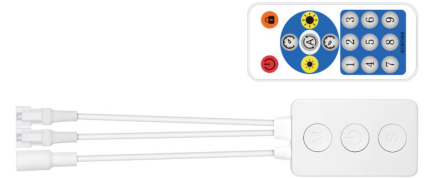


RS-K-1000C

(The power of LED strip is based on the test result of this kind)



RS-SC



RS-SP601E

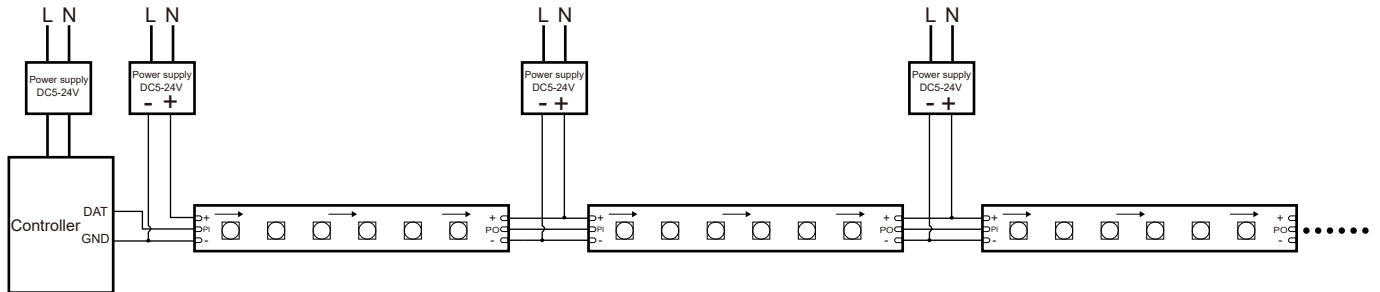
Wiring Diagram Application



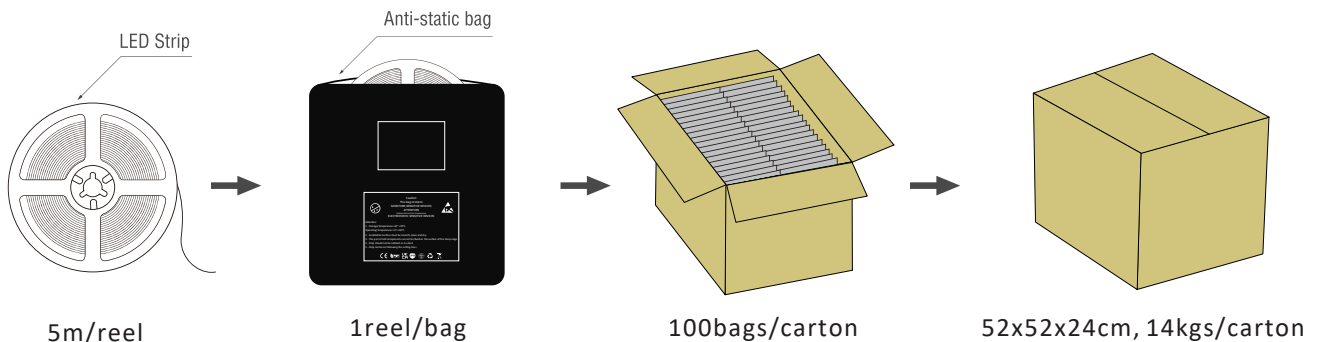
Male Connector (Date Output)



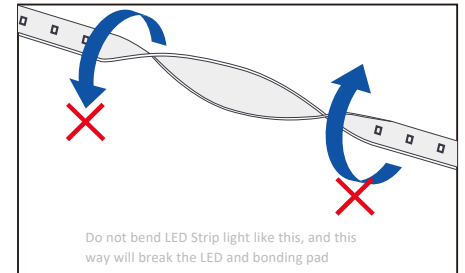
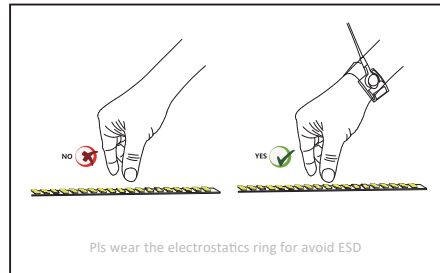
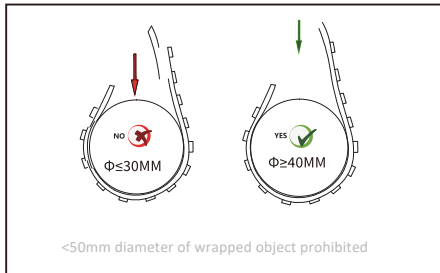
Female Connector (Date Input)



Packaging



Cautions



Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with
3. Do not install IP20 LED strip products in outdoor / wet location environments.
4. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
5. Improper wire selection and installation could overheat wires, and cause fire.
6. Do not connect directly to high voltage or AC power.
7. Installation must be in accordance with local and national electrical code regulations.
8. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.