

DIGITAL SERIES

SPI5050 60LEDs/m 39W/m (SK6809)

Internal IC, 60 pixels/m



RS-SPI5050RGBID-24V-60D-08-20



Product Features

1. SPI digital led strip light.
2. With Internal IC SK6809, which is a 3-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

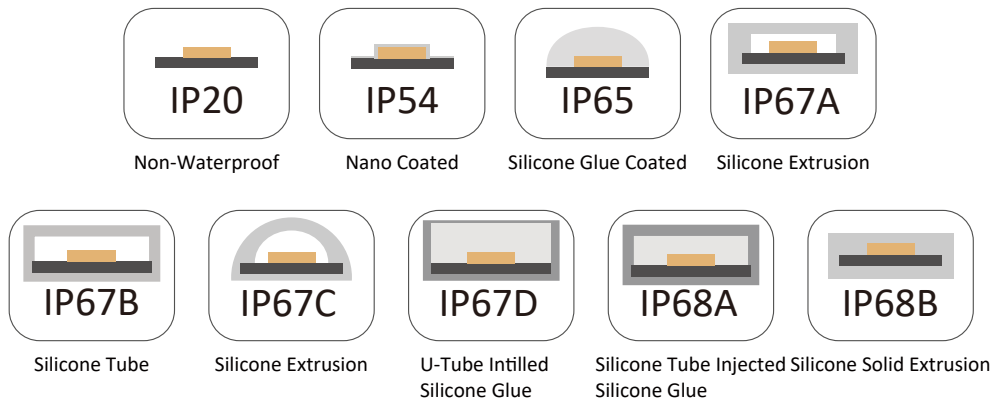


Lighting Effect

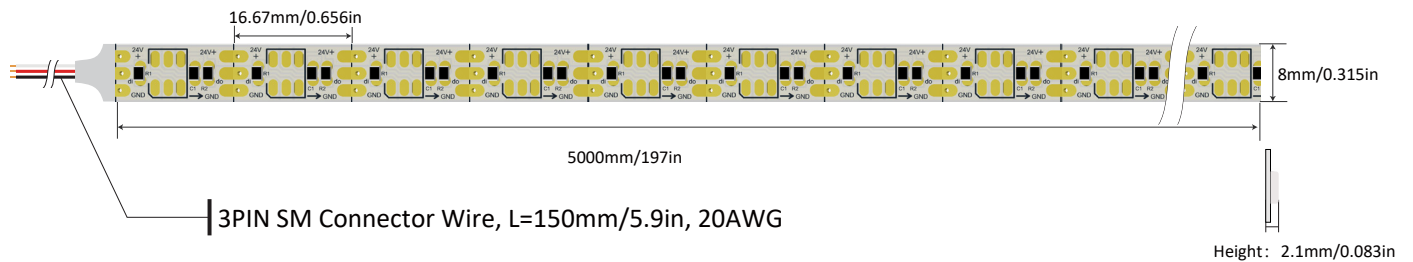


Lighting Effect

IP Rating Option



Dimension(mm/inch)



Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/197in	8mm/0.3154in	2.1mm/0.083in	16.67mm/0.656in	Every 16.67mm/0.656in (1LED)

Note:

Led strip length tolerance is $\pm 10\text{MM}$ based on 5M/roll, IP20 & IP54.

Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-SPI5050RGBID-24V-60D-08-20	24V	39W/m	1.645A/m	60LED/m	/
		11.89W/ft	0.501A/ft	≈18LEDs/ft	

CCT (°K)	Power	Input Current	Luminous Efficiency	lumen	Maximum Length
Red	13W/m(3.96W/ft)	0.559A/m(0.170A/ft)	32lm/W	423lm/M(129lm/ft)	5M(16.4ft)
Green	13W/m(3.96W/ft)	0.559A/m(0.170A/ft)	62lm/W	836lm/M(255lm/ft)	5M(16.4ft)
Blue	13W/m(3.96W/ft)	0.559A/m(0.170A/ft)	14lm/W	186lm/M(57lm/ft)	5M(16.4ft)
Red/Green/Blue	39W/m(11.89W/ft)	1.645A/m(0.501A/ft)	36lm/W	1414lm/M(431lm/ft)	5M(16.4ft)

Note:

The data base on IP20.

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

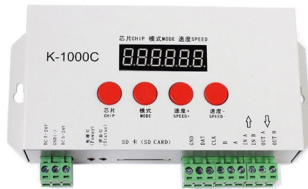
The CCT tolerance is $\pm 5\%$ due to testing way.

Recommended Accessories			
Controllers	RS-SP601E	K-1000C	K-8000C
Max. Connection Length	$\leq 5M$	$\leq 5M$	$\leq 5M*8CH$

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



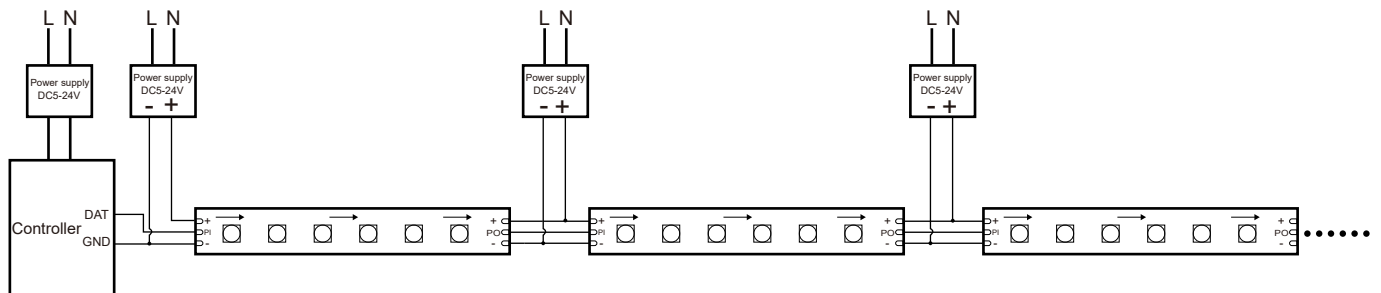
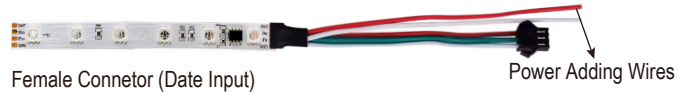
RS-K-1000C

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

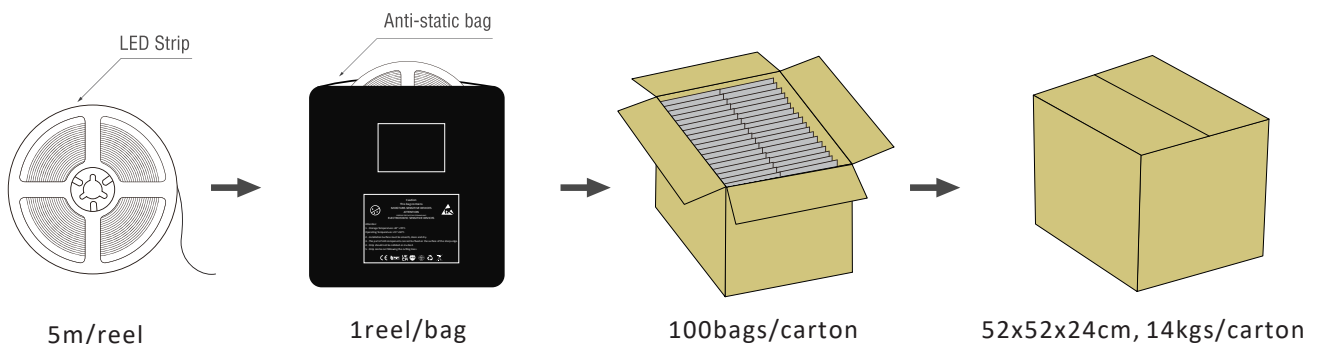


RS-SP601E

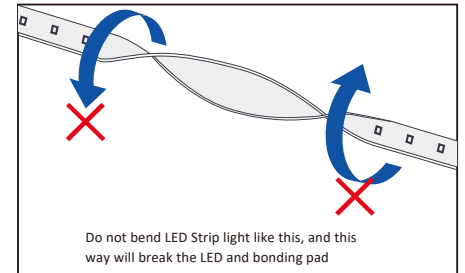
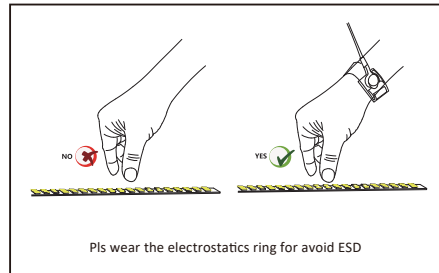
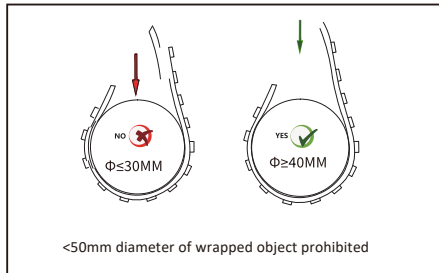
Wiring Diagram Application



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.