PRODUCT DATA SHEET

SPI RGB SK 6813

Digital Series SPI

5050RGB 60LEDs/m 9W/m S shape

RS-SK6813-5050RGB-12V-60D-8-20

c UL us LISTED E497000 TUV Rheinland CERTIFIED UK CA CE RoHS compliant

Product Features

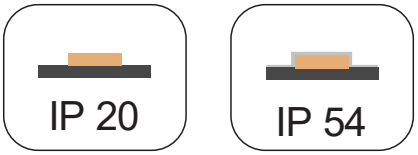
1. Auto-addressable signal SPI led strip light.
2. SK6813 LED strip is a 4-channel led strip with built-in IC, operated by dedicated LED controllers.
3. One LED as one individually adjustable pixel Signal break-point continuous transmission, a failure of any pixel does not affect the transmission of signal and the total emitting effect.
4. Suitable for advertising, hotel, bar, KTV, bridges, walls and other interior & exterior lighting project.
5. 3 years warranty.

CCT Option

Lighting Effect

Lighting Effect

IP Rating Option



Non-Waterproof　　Nano Coated

Dimension mm/inch

2.2mm/0.087in

Length/Reel	Width	Height	LED Spacing	Min. Cutting
5000mm/196.85in	8mm/0.315in	2.2mm/0.0866in	16.66mm/0.656in	Every 50mm /1.9685in (3LEDs)

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-SK6813-5050RGB-12V-60D-8-20	12V	9W/m	0.75A/m	60LEDs/M	\
		2.74W/ft	0.23A/ft	≈18LEDs/ft	

CCT (°K)	Luminous Efficiency	Lumen	
RGB	27 lm/W	243 lm/m	74lm/ft

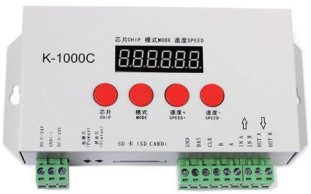
Note:

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		

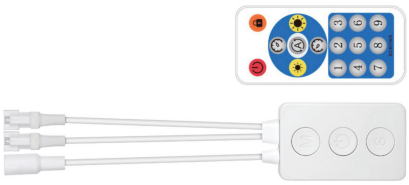
Controller Options



RS-K-1000C

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

RS-SC

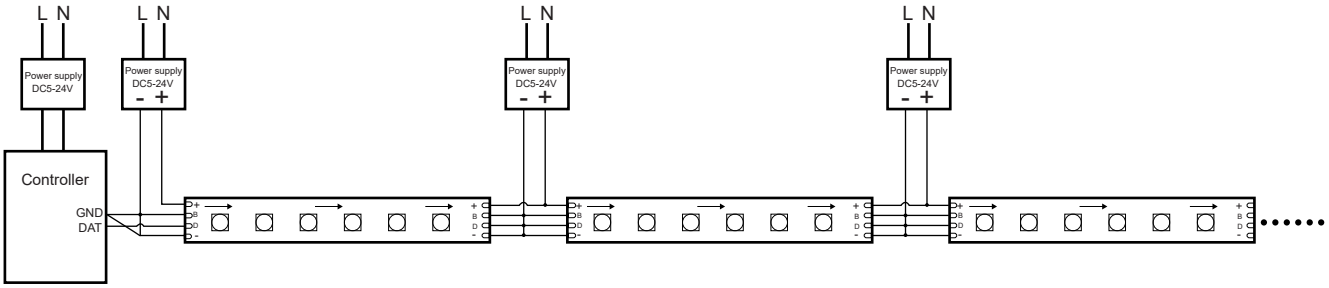


RS-SP601E

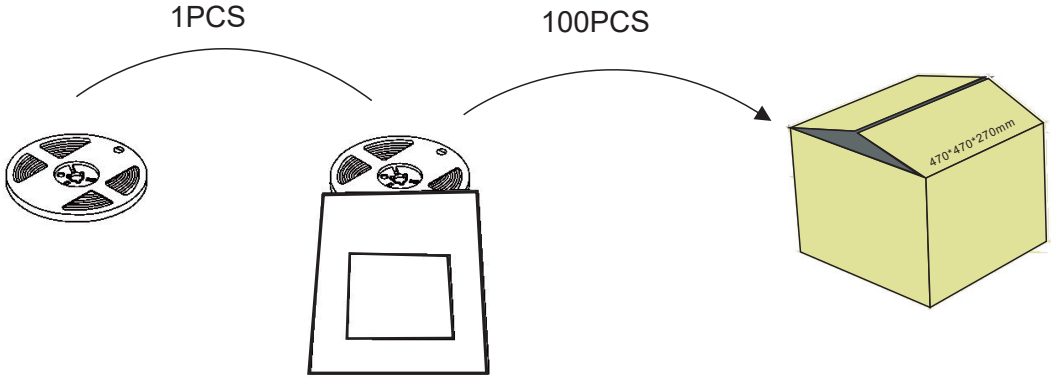
Wiring Diagram Application

Male Connector （Date Ouput） Power Adding Wires

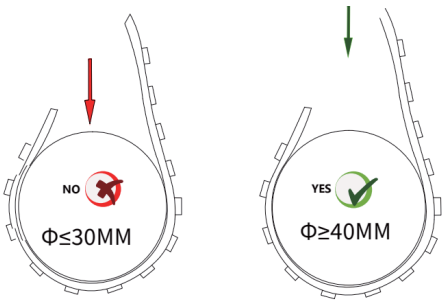
Female Connetor (Date Input) Power Adding Wires



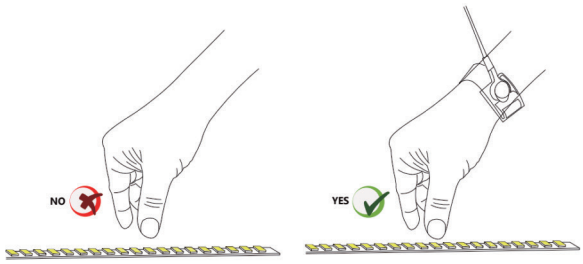
Packaging



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 selecti on 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