

SPECIFICATION

Drafted

Reviewed by

Approved by

SW	F	*	*	*	*	*	*	*	*	*	*	*
SW	LED Strip	LED type	Leds's color			Led Qty/0.5M	IP Grade	Length	C	Operating voltage		PCB width
		3528	W	Warm white			30	WF0 IP20	5M	Constant	00 Special	K008 8mm
		5050	N	Nature white			48	WF1 IP66	2.5M	current	05 DC5V	K010 10mm
		2835	C	Cold white			60	WF2 IP65	2.525M	LED strip series	12 DC12V	K015 15mm
		3014	RGB	Red&Green&Blue			72	WF3 IP67	24 DC24V		K020 20mm	
		2216	Z	Chasing			120	WF4 IP68	36 DC36V		K012 12mm	
			RGBW	Red&Green&Blue&Warm white					42 DC42V			
		5730	RGBN	Red&Green&Blue&Nature white					48 DC48V			
			RGBC	Red&Green&Blue&Cold white								
			CTA	Color temperature adjustable								
			RGBCTA	RGB+Color temperature adjustable								

5M/5050RGB constant voltage Led strips/

60pcs led/meter/DC12V&24V/IP20/10mm

Leds: 99.99% golden wire and copper support, super bright leds, stable and reliable.

Beautiful RGB Led, create atmosphere of happiness.

Match with all kinds of RGB controllers, convenient and interesting.

1500-2000mcd and 2000-2500mcd optional.

With famous brand 3M back-tape, more flexible installation, also with better heat-dissipation.

IP grade: IP20, IP65, IP66, IP68 available.

cUL&CE&ROHS certificated.



Application:

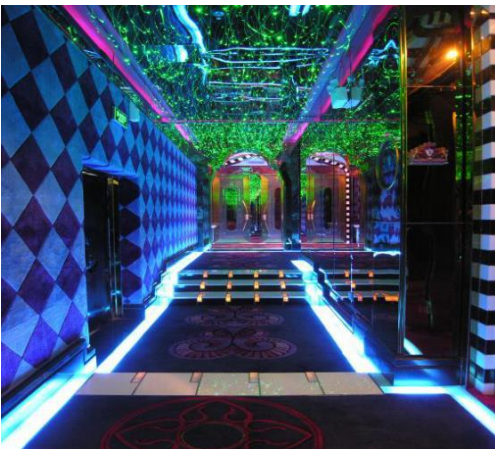
Widely used in hotels、shopping malls、furniture、cabinets、shelf, as decoration lighting, direct lighting or indirect lighting

Installation:

3M Adhesive

Warranty:

3 years



Optical&Electrial

Product Model	Color	WL (NM)	Ra	Beam angle (°)	Lumen (lm/m)	Efficiency (lm/W)	Voltage (V DC)	Current (mA/m)	Power (W/m)
SW-F5050RGB30-WF0	R	620-625	—	120	—	—	12/24	320/160	3.84
SW-F5050RGB30-WF0	G	520-525	—	120	—	—	12/24	320/160	3.84
SW-F5050RGB30-WF0	B	465-470	—	120	—	—	12/24	320/160	3.84
SW-F5050RGB30-WF0	RGB	—	—	120	—	—	12/24	960/480	11.52

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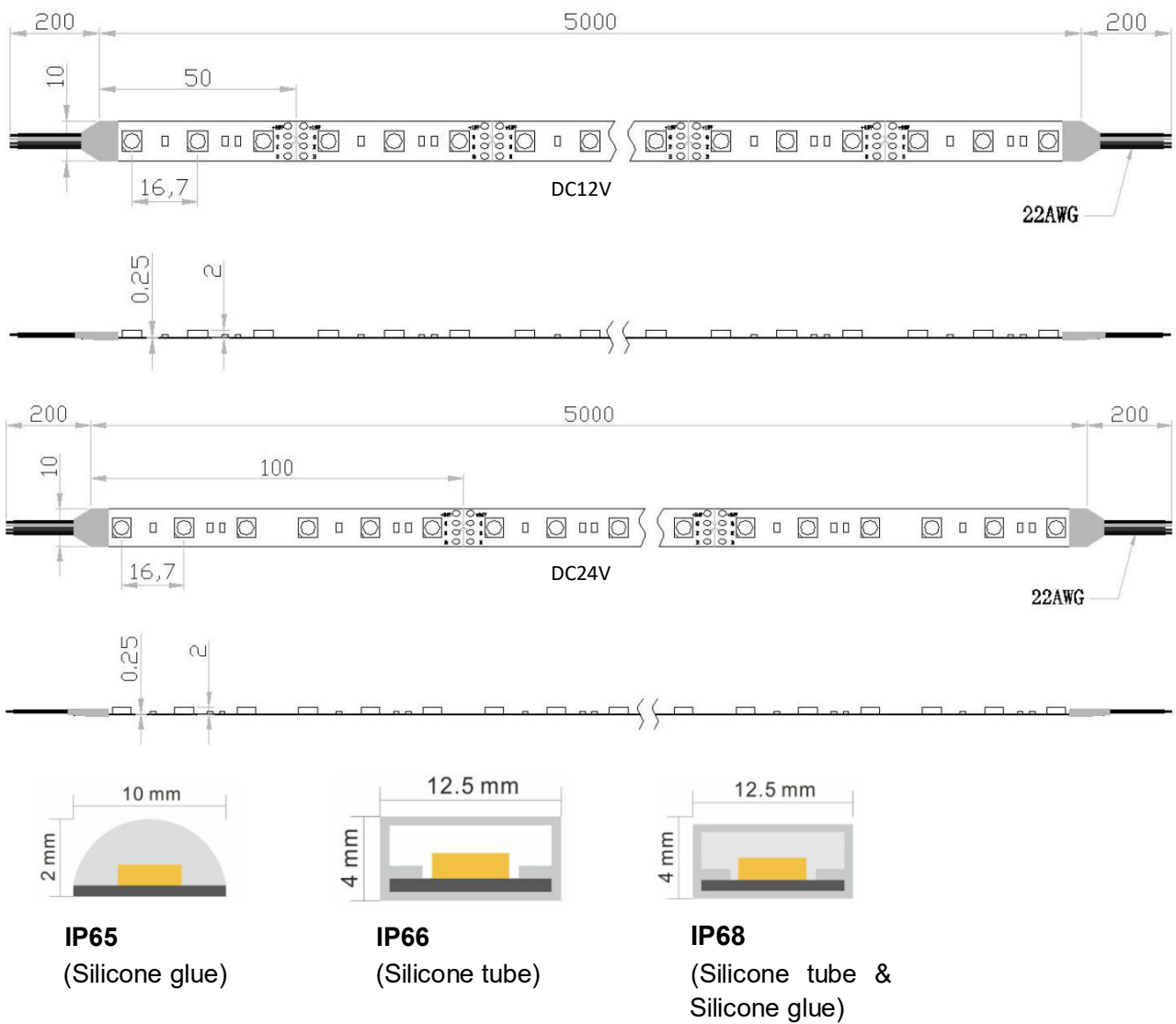
Other features:

Product Model	IP grade	Working environment (°C)	Storage environment (°C)	Length (m)	Max connection Length (m)	LED Qty (pcs/m)	N.W (g/Roll)
SW-F5050RGB30-WF0	IP20	-25~+45	-30~+80	5	5	60	144

Notes:

- Testing environment temperature: 25±2°C;
- Above data confirmed on the basis of 1M sample, 1500-2000MCD, IP20.
- Different IP grade with different Data.
- Mark"—"means no testing requirement.

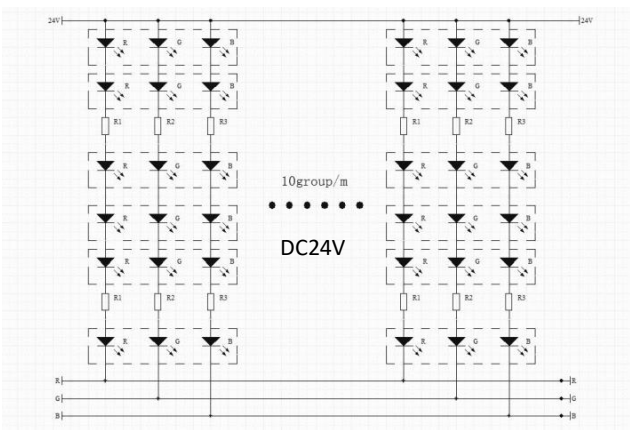
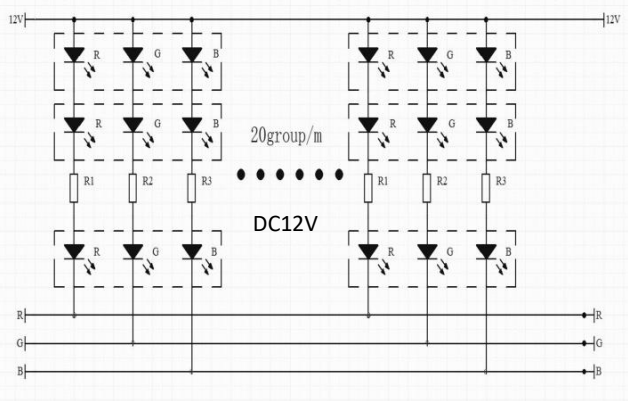
Dimensions:



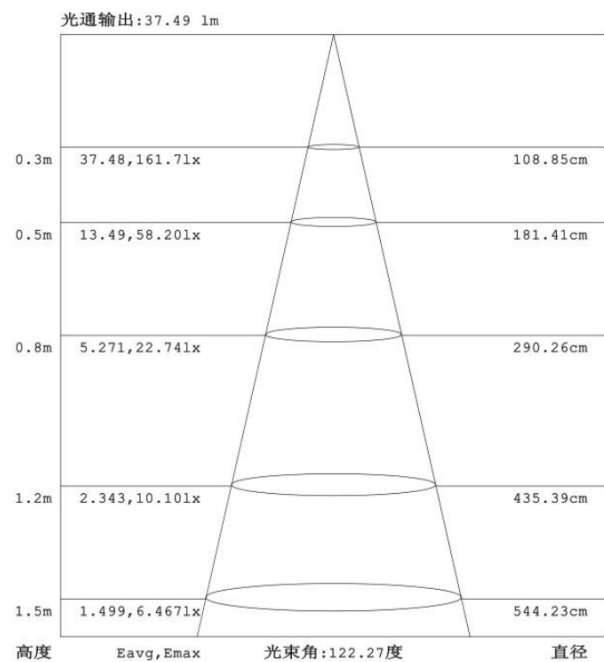
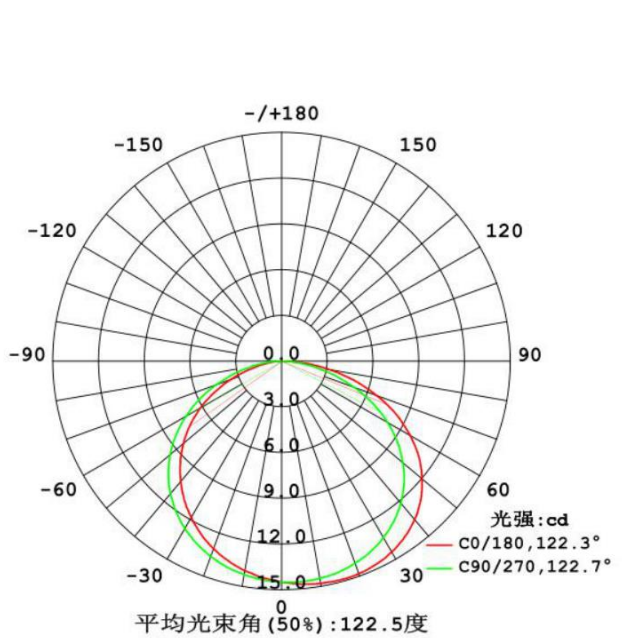
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Electric principle:



Optical/Lux graph:



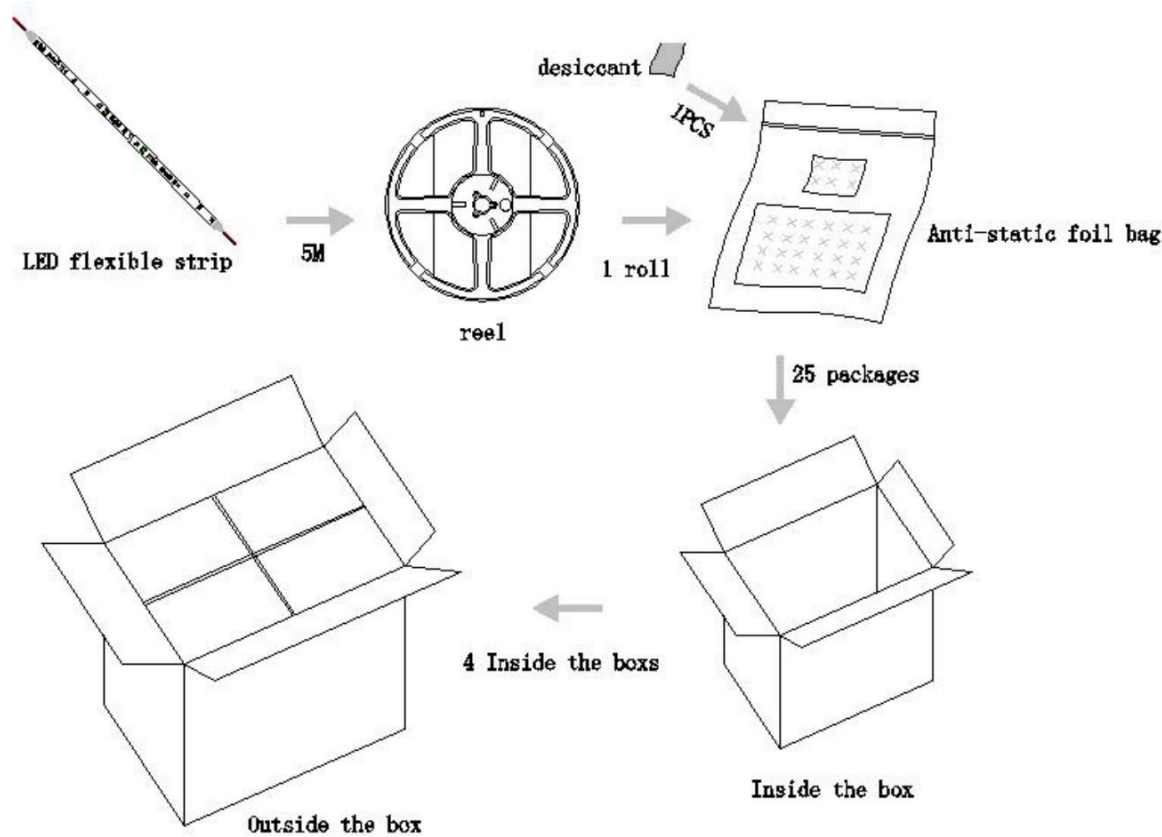
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Package details:

Model	carton	Qty/Roll(m)	Qty/Carton(m)	Total Qty(m)	G.W(Kg)	size(mm)
SW-F5050RGB30-WF0	inner box	5	125	125	3.8	L303*W230*H260
	outer box	5	500	500	16.4	L620*W472*H280

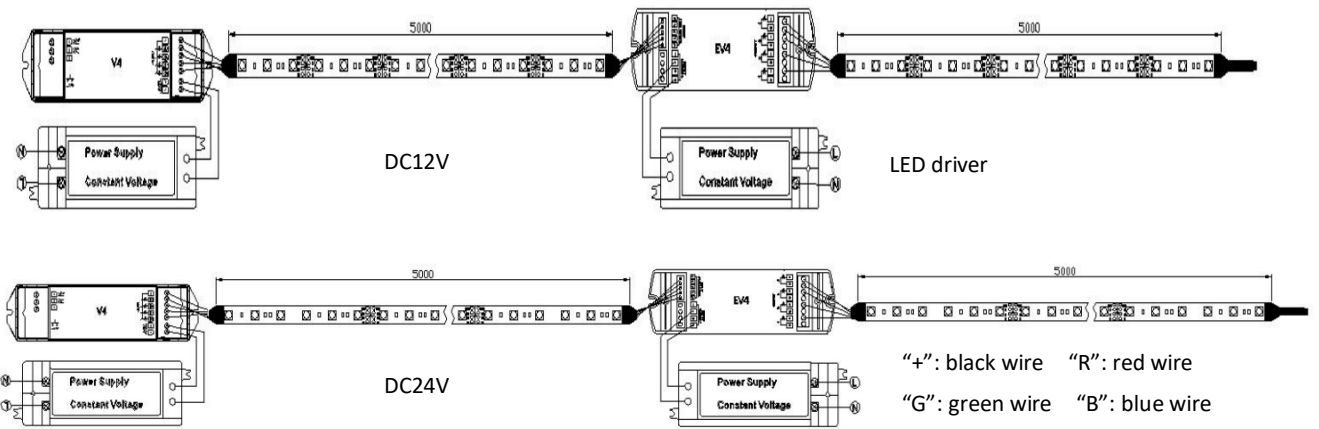
Package:



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Schematic :

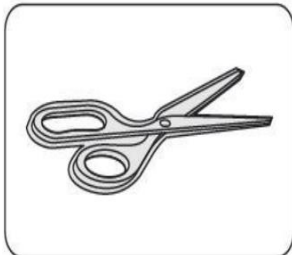


(PS: Strip positive connect to the driver positive,
Strip negative connect to driver negative)

Product and needed tools :



Product
Led strip

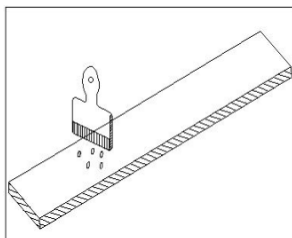


Needed tools
scissor

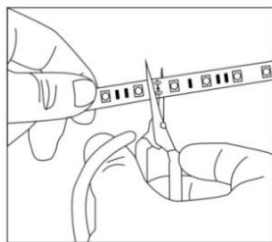
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Installation steps:

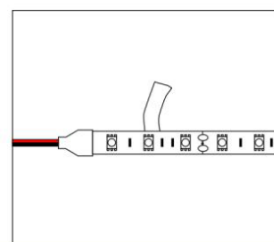


Clean the installation surface

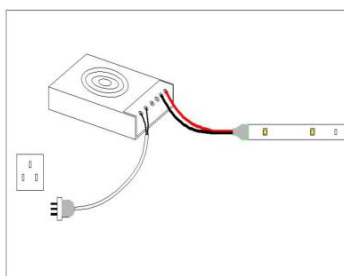


Measure the length you need to install, cut at the nearest scissor mark line.

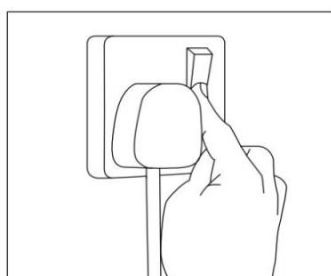
For the left led strip, weld at the next scissor mark to connect with other connection wire.



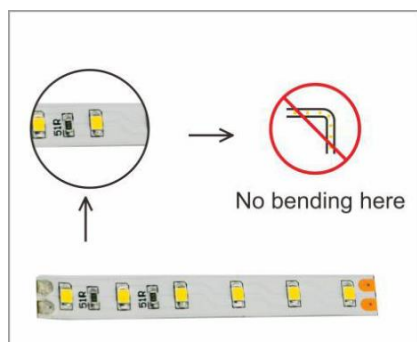
Do not pull the whole led strip from the back release paper by one time. No press on the leds.



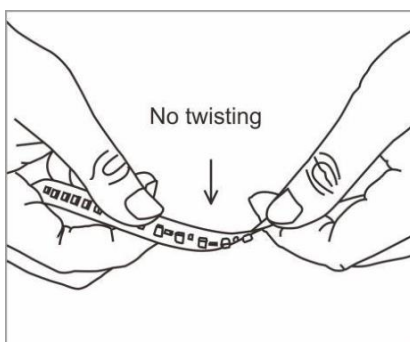
Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)
Connect the driver input side to power-supply.



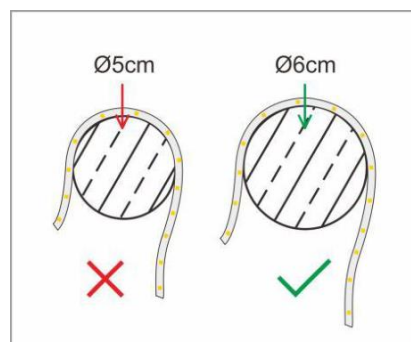
Switch on and enjoy.



No bending
at the point of leds



No contortion
of the led strip.



No bending
with Diameter < 6cm

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Usual problem with solutions :

Problem	Possible reasons	solution
All fail	No power supply	Give power supply.
	Automatic switch-off because of the open circuit and short circuit	Solve the problem, switch on again.
	Wrong connection (positive connect with negative)	Check and get right connection.
Part fail	Part power-supply fail	Check and make sure the power supply well.
	Part circuit error	
	Part wrong connection(positive connect negative)	Check and get right connection.
Inconsistent brightness or insuffiscent brightness	overload of the driver	Use higher-power driver.
	Too big power consumption of the switch, or unbalanced power consumption from different strip series.	Keep the strip working voltage is more or less 5% than the Rated voltage. 1.shorten the connection cable length, or change to thicker cable. 2.Make sure the strip quantity is less than the allowed connection quantity.Keep the led strip quantity of each series similar.
	Too many Led strips connection	Adjust the led strip quantity. make sure sufficient power supply.
LED flash	Poor welding connection of wires	Check,find and solve it.
	switch problem	Change to right switch.

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Statements :

For safety, the product wire should be moved and replaced by the manufacturer, agent or other authorized person.

Please refer to the product manual before installation.

Above-refered data is from our standard product. Please subject to your actual product data if there is difference.

Above-refered schematic diagrams are from our standard product. Please subject to your actual product data if there is difference.

In actual use, we suggest 80% consumption of the driver. Keep 20% as power to start the led strip.

For safety, no touch the AC terminal.

Any acidic or alkaline substance is forbidden.

No notice for updated of this product.

Starwire reserve the final interpretation of the specification.

