

starwire

SPECIFICATION

Drafted

Reviewed by

Approved by _____

F										
sw	LED SIP	LED type	Leds's color		Led Qty.0.5M	IP Grade	Langh	Operang volume		PCBw----
		2028	w	---	20	wro IP20	5M	Constant	00 Special	K008 8mm
		5000	"	Nature white	43	WF1 IP66	25M	current	05 DCSV	K010 10mm
		2035	.	could	"	WF2 IP65	212500	lenovo	12 DC12V	KD15 15mm
		2014	ROB	Rodel Crotention	72	WF3 IP67		1000	24 DC24V	KD20 20-20----
		2210	2	chóng	120	WF4 POS			36 DC20V	K012 1200
		5730	ROBW						42 1642V	
		2110	ROBN	Rodel					48 PC48V	
		2024	ROOC	Rodel-						
		0000	CTA							
			ROBCTA ROB+ Color temperature a-----							

5M/2835RGB constant voltage Led strips/
240pcs led/ meter/DC24V/IP20/10mm

Newest led SMD 2835, smaller and thinner, it could achieve high density line array
Leds: 99.99% golden wire and copper support, super bright leds, stable and reliable.
240LEDs/m, high density leds have excellent performance in luminous uniformity and lighting effect
Compatible with all kinds of RGB controllers , convenient.
Ideal light source for small size LED linear light .
IP grade:IP20 available.
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	SDCM	Beam	Lumen (lm/m)	Efficiency (lm/W)	Voltage (VDC)	Current (mA/m)	Power (Wlm)
					angle (°)					
SW-F2835RGB120-WF0	R	620-625	—	—	120	148	25.9	24	239	5.7
SW-F2835RGB120-WF0	G	525-530	—	—	120	414	72	24	239	5.7
SW-F2835RGB120-WF0	B	462-467	—	—	120	95	16.6	24	239	5.7
SW-F2835RGB120-WF0 RGB	—				120	637	37	24	717	17.2

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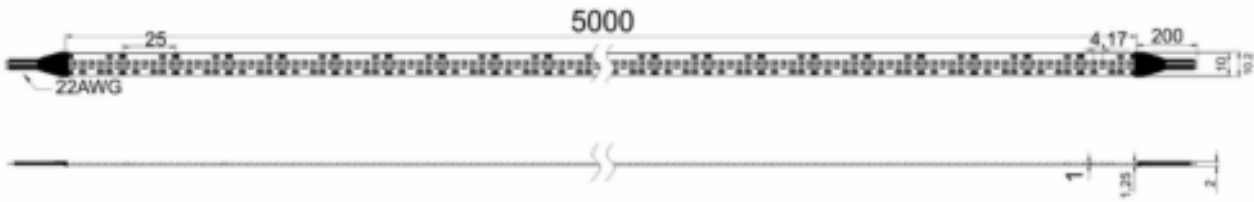
Other features:

Product Model	IP grad e	Working environment (℃)	Storage environment (℃)	Length (m)	Max LED Qty connection Length(m)	N. W (pcs/m)	N. W (g/ Roll)
SW-F2835RGB120-WF0	IP20	-25~+45	-30~+80	5	5	240	130

Notes:

Testing emironment temperature:25±2℃;
Above data confirmed on the basis of 1M sample, RGB, IP20.
Different IP grade with different Data.
Mark"—"means no testing requirement.

Demensions:



Unit: mm

240pcs 1ed/ meter/DC24V/IP20/10mm

UNIT: cd

— C0/180, 124.4

— C90/270, 123.7

AVERAGE BEAM ANGLE (50%): 124.1 DEG

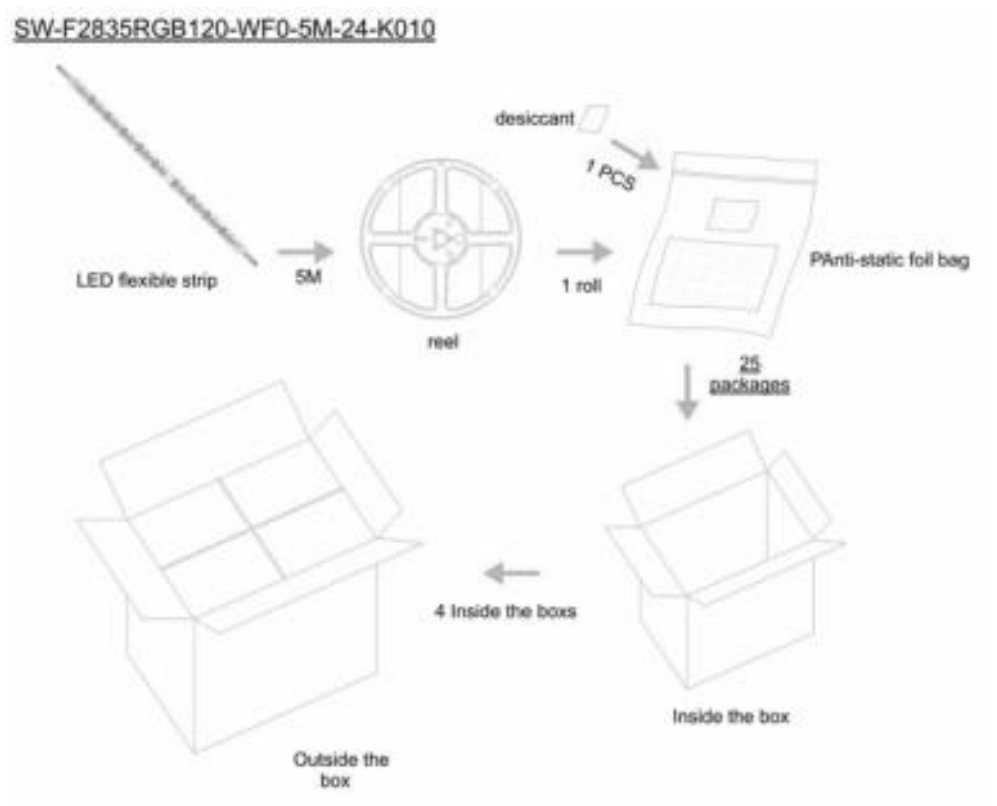
499. 0, 21401x		111. 360
179. 6, 770. 61x		184. 44=
70. 17, 301. 01x		291. 43cm
31. 19, 133. 81x		447. 340
19. 94. 15. 621x		559. 12cm
Beight	English:123. 64000
		Diameter

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Package details:

Model	carton	Qty/ Roll (m)	Qty/ Carton (m)	Total Qty (m)	G. W (Kg)	size (mm)
SW-F2835RGB12	inner box	5	125	125	3.51	L303~W230~H260
	outer box	5	500	500	15.24	L620~W472~H280

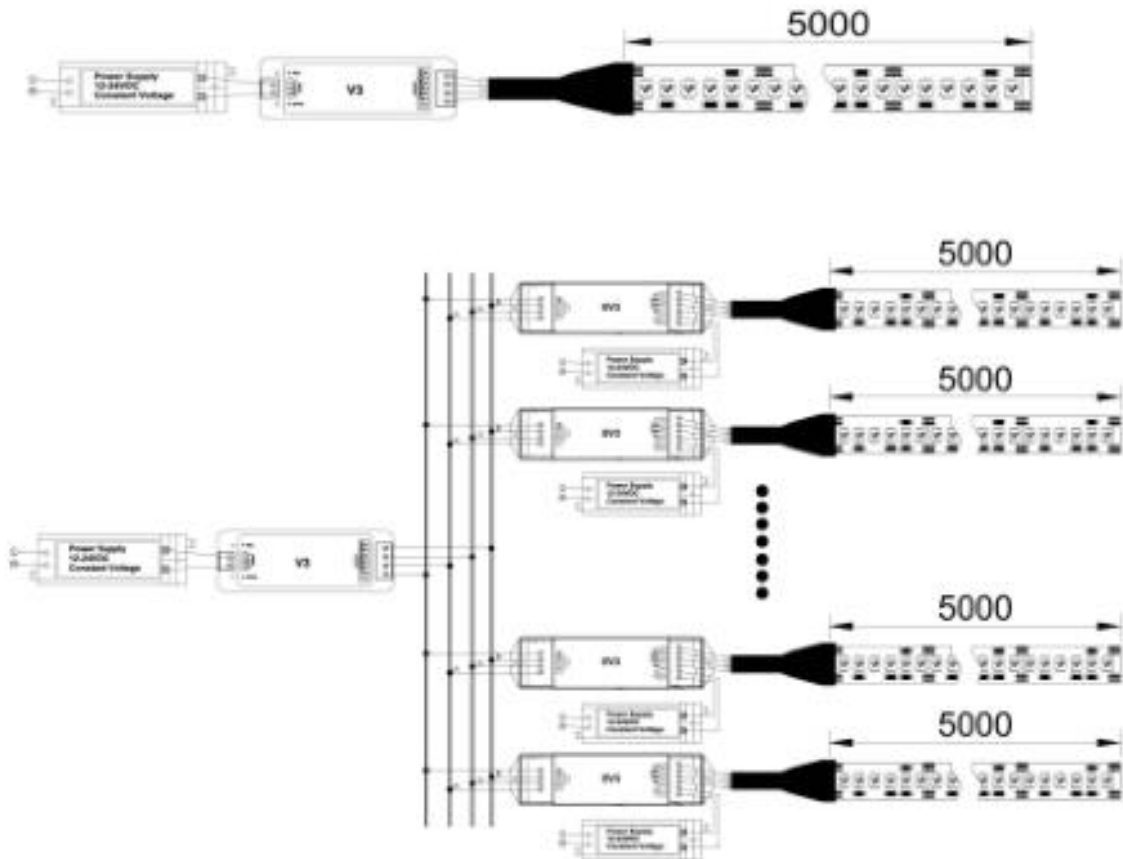
Package:



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Schematic:



Product and needed tools:



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Installation steps:

Clean the installation surface

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

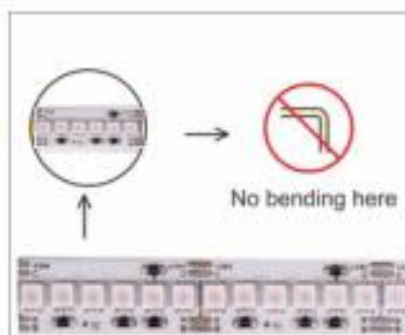
Do not pull the whole led strip from the back release paper by one time. No press on the leds.

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

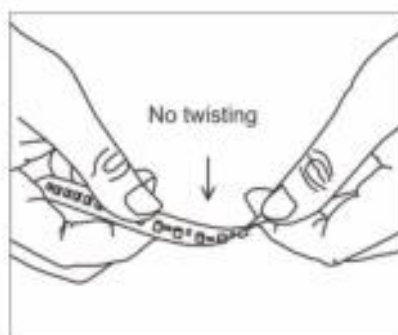
Connect the led strip wire to the driver output side (Positive to positive, negative to negative.)

Switch on and enjoy.

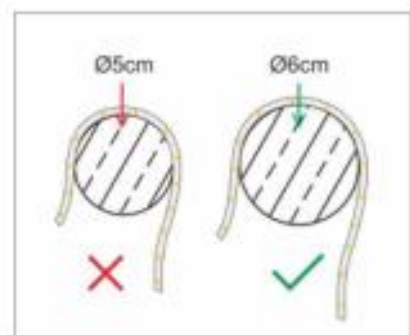
Connect the driver input side to power-supply.



- 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 clicuit	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.

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