

Product Specification

CS Item No.: ELED-5-EST3838-120-24V-RGB

Series: RGB Series

Confirmation	Approval	Audit	Date	Version
			2023/07/26	1.2

Features

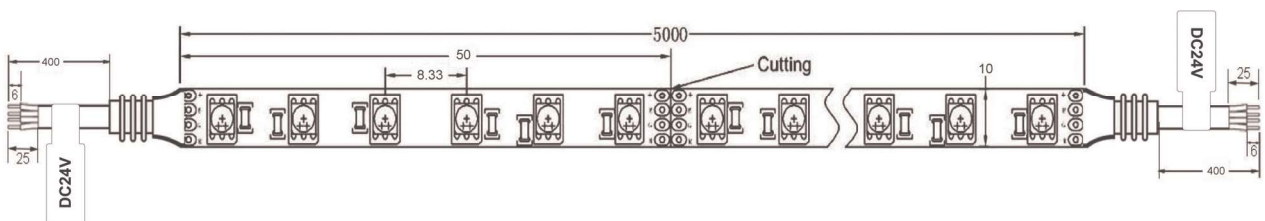
- 1. High density 3838 RGB LEDs.
- 2. 8mm width double layer FPCB.
- 3. RGB colorful LED strips.
- 4. Can be cut to meet requirements of different length.
- 5. CE, ROHS.
- 6. Can be customized packing.

Picture (For IP20 version)



Dimensions

Unit: mm (For IP68 version)
Tolerance: ± 2 mm




Specifications

Item NO.	EST-3838-120-24V-RGB68
LED Chip/Meter	120leds
Input Voltage	Constant voltage 24Vdc
PCB	8mm, white 2oz PCB
Ra	>0
Power	10W/M
CCT	RGB multi-color
IP grade	IP68 extrusion solid tube
Lumen	Mixed 460lm/M, 0.415A
Length	5meters with 40cm 22AWG white silicon sleeve 4pins cable on two ends
Size	Width: 10mm; Height: 5mm
Cutting Length	Minimum 50mm
Lifespan	50,000 H
Working Temperature	From -25° C to 40° C
Storage Temperature	From -25° C to 40° C
Warranty	2years

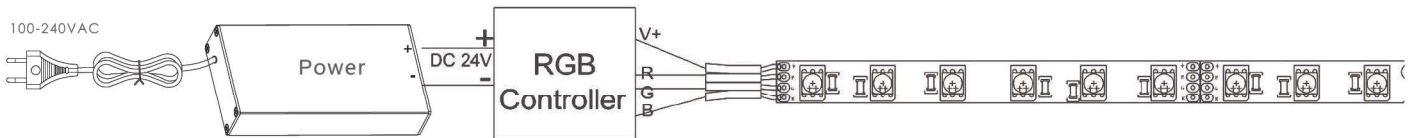
* The above measurements of watts, brightness and efficiency allowance tolerance $\pm 10\%$.

* The above measurements and dimension are all based on IP20/ 1meter.

Waterproof Ways

Waterproof Ways	IP Rating	Details	Silicon Tube dimension
	IP68	Extrusion Solid Tube Red foam adhesive on back	(W)10mm* (H) 5mm

Installation Ways



* Connect black wire of LED strip to positive polarity of controller, and other colors match different color interfaces (the red wire is connected to R interface; the green wire is connected to G interface; the blue wire is connected to B interface).

* The max running length is 5 meters, for over 5 meters please connect in parallel.


* Make sure of the total watts of LED Strip lights is less than 80% of the power supply's max output.

Applications

Residential lighting, decorative lighting.



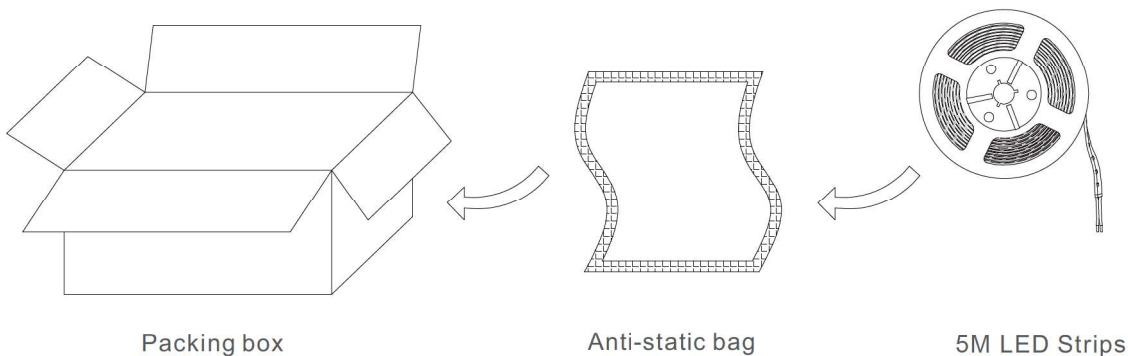
Accessories Information

Picture	Name	Description
	Silicone end cap	Silicone tail plug kit, suitable for 8mm FPCB width, IP67/IP68 series silicone extrusion LED strips.

Package

- ① 5 meters per roll, with 4 pcs silicon end caps.
- ② Each roll packed with anti-static bags, and label on it.
- ③ Each 40 rolls packed in one small carton, and two small cartons put in one big carton.
- ④ Out carton dimension: 40*40*27 cm
- ⑤ Out carton estimated G.W: 22.00kgs

Remark: Package is subject to change without notice depending on the actual order.



Attention

1. Do not use rough objects or cleaner to wipe products, also do not use high-voltage water to wash products, because it will damage the waterproof parts of lamp shell.
2. Do not use sharp objects to scratch products, and do not bend from side, extrusion, screw it, because there will damage internal components.
3. Do not pull or break it with excessive force; otherwise, products will be damaged.
4. Please recycling the product seriously after it reach its using lifespan. You also can get some advice from the local retailer.
5. Recommend working environment temperature should be -25 degrees - +40 degrees.
6. If the strip damages or there is a problem about wire insulation. Please don't use, and check regularly.