STRIP LED

LX-ST-DA120RGB-48V-5mm

IP 20/65 **DC48V**

5 GARANTIE CE RoHS 36,000

· RGB colorful strip
· Widely adaptable to all types of controllers
· High quality FPC, brand 3M tape
· One stop linear light source solution
· Ta: -25~40°C ；Tc：75°C（max）
· Rated current：0.19A(1m) 0.75A(5m)
· On-off times: 10000（test times）
· Max.length： 10000mm(32.8')
· Cutting unit：12leds/100mm(3.84")
· Min. bend diameter：Φ60mm(2.36")
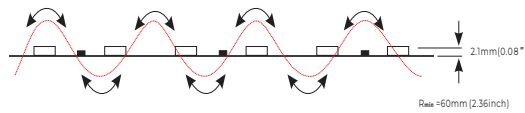· Mounting ： 3M tape
· Copper foil: 3oz

References

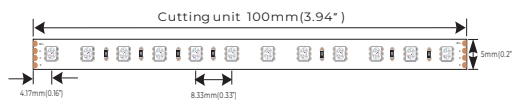| Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DA120RGB-48V-5mm	9W/(1m) & 36W/(5m)	10.4W(1m)	440lm	Ra>80	R:620-625nm G:520-525nm B:455-460nm	IP20/65	5000*5*2.5mm

1.The tolerance of output data can be vary up to 15%.
2.the output data tested according to IES TM-30-15.
3.the output data is based on IP20/1merter, data of 5m in only for reference.
4.IP protection process leads changes to size, CCT and luminous flux.

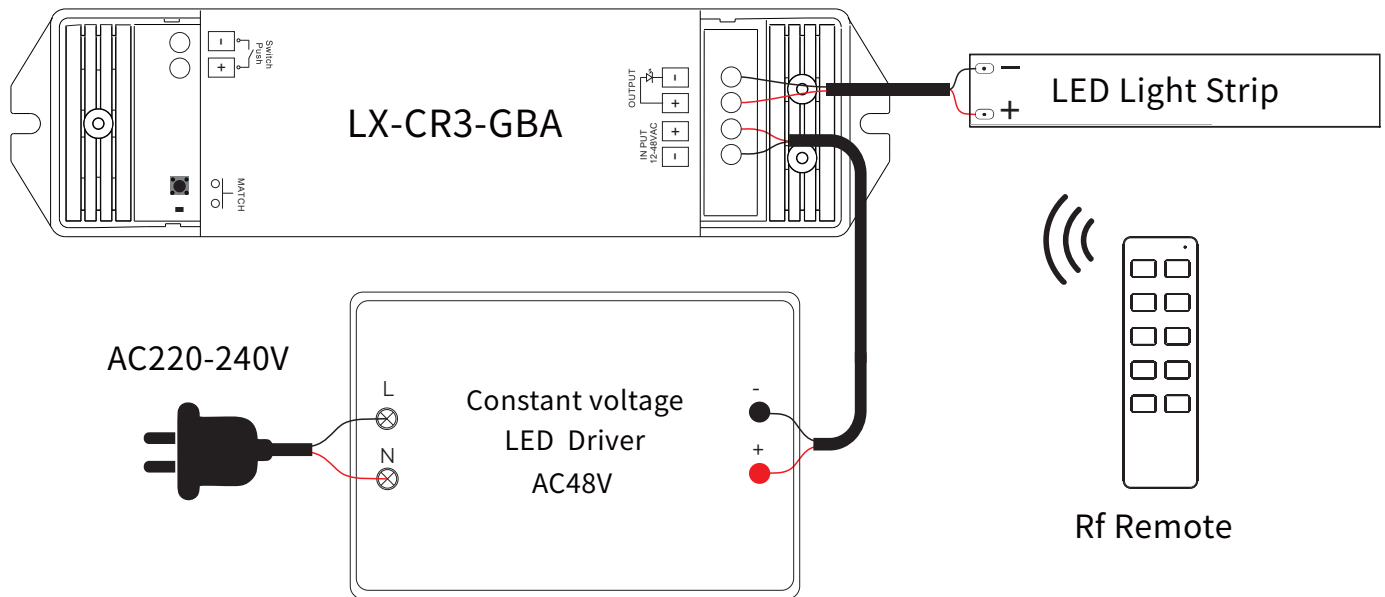# Dimensions

Electronic & output data

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	Lumen output rate
NO	NO/IP20	No proof	5mm*2.1mm	RGB	100%
NA	NANO/IP65	Nano-proof	5mm*2.1mm	RGB	98%

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Controller & Power Supply

Product Image	Product Name	Product number	Order Code	Product Specifications	Applicable Products
	RGB LED Strip Controller	LX-CR3-GBA	402-01-000000-00003	Input voltage :12-48VDC Max load current :6A*3CH,Max 18A Max load power:216W/432W@12V/24V/,648W/864@36V/48V. Operating temperature :-30℃-55℃ Product Size :L175*W45*H27(mm)	single light strip Use with (LX-CK4-GBA)
	RGB Remote	LX-CK4-GBA	402-02-000000-00003	Operating Voltage : 3VDC（Battery Working frequency 2.4GHz Remote control distance : 30m Operating temperature : -30℃-55℃ Product Size : L107*W58.5*H9(mm)	single light strip (Use with LX-CR3-) GBA
	Constant Voltage LED Driver	LX-BN-V48-100P	401-01-000000-00004	Input voltage : 220-240V Output voltage :48V Output Power :0-100W Output current :2.1A,PF>0.95 350×30×18mm, 5 years warranty.	RGB light

Wiring diagram

LX-CR3-GBA

Switch Push

OUTPUT

IN PUT 12-48VAC

MATCH

LED Light Strip

AC220-240V

L

N

Constant voltage LED Driver AC48V

Rf Remote

Note: This controller supports the Push function, and the 0-10V/Dall dimming function can be found in the EUCHIPS specification.

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Precautions

- Please drive the led strip with 48VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.

- Do not fold it in case any damage of LED beads.

· Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

- Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -250°C~400°C

- Storage temperature: 0°C~600°C. Please use the strips without waterproof within indoor environment with humidity less than 70%.

· Please be careful during operation. Do not touch the AC power supply in case of electric shock.

· Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

- Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

- Do not scratch the product when IP processof the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.

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