

Toning Series Specification

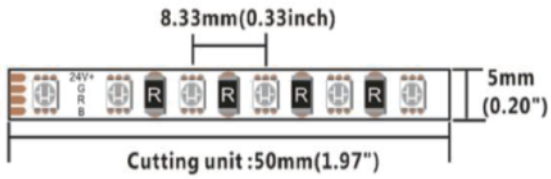
# DA120RGB

## 24V-5mm



## 【General description】

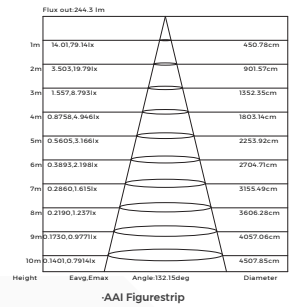
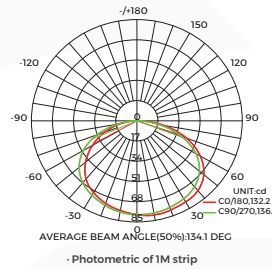
- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive, Smallest and thinnest with LED RGB
- Ta: -25-40°C; Tc: 75°C (max)



## 【Dimension】

Input voltage: DC24V  
 CRI: /  
 Max.power: 9W(1m)  
 Power range: 6.2~9W(1m)  
 Rated current: 0.31A(1m) 1.35A(5m)  
 Typical Power: 7.5W(1m) 32.4W(5m)  
 tape IP: IP20/IP65  
 On-off times: 10000 (test times)  
 Warranty: 3years  
 (Warranty is based on indoor use)

Max.length: 5000mm(16.4')  
 Cutting unit: 6leds/50mm(1.97")  
 LED pitch: 8.33mm(0.33")  
 Min. bend diameter:  $\Phi$ 60mm(2.36")  
 Mounting: 3M tape  
 Copper foil: 2oz



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	R:620-625nm	45	13	20	/
/	G	G:520-525nm	210	64	78	/
/	B	B:455-460nm	40	12	18	/
/	RGB	/	290	88	39	/

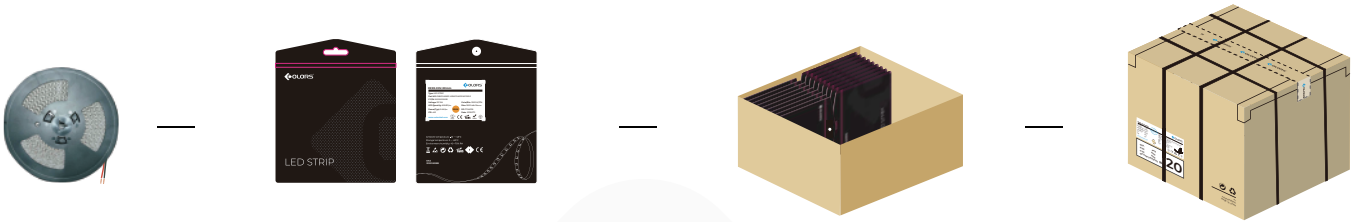
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/Imeter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

## 【Electronic & output data】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	5mm*1.5mm	RGB	100%
NA		Nano-proof	5mm*1.5mm	RGB	98%

## 【Packing】

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*5*1.5	5	400	0.095	7.6	8.74	41*41*26
NA	5000*5*1.5	5	400	0.097	7.76	8.924	41*41*26

Remark: data with 10% tolerance

## 【Precautions】

- Please drive the led strip with 24VDC 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: -25 C ~40 C. Storage temperature: 0 C ~60 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 process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.