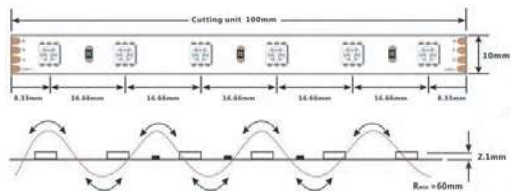


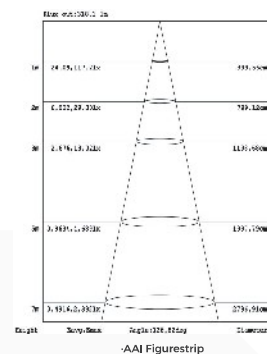
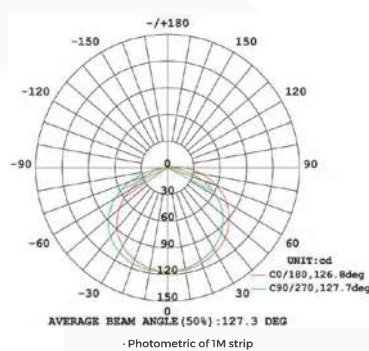
### 【General description】

- RGB colorful strip
- 5050 LED with broader luminous surface
- Widely adaptable to all types of controllers, Self-encapsulated design
- High quality FPC, high thermal 3M adhesive
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)



### 【Dimension】

Input voltage: DC24V	Max.length: 5000mm
CRI: >0	Cutting unit: 6leds/100mm
Max.power: 14.4W(1m)	LED pitch: 16.66mm
Power range: 11.5 ~14.4W(1m)	Min. bend diameter: Φ60mm
Rated current: 0.52A(1m) /2.22A(5m)	Mounting: 3M tape
Typical Power: 12.5W(1m) /53.3W(5m)	Copper foil: 2oz
tape IP: IP20/IP65/IP67	
On-off times: 10000 (test times)	
Warranty: 5years	



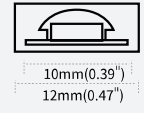
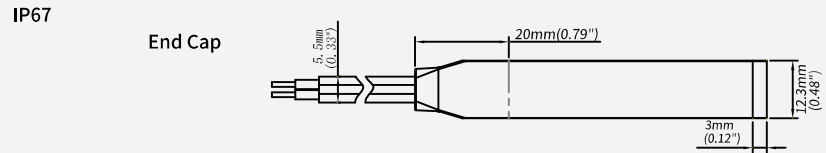
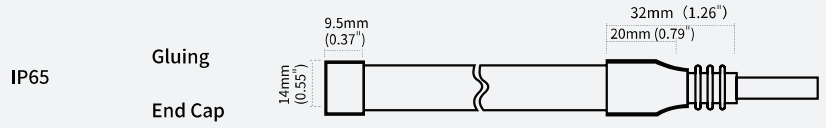
### 【Photo-electric Parameters】

CRI	Color	Wavelength	Lumen(lm)	lm/W	Energy efficiency class
0	Red	625	108	/	/
0	Green	525	279	/	/
0	Blue	470	55	/	/
0	RGB	/	416	/	/

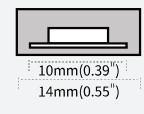
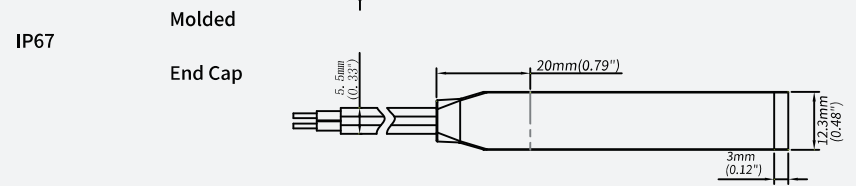
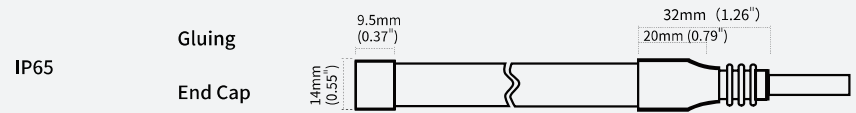
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1mterter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

**[IP process information]**





ET



EF



## 【IP Process Parameters】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	RGB	100%
NA		Nano-proof	10mm*1.6mm	RGB	98%
ET		Extrusion tube	12mm*4.8mm	RGB	88%
EF		Extrusion filling	12mm*5mm	RGB	86%

## 【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.