

Toning Series Specification

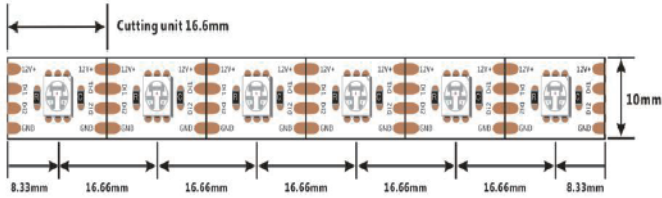
DS560RGB

12V-10mm



General description

- RGB colorful strip
- LED built into IC, and IC has break point transmission function
- controllers which support UCS19**, UCS29**, TM18**, SM167**, WS28**, GS82**, SK6812, DM613P are recommended
- Ta: -20~40° C; Tc=75° (max)



Dimension

- Input voltage: DC12V
 CRI: /
 Max.power: 9.3W(1m)
 Power range: 7.5~9.3W(1m)
 Rated current: 0.7A(1m) 3.2A(5m)
 Typical Power: 8.4W(1m) 38.4W(5m)
 tape IP: IP20/IP65/IP67
 On-off times: 10000 (test times)
 Warranty: 2years
 (Warranty is based on indoor use)

Max.length: 5000mm(16.4')
 Cutting unit: 16.66mm(0.66")
 LED pitch: /
 Min. bend diameter: Φ60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz

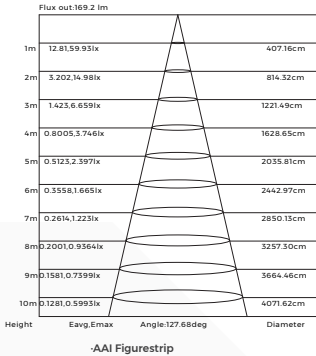
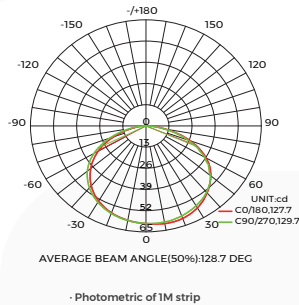


Photo-electric Parameters

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	R:620-625nm	/	/	/	/
/	G	G:520-525nm	/	/	/	/
/	B	B:455-460nm	/	/	/	/
/	RGB	/	207	63	27	/

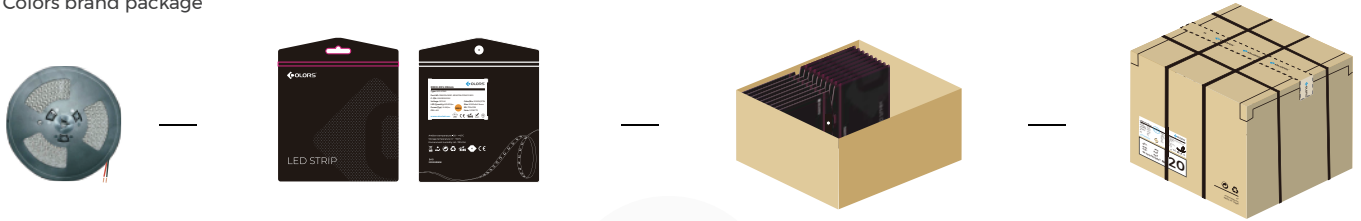
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter , data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

Electronic & output data

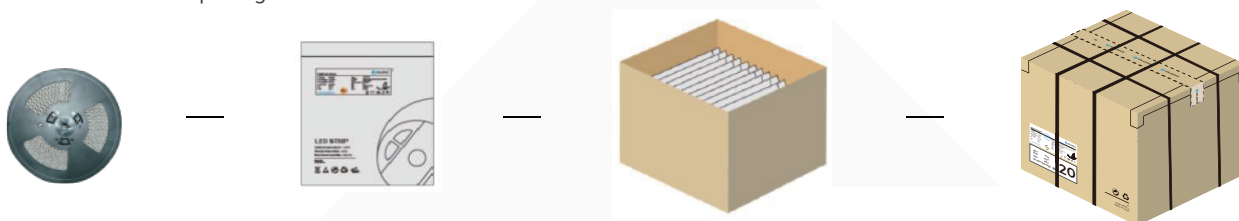
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.6mm	RGB	100%
NA		Nano-proof	10mm*1.6mm	RGB	98%

【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*10*1.6	5	250	0.125	6.25	7.19	41*41*26
NA	5000*10*1.6	5	250	0.131	6.55	7.53	41*41*26

Remark: data with 10% tolerance

【Precautions】

- Please drive the led strip with 12VDC 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℃~40℃. Storage temperature: 0℃~60℃. 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.