

Toning Series Specification

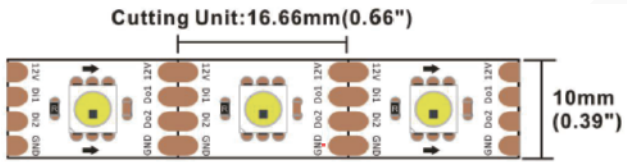
# DS560

## 12V-10mm



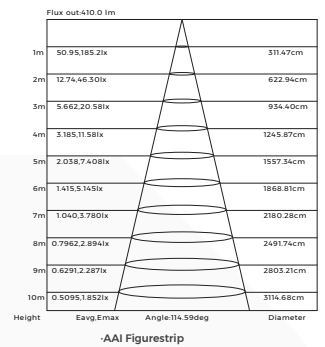
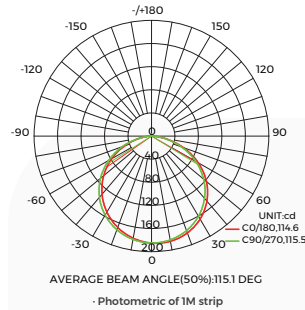
## 【General description】

- Supply 12V, 60 Pixels/m, single color individual control SPI 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: -25-40°C; Tc: 75°C (max)



## 【Dimension】

- |                                   |  |
|-----------------------------------|--|
| Input voltage: DC12V              | Max.length: 5000mm(16.4')              |
| CRI: 80                           | Cutting unit: 16.66mm(0.66")           |
| Max.power: 9.3W(1m)               | LED pitch: /                           |
| Power range: 7.5~9.3W(1m)         | Min. bend diameter: $\Phi$ 60mm(2.36") |
| Rated current: 0.7A(1m) 2.8A(5m)  | Mounting: 3M tape                      |
| Typical Power: 8.4W(1m) 33.6W(5m) | Copper foil: 3oz                       |
| tape IP: IP20/IP65                |  |
| On-off times: 10000 (test times)  |  |
| Warranty: 2years                  |  |
| (Warranty is based on indoor use) |  |



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
80	SW	2700K	500	152	60	/
80	WW	3000K	530	161	63	/
80	NW	4000K	535	163	64	/
80	W	6000K	530	161	63	/

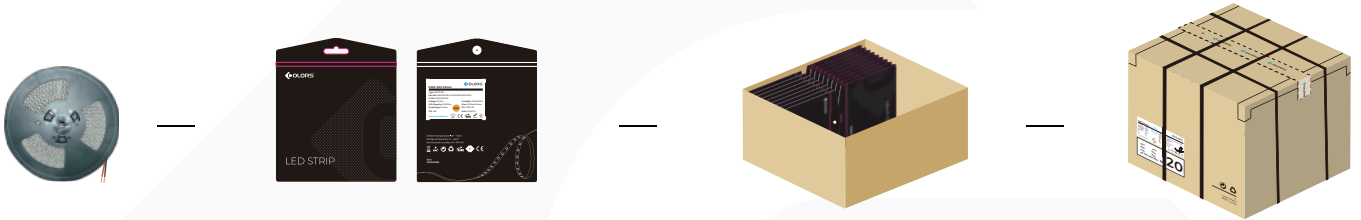
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/lmmerter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

**【Electronic & output data】**

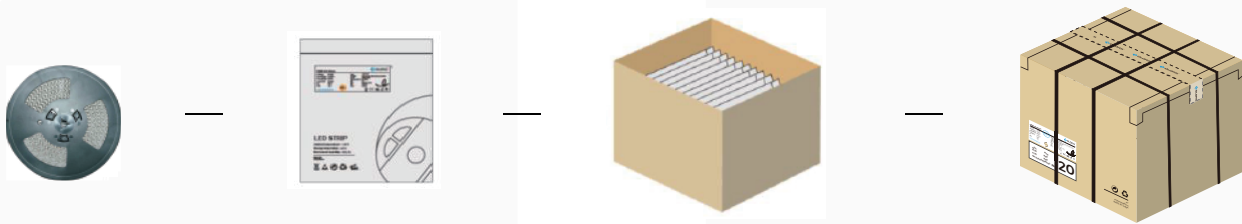
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*2.1mm	2700K/6000K	100%
NA	 NANO/IP65	Nano-proof	10mm*2.1mm	2700K/6000K	98%

**【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*2.1	5	250	0.125	6.25	7.19	41*41*26
NA	5000*10*2.1	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 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.