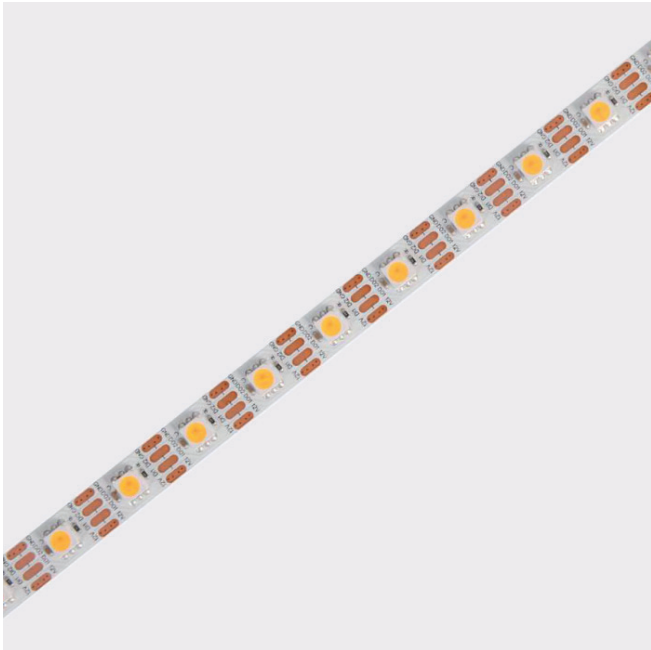


# STRIP LED



LX-ST-DS560-12V-10mm

<b>IP</b> 20/65	<b>CRI</b> >80	<b>DC12V</b>
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- 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)
- Rated current : 0.7A(1m) 2.8A(5m)
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : : 16.66mm(0.66")
- Min. bend diameter :  $\Phi$ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 3oz



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L I G H T I N G

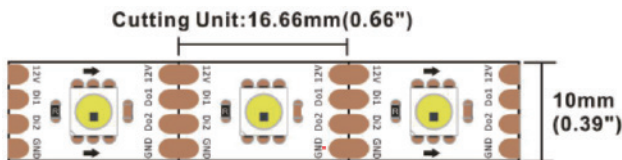
[www.luxio-lighting.com](http://www.luxio-lighting.com)

## References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DS560-12V-10mm	8.4W/(1m) & 33.6W/(5m)	9.3W(1m)	500lm	>80	2700K	IP20/65	5000*10*2.1mm
			530lm		3000K		
			535lm		4000K		
			530lm		6000K		

- 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 proof	10mm*2.1mm	2700K/6000K	100%
NA		Nano-proof	10mm*2.1mm	2700K/6000K	98%

## 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.