

# STRIP LED



LX-ST-DS980-24V-10mm

<b>IP</b> 20/65	<b>CRI</b> >80	<b>DC24V</b>
--------------------	-------------------	--------------



- Luminance efficiency up to 150LM/W
- Self-encapsulated design offers eight optional 1900-6000K white lights
- With life span over 60000H
- Ta: -25~40°C ; Tc : 75°C (max)
- Rated current : 0.83A(1m) /3.5A(5m)
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : 8leds/100mm(3.93")
- Min. bend diameter : Φ60mm(2.36")
- Mounting : PVC clip/silicone clip
- Copper foil: 3oz



**luxio**  
L I G H T I N G

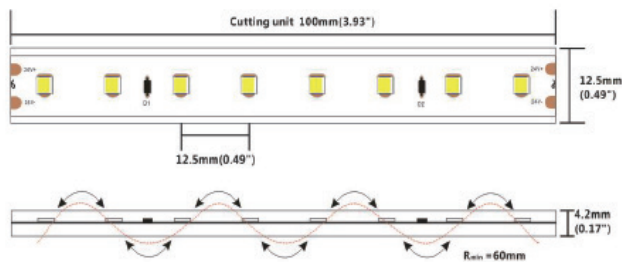
[www.luxio-lighting.com](http://www.luxio-lighting.com)

## References


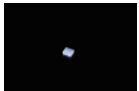

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DS980-24V -10mm	4.8W/(1m) & 24W/(5m)	5W(1m)	2280lm	>80	2700K	IP20/IP65	5000*12.5*4.2mm
			2530lm		3000K		
			2735lm		4000K		
			2880lm		6500K		

- 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 IP65/1merter, data of 5m in only for reference.


## Dimensions



## IP process information

Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	LX-FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
No silicone hole plug		94-02-00-0009	LX-DW10SA-A	Silicone end cap without hole ,suitable for 10mm FPC, IP65 waterproof strip
Silicone single hole plug		94-02-00-0012	LX-DT10SA-A	Silicone end cap without hole,suitable for 10mm FPC, IP65 waterproof single color strip
Mounting groove		94-02-00-0025	LX-CVT10EA-14100100	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	LX-PG-0003	Silicone gel,suitable for ET/EF/EG waterproof LED strip

## Electronic & output data

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	Lumen output rate
NAST	 NAST(IP65)	Nano casing waterproof	12.5mm*4.2mm	2700K/3000K/4000K/6500K	93%

## 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: -250°C~400°C
- Storage temperature: 0°C~600°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.