

STRIP LED



LX-ST-DS8120-24V-12mm

IP 20/65/67	CRI >80/90/95	DC24V
-----------------------	-------------------------	--------------



- 20m long strip driven by one end power supply with the same brightness from end to end and luminous flux up to 1000lm/M
- 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 : 0.363A(1m) /7.1A(20m)
- On-off times: 10000 (test times)
- Max.length : 20000mm(65.6')
- Cutting unit : 6leds/50mm(1.97")
- Min. bend diameter : Φ60mm(2.36")
- Mounting : 3M tape
- Copper foil: 3oz



luxio
L I G H T I N G

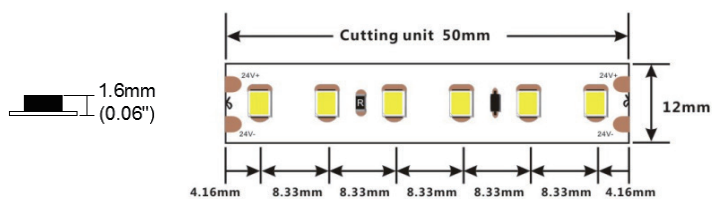
www.luxio-lighting.com

References

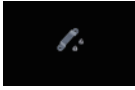




Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DS8120-24V-12mm	8.7W/(1m) & 170.4W(20m)	9.6W(1m)	800lm	Ra>80	1900K	IP20/65/67	20000*12*1.6mm
			875lm		2300K		
			930lm		2700K		
			970lm		3000K		
			990lm		3500K		
			1005lm		4000K		
			1005lm		5000K		
			970lm		6000K		
			680lm	Ra>90	1900K		
			760lm		2300K		
			810lm		2700K		
			850lm		3000K		
			870lm		3500K		
			890lm		4000K		
			890lm		5000K		
			850lm		6000K		
			495lm	Ra>95	1900K		
			570lm		2300K		
			625lm		2700K		
			675lm		3000K		
			640lm		3500K		
			660lm		4000K		
			660lm		5000K		
			/		Ra>0		
			/	B 470nm			

- 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.

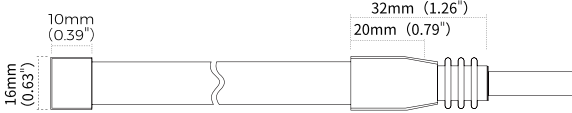

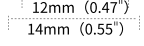

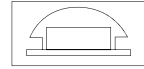
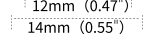
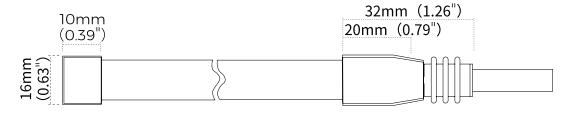

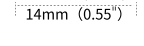


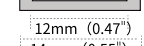
Dimensions







Accessories Information

Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0004	LX-FSW12SA	Silicone clip, screw: PA 3*8mm, suitable for 12mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0048	LX-DT12EA-A	Silicone plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0049	LX-DW12EA-A	Silicone tail plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip
Mounting groove		94-02-00-0026	LX-CPT12EA-16100100	Transparent PVC mounting groove,suitable for 12mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	LX-AS-PG-0003	Silicone gel,suitable for ET/EF/EG/ERG waterproof LED strip

IP process information

ET	IP65	Gluing		
		End Cap		
	IP67	Molded		
		End Cap		
EF	IP65	Gluing		
		End Cap		
	IP68	Molded		
		End Cap		

Electronic & output data

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	Lumen output rate
NO	 NO/IP20	No proof	12mm*1.6mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	100%
NA	 NANO/IP65	Nano-proof	12mm*1.7mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	98%
ET	 ET/IP67	Extrusion tube	14mm*4.8mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	88%
EF	 EF/IP68	Extrusion filling	14mm*5mm	2300K/2900K/3400K/3850K/5800K/ 8750K/15000K/G/B	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: -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.