

STRIP LED



LX-ST-D8128-24V-8mm

IP 20/65/67	CRI >80/90/95	DC24V
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- Luminance efficiency up to 160LM/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 : 0.36A(1m) /1.5A(5m))
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : 8leds/62.5mm(2.46")
- Min. bend diameter : Φ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 3oz

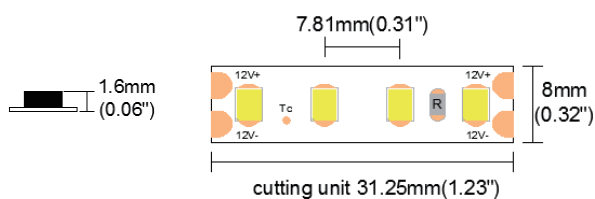


References

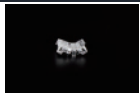

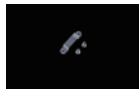









Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-D8128-24V-8mm	8.7W/(1m) & 36W/(5m)	9.6W(1m)	1055lm	Ra>80	1900K	IP20/IP65/IP67	5000*8*1.6mm
			1175lm		2300K		
			1270lm		2700K		
			1335lm		3000K		
			1355lm		3500K		
			1390lm		4000K		
			1390lm		5000K		
			1335lm		6000K		
			865lm	Ra>90	1900K		
			960lm		2300K		
			1035lm		2700K		
			1090lm		3000K		
			1105lm		3500K		
			1135lm		4000K		
			1135lm		5000K		
			1090lm	Ra>95	6000K		
			835lm		1900K		
			930lm		2300K		
			1005lm		2700K		
			1060lm		3000K		
			1075lm		3500K		
			1105lm		4000K		
			1105lm		5000K		
			825lm	Ra>0	G 525nm		
			175lm		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









IP process information

Name	Picture	Code	coding	description
Connector for wire and FPC		94-42-620800001	LX-TXB208-NOGA	8mm width, 2PIN connector of wire and FPC, suitable for white color strip, NO/NA, 2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-620800002	LX-TBB208-NOGA	8mm width, 2PIN connector of FPC and FPC, suitable for white color strip,NO/NA
Fixed Clip		94-02-00-0002	LX-FSW08SA	Silicone clip, screw: PA 3*8mm, suitable for 8mm FPC,EF/ET strip
Gas phase rubber plug		94-02-00-0038	LX-DT08EG-A	Translucent gas phase adhesive plug, suitable for 8mm wide silicone extrusion eg lamp with
Gas phase gel plugging		94-02-00-0039	LX-DW08EG-A	Translucent gas phase adhesive plug, suitable for 8mm wide silicone extrusion eg lamp with end plug
Silicone Plug Kit		94-02-00-0044	LX-DT08EA-A	Silicone plug kit, suitable for 8mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0045	LX-DW08EA-A	Silicone tail plug kit, suitable for 8mm board width, ET/EF series silicone extrusion light strip
Mounting groove		94-02-00-0024	LX-CVT08EA-12100100	Transparent PVC mounting groove,suitable for 8mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	LX-AS-PG-0003	Silicone gel,suitable for ET/EF/EG waterproof LED strip
ET solderless plug		94-03-00-0027	LX-PT208-ETWA	Monochromatic light strip, 8mm board width, ETS protection technology
ET press-fit terminals		94-03-00-0028	LX-CBX208-ETWA020	Monochromatic light strip, 8mm board width, ETS protection technology
ET press-fit terminal kit		94-03-00-0029	LX-STBX208-ETWA020	Monochromatic light strip, 8mm board width, ETS protection technology

IP process information

ET	IP65	Gluing End Cap		
	IP67	Molded End Cap		
EG	IP65	Gluing End Cap		
EF	IP65	Gluing End Cap		
	IP67	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	8mm*1.5mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	100%
NA	 NANO/IP65	Nano-proof	8mm*1.6mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	98%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	88%
EG	 EG/IP65	Extrusion curved tube	9.3mm*3.8mm	1900K/2300K/2700K/3000K/3500K/ 4000K/5000K/6000K/G/B	88%
EGR	 EGR/IP65	Milky white all-inclusive hollow arc extrusion	9.3mm*3.8mm	2300K/2700K/3000K/4000K/G/B	85%
EF	 EF/IP67	Extrusion filling	10mm*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.