

STRIP LED



LX-ST-DR880-24V-8mm

IP 20/65/67	CRI >80	DC24V
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- Reel to reel process, no soldering joint with max. 25m
- 160LM/W, new ErP D class
- With life span over 60000H, LM80 proved
- Ta: -25~40°C ; Tc : 75°C (max)
- Rated current : 0.28A(1m) 1.24A(5m)
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : 8leds/100mm(3.94")
- Min. bend diameter : Φ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 2oz



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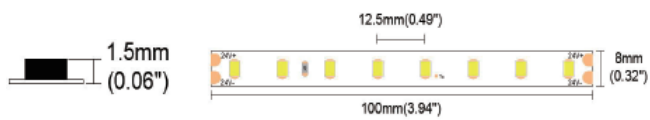
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References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DR880-24V-8mm	6.6W/(1m) & 29.7W/(5m)	7.2W(1m)	995lm	Ra>80	2700K	IP20/IP65/IP67	5000*8*1.5mm
			1035lm		3000K		
			1055lm		4000K		
			1020lm		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 IP20/1 merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.















Dimensions








IP process structure and size

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

Accessories Information

Name	Picture	Code	coding	description
Connector for FPC and FPC		81-01-000002-000034	LX-CBB208-NOTA	8MM-2P solder-free connector (board-to board)\ suitable for bare board 8mm width strip light
Connector for wire and FPC		81-01-000002-000035	LX-CXB208-NOTA	8MM-2P solderless connector(wire to board)\ Compatible with 20&22AWG wire\20#(6A);22#(4A)\ Applicable to bare board 8mm width lamp strip
Protective connector for FPC and FPC		81-01-000002-000054	LX-CBB208-EFWA	8MM-2P protective solderless connector (board to-board)\applicable to 8mm width\ EF lamp strip
Protective connector for FPC and FPC		81-01-000002-000055	LX-CXB208-EFWA	8MM-2P protective solderless connector(wire to board)\20AWG wire(6A)\applicable to 8mm width\EF lamp strip
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

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	2700K/3000K/4000K/6000K	100%
NA	 NANO/IP65	Nano-proof	8mm*1.6mm	2700K/3000K/4000K/6000K	98%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	2700K/3000K/4000K/6000K	88%
EC	 EC/IP65	Extrusion curved tube	9.3mm*3.8mm	2700K/3000K/4000K/6000K	88%
EF	 EF/IP67	Extrusion filling	10mm*5mm	3400K/3850K/5800K/15000K	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.