

STRIP LED



LX-ST-DS8150-48V-10mm



- Luminance efficiency up to 130LM/W
- Constance current design,brightness keeps the same
- 10 meters running by one end power
- Ta: -25~40°C ; Tc : 75°C (max)
- Rated current : 0.416A(1m) /4.16A(10m)
- On-off times: 10000 (test times)
- Max.length : 10000mm(32.8')
- Cutting unit : 15leds/100mm(3.94")
- Min. bend diameter : Φ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 3oz



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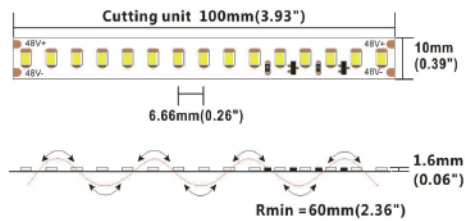
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References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-DS8150-48V -10mm	20W/(1m) & 200W/(10m)	22W(1m)	2360lm	Ra>80	2700K	IP20/IP65	10000*10*1.6mm
			2460lm		3000K		
			2460lm		3500K		
			2600lm		4000K		
			2600lm		5000K		
			2460lm		6500K		
			2005lm	Ra>90	2700K		
			2110lm		3000K		
			2150lm		3500K		
			2200lm		4000K		
			2200lm		5000K		
			2110lm		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 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/IP20	No proof	10mm*1.6mm	2700K/3000K/4000K/6500K	100%
NA	 NANO/IP65	Nano-proof	10mm*1.7mm	2700K/3000K/4000K/6500K	98%

IP process information

Name	Picture	Code	coding	description
Connector for FPC and FPC		81-01-000002-000038	LX-CBB210-NOTA	10MM-2P solder-free connector (board-to board)\ suitable for bare board 10mm width strip light
Connector for wire and FPC		81-01-000002-000039	LX-CXB210-NOTA	10MM-2P solderless connector(wire to board)\ Compatible with 20&22AWG wire\20#(6A);22#(4A)\ Applicable to bare board 10mm width lamp strip
L-connector for FPC and FPC		81-01-000002-000053	LX-CBBL210-NOTA	10MM-2P solderless (L) connectors (board-to board)\ for bare board 10mm width light strip

Precautions

- Please drive the led strip with 48VDC 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.