

STRIP LED



LX-ST-D6280SWW-48V-10mm

IP 20/65/67	CRI >90	DC48V
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- Three-wire dimmable color temperature, high-density light strip, widely matched with various controllers
- Ultra-thin thickness of 1.5mm, better matching profile
- With life span over 36000H
- Ta: -25~40°C ; Tc : 75°C (max)
- Rated current : 0.31A(1m) 3.13A(10m)
- On-off times: 10000 (test times)
- Max.length : 10000mm(32.8')
- Cutting unit : 28leds/100mm(3.94")
- Min. bend diameter : Φ60mm(2.36")
- Mounting : 3M tape
- Copper foil: 3oz



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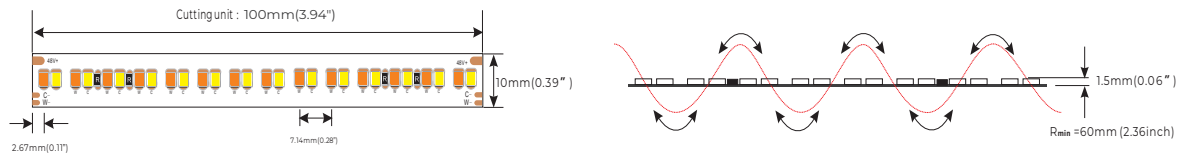
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References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-D6280SWW-48V-10mm	12W/(1m) & 180W/(15m)	13.8W(1m)	1330lm	Ra>80	2700K	IP20/65/67	10000*10*1.5mm
			1350lm		6000K		
			1400lm		2700K+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.



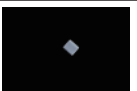


Dimensions



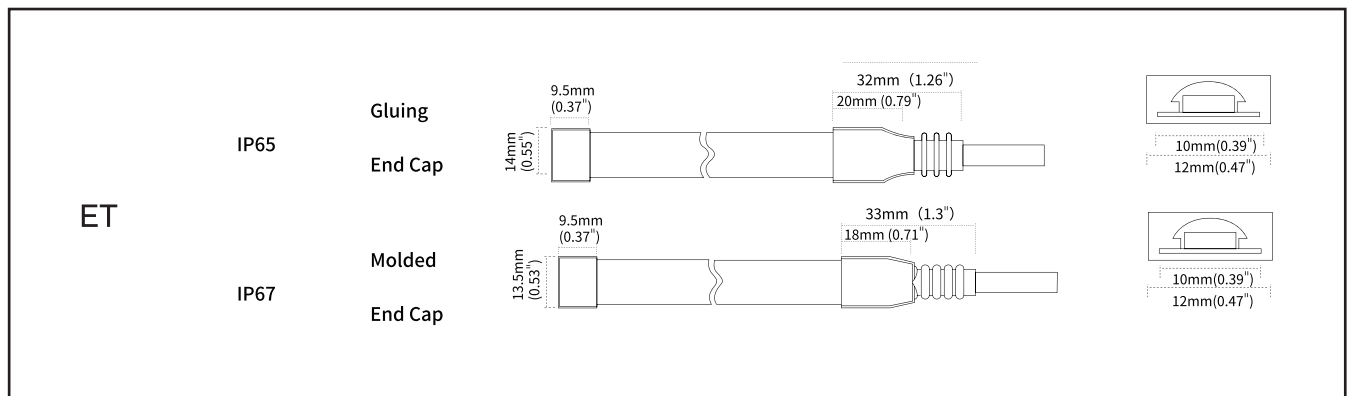
Electronic & output data

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	Lumen output rate
NO		No proof	10mm*1.5mm	2700K+6000K	100%
NA		Nano-proof	10mm*1.5mm	2700K+6000K	98%
ET		Extrusion tube	12mm*4.8mm	2700K+6000K	88%

Accessories 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
Silicone Plug Kit		94-02-00-0046	LX-DT10EA-A	Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0047	LX-DW10EA-A	Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light 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-AS-PG-0003	Silicone gel,suitable for ET/EF/EG waterproof LED strip

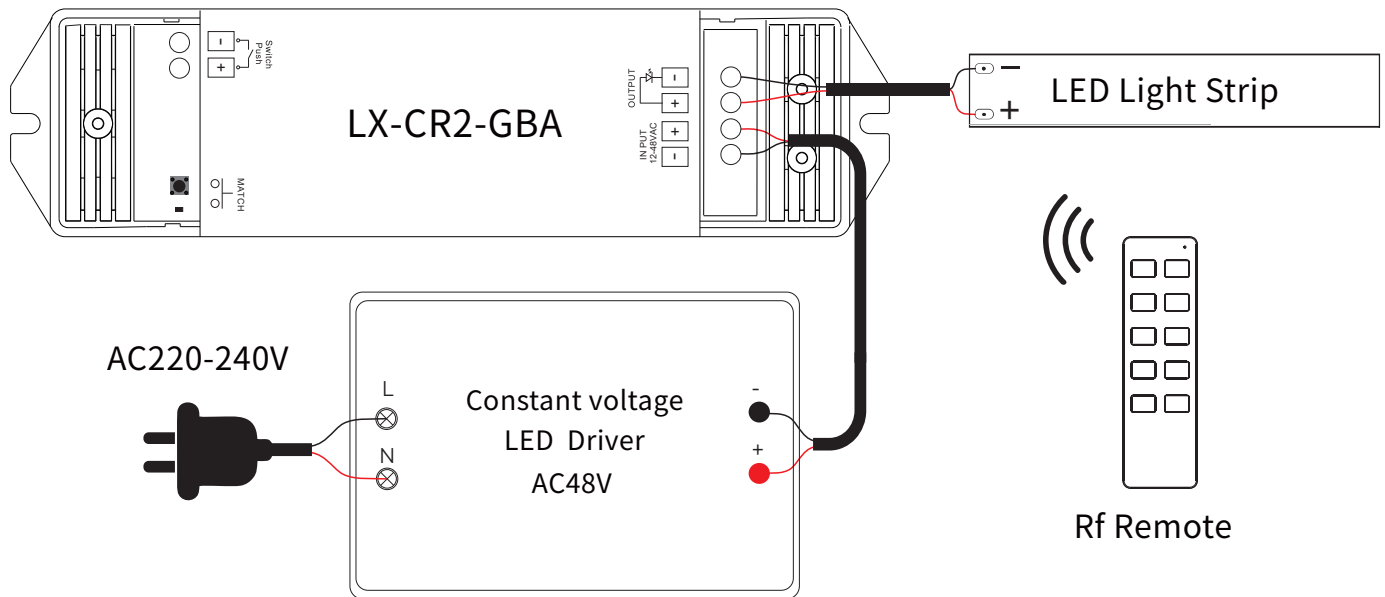
IP process information



Controller & Power Supply

Product Image	Product Name	Product number	Order Code	Product Specifications	Applicable Products
	Dimmer For LED Strip	LX-CR2-GBA	402-01-000000-00002	Input voltage :12-48VDC Max load current :8A*2CH,Max 16A 10A*1CH,Max10A@36/48V。 Max load power:192W/384W@12V/ 24V/,384W/576W@36V/48V。 Operating temperature : -30°C-55°C Product Size :L175*W45*H27(mm)	single light strip Use with (LX-CK2-GBA)
	CCT Remote	LX-CK2-GBA	402-02-000000-00002	Operating Voltage : 3VDC (Battery) Working frequency 2.4GHz Remote control distance : 30m Operating temperature : -30°C-55°C Product Size : L107*W58.5*H9 (mm)	single light strip (Use with LX-CR2-) GBA
	Constant Voltage LED Driver	LX-BN-V48-150P	401-01-000000-00005	Input voltage : 220-240V Output voltage :48V Output Power0-150W Output current :2.1A,PF>0.95 350×30×18mm, 5 years warranty.	48V light

Wiring diagram



Note: This controller supports the Push function, and the 0-10V/Dall dimming function can be found in the EUCHIPS specification.



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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.