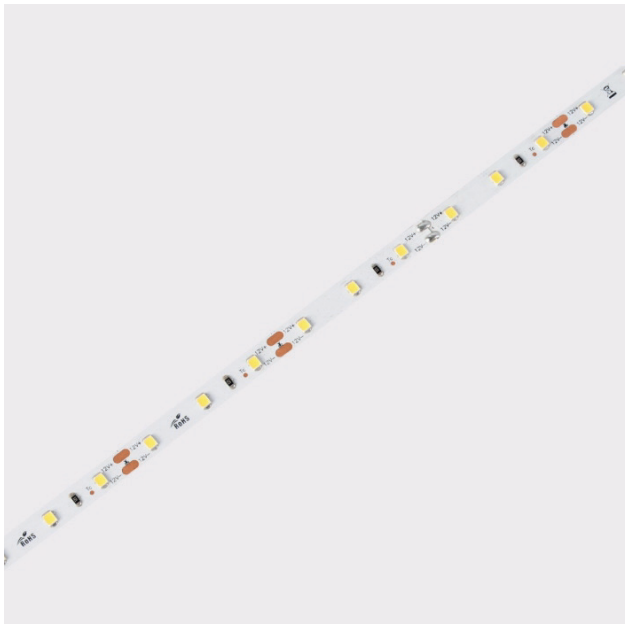
STRIP LED



LX-ST-D860-12V-8mm

IP	CRI	
20/65/67	80/90/95	DC12V

Double leds per cut for 12V， easily for customized application

· Self-encapsulated design offers 5 optional 1900-6000K white lights
· High quality PFC, high thermal 3M adhesive
· With life span over 60000H
· Ta: -25~40°C；Tc：75°C（max）
· Rated current：0.56A(1m) /2.27A(5m)
· On-off times: 10000（test times）
· Max.length： 5000mm(16.4')
· Cutting unit：3leds/50mm(1.98")
· Min. bend diameter：Φ60mm(2.36")
· Mounting： 3M tape
· Copper foil: 2oz

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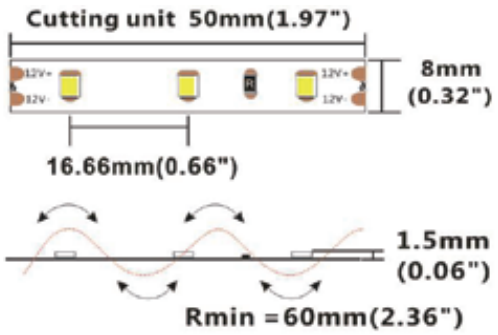
References

Reference	Typical Power	Max Power	Luminous flux/m	CRI	CCT/K	IP Rating	Dimensions
LX-ST-D860-12V-8mm	8.8W/(1m) & 31.7W/(5m)	9.6W(1m)	640lm	Ra>80	1900K	IP20/IP65/IP67	5000*8*1.5mm
			700lm		2300K		
			750lm		2700K		
			790lm		3000K		
			800lm		3500K		
			825lm		4000K		
			825lm		5000K		
			790lm		6000K		
			510lm	Ra>90	1900K		
			560lm		2300K		
			600lm		2700K		
			630lm		3000K		
			640lm		3500K		
			660lm		4000K		
			660lm		5000K		
			630lm		6000K		
			469lm	Ra>95	2700K		
			515lm		3000K		
			572lm		3500K		
			572lm		4000K		
			/	0	520-530nm		
			/		465-470nm		

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



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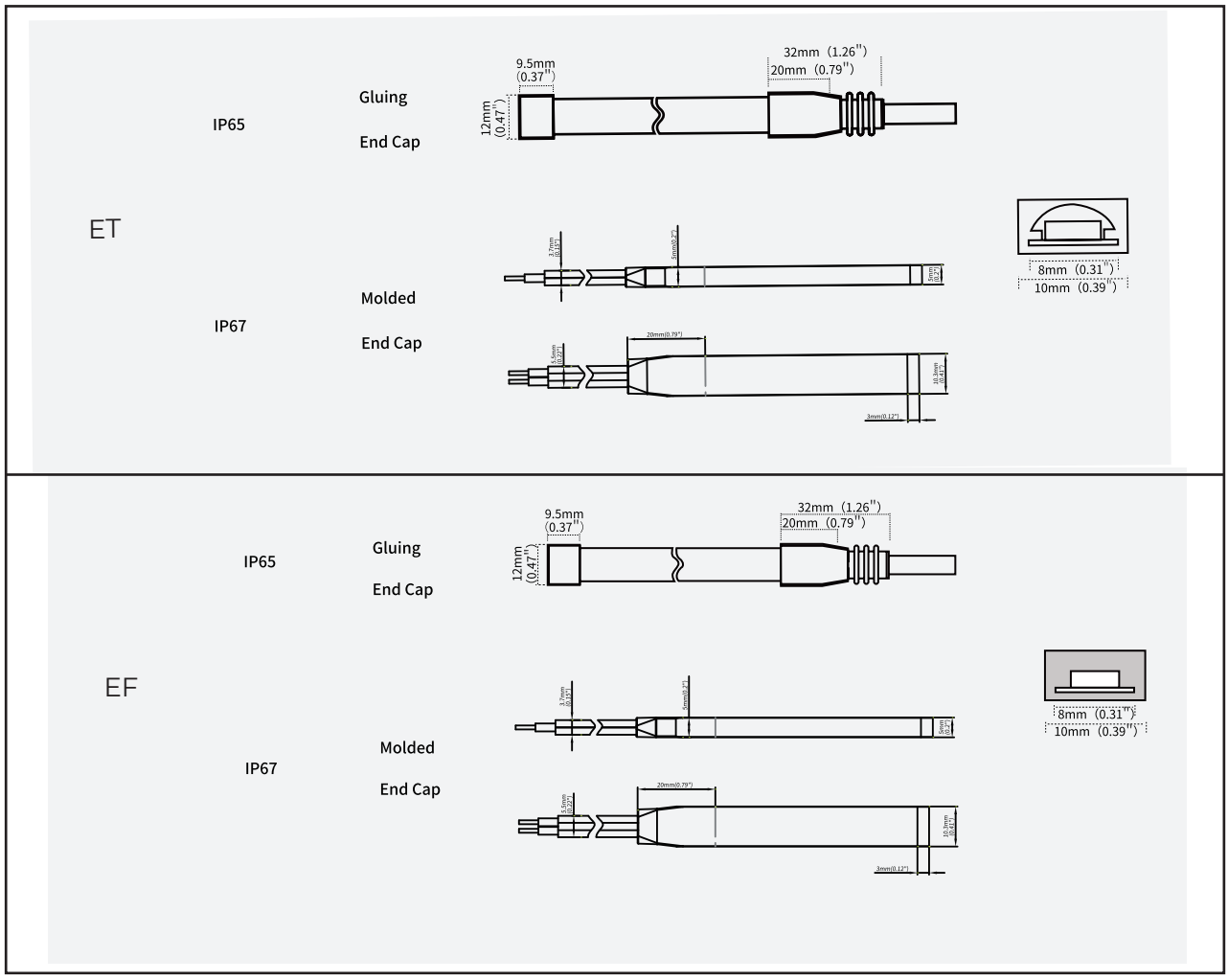
Electronic & output data

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%
EF	EF/IP67	Extrusion filling	10mm*5mm	2300K/2900K/3400K/3850K/5800K/8750K /15000K/G/B	86%

IP process structure and size



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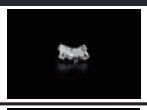
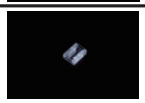
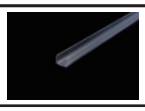
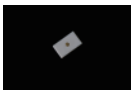
Accessories Information

Name	Picture	Code		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
Slim connector		81-01-000000-000064	LX-TBB208-NOTA	Suitable for 8mm board width, IP20, 2PIN board-to-board solderless terminal
Slim connector		81-01-000000-000066	LX-TXB208-NOTA012	Suitable for 8mm board width, IP20, 2PIN wire- to-board solderless terminal
Fixed Clip		94-02-00-0002	LX-FSW08SA	Silicone clip, screw: PA 3*8mm, suitable for 8mm FPC,EF/ET strip
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, ET protection technology
ET press-fit terminals		94-03-00-0028	LX-CBX208-ETWA020	Monochromatic light strip, 8mm board width, ET protection technology
ET press-fit terminal kit		94-03-00-0029	LX-STBX208-ETWA020	Monochromatic light strip, 8mm board width, ET protection technology

Precautions

- Please drive the led strip with 12VDC isolated power, and the ripple of the constant voltage source should beless 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: -25°C~40°C.Storage temperature: 0°C~60°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 processof the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.