

CLASSIC Series Specification

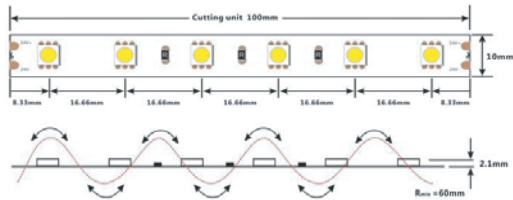
D560

24V-10mm



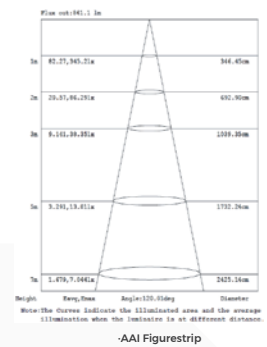
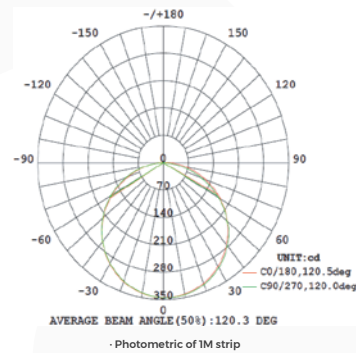
【General description】

- Double leds per cut for 24V, easily for customized application.
- 5050 LED with broader luminous surface.
- Self-encapsulated design offers six optional 2300-6000K white lights and four optional R/G/B/Y colorful lights.
- High quality FPC, high thermal 3M adhesive.
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C(max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

Input voltage: DC24V	Max.length: 5000mm
CRI: >80/95	Cutting unit: 6leds/100mm
Max.power: 14.4W(1m)	LED pitch: 16.66mm
Power range: 11.5 ~14.4W(1m)	Min. bend diameter: Φ60mm
Rated current: 0.52A(1m) /2.39A(5m)	Mounting: 3M tape
Typical Power: 12.5W(1m) /57.63W(5m)	Copper foil: 2oz
tape IP: IP20/IP65/IP67	
On-off times: 10000 (test times)	
Warranty: 5 years indoor / 3 years outdoor	

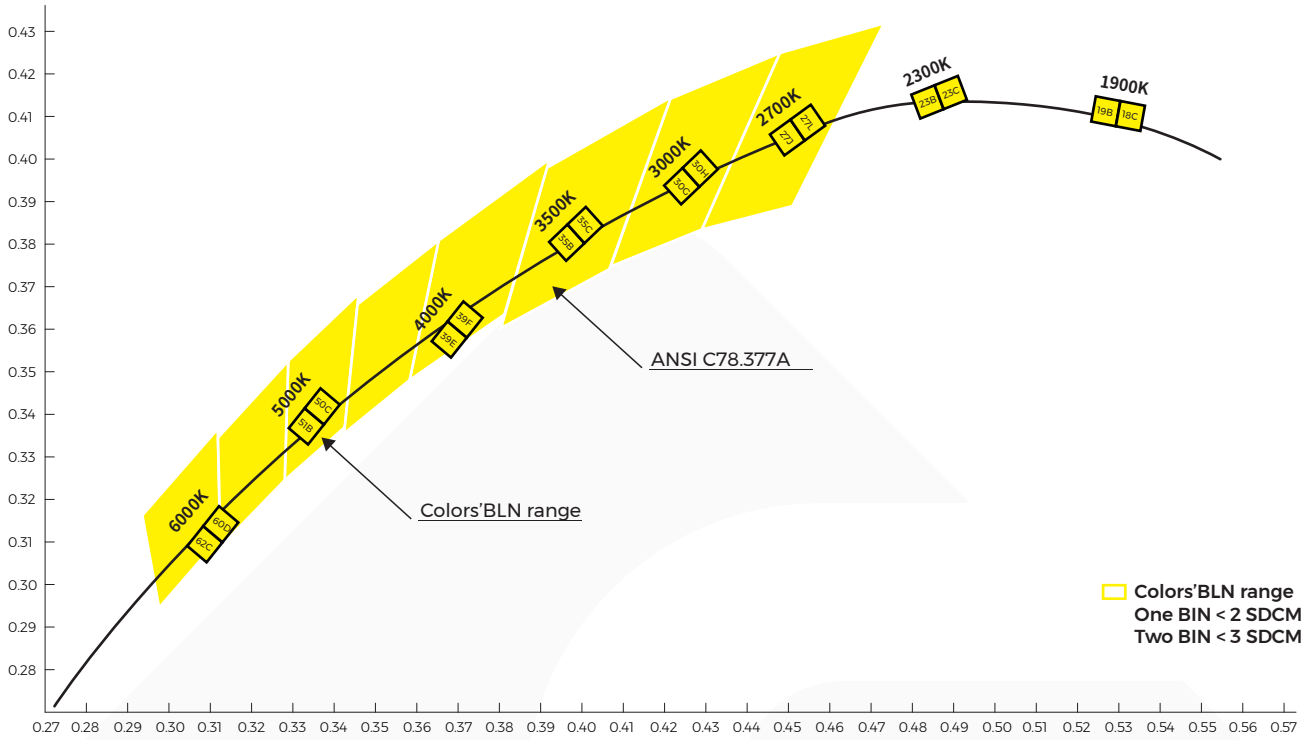


【Photo-electric Parameters】

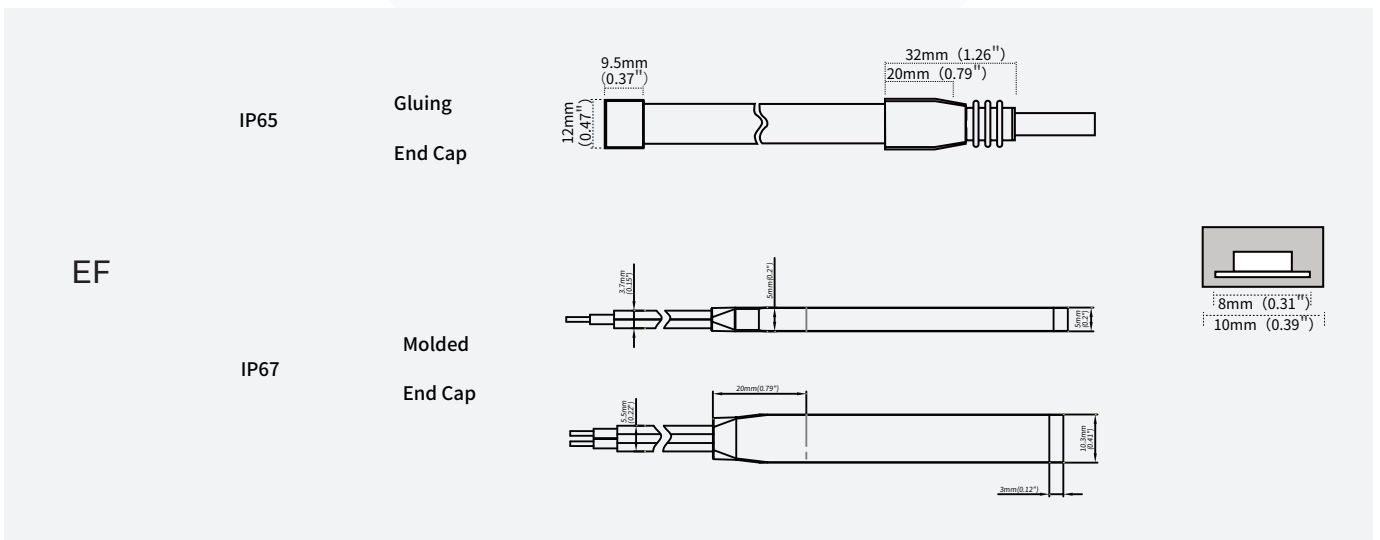
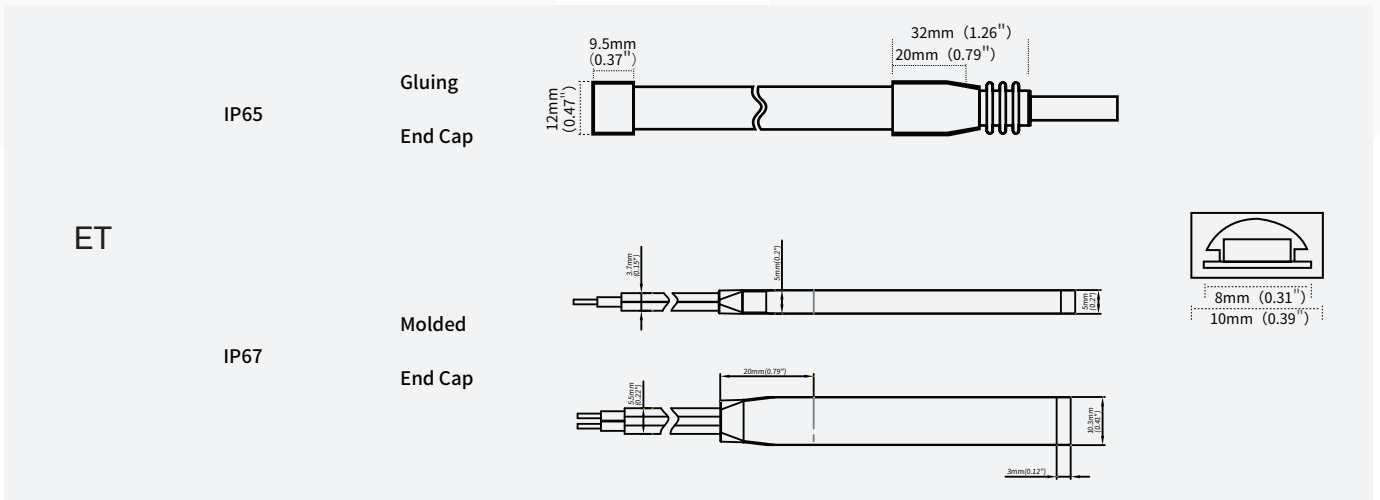
CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	LW	2500K	976	78	/
Ra>80	SW	2700K	1044	84	/
Ra>80	WW	3000K	1101	88	/
Ra>80	NW	4000K	1135	91	/
Ra>80	W	6000K	1101	88	/
Ra>95	SW	2700K	750	60	/
Ra>95	WW	3000K	824	66	/
Ra>95	NW	4000K	915	73	/
0	R	620-630nm	/	/	/
0	G	525-530nm	/	/	/
0	B	465-475nm	/	/	/
0	Y	465-470nm	/	/	/

- 1.The tolerance of output data can be vary up to 10%.
- 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.





[BIN]



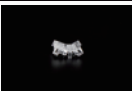








[IP process structure and size]



【IP Process Parameters】

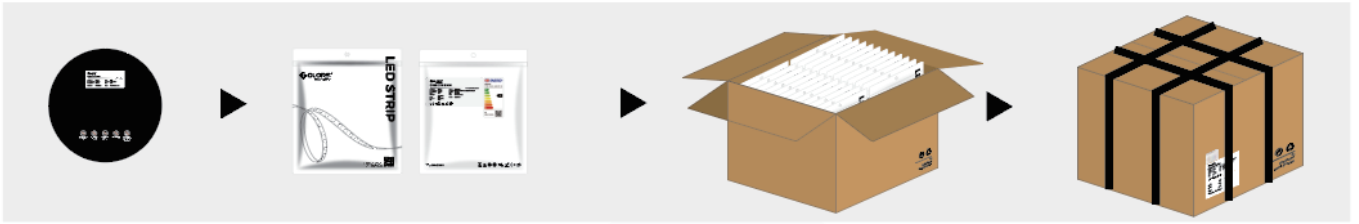
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*1.5mm	300K/2700K/3000K/4000K/6000K/R/G/B/Y	100%
NA	 NANO/IP65	Nano-proof	10mm*1.6mm	300K/2700K/3000K/4000K/6000K/R/G/B/Y	98%
ET	 ET/IP67	Extrusion tube	12mm*4.8mm	2300K/2700K/3000K/4000K/6000K/12000K/R/G/B/Y	88%
EF	 EF/IP67	Extrusion filling	12mm*5.0mm	3200K/3600K/5200K/12000K/R/G/B/Y	86%

【Accessories Information】

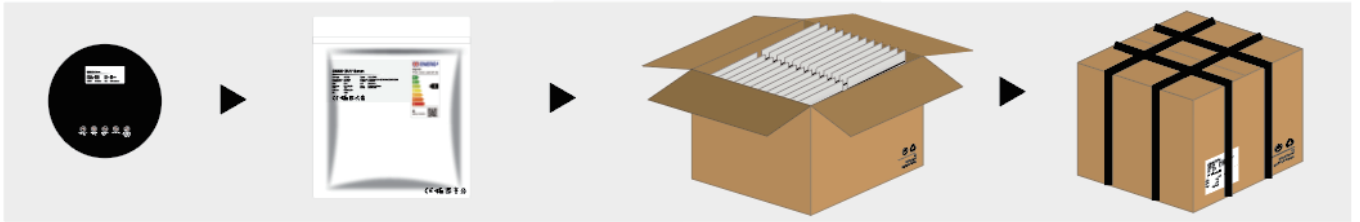
Name	Picture	Code	description	
Connector for wire and FPC		94-03-00-0037	TXB210-NOGA	10mm width, 2PIN connector of wire and FPC, suitable for white color strip, NO/NA, 2PIN wire 18-22AWG
Connector for FPC and FPC		94-42-621020004	TBB210-NOGA	10mm width, 2PIN connector of FPC and FPC, suitable for white color strip, NO/NA
Slim connector		81-01-000000-000065	TBB210-NOTA	Suitable for 10mm board width, IP20, 2PIN board-to-board solderless terminal
Slim connector		81-01-000000-000067	TXB210-NOTA012	Suitable for 10mm board width, IP20, 2PIN wire-to-board solderless terminal
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC, EF/ET strip
Silicone Plug Kit		94-02-00-0046	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	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	CVT10EA-14100100	Transparent PVC mounting groove, suitable for 10mm FPC, silicone extruded EF/ET strip
Stopper glue		94-16-03010001	AS-PG-0003	Silicone gel, suitable for ET/EF/EG waterproof LED strip

【Packing】

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*10*2.1	5	250	0.125	6.25	7.187	41*41*26
NA	5000*10*2.1	5	250	0.131	6.55	7.532	41*41*26
ET	5000*12*4.8	5	200	0.475	19.0	21.85	41*41*26
EF	5000*12*5.0	5	200	0.542	21.68	24.932	41*41*26

Remark: data with 10% tolerance

· Engineering packaging of ET(IP67)/EF(IP67)

(free-soldering end caps with 40 cover per box could be ordered separately if needed)



· Engineering packaging of NO(IP20)/NA(IP65).



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*10*2.1	50	500	1.25	12.5	14.375	41*41*26
NA	5000*10*2.1	50	500	1.31	13.1	16.065	41*41*26
ET	5000*12*4.8	50	100	4.85	9.7	11.155	25.5*25.5*26
EF	5000*12*5.0	50	100	5.52	11.04	12.69	25.5*25.5*26

Remark data with 10% tolerance

【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: -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 process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.