

SMD Series Specification

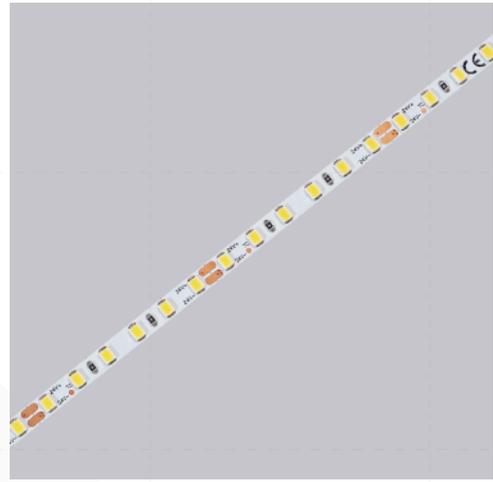
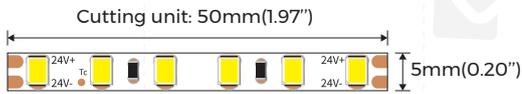
# DJ120

## 24V-5mm



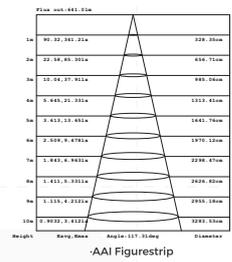
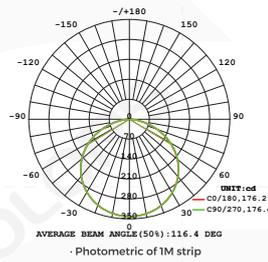
## 【General description】

- High quality FPC, high thermal 3M adhesive
- Super slim width with board width only 5mm
- With life span over 36000H
- IP20/IP65 applied
- Ta: -25-40°C; Tc: 75°C(max)
- UL/UACK/CE/ROHS/REACH certification



## 【Dimension】

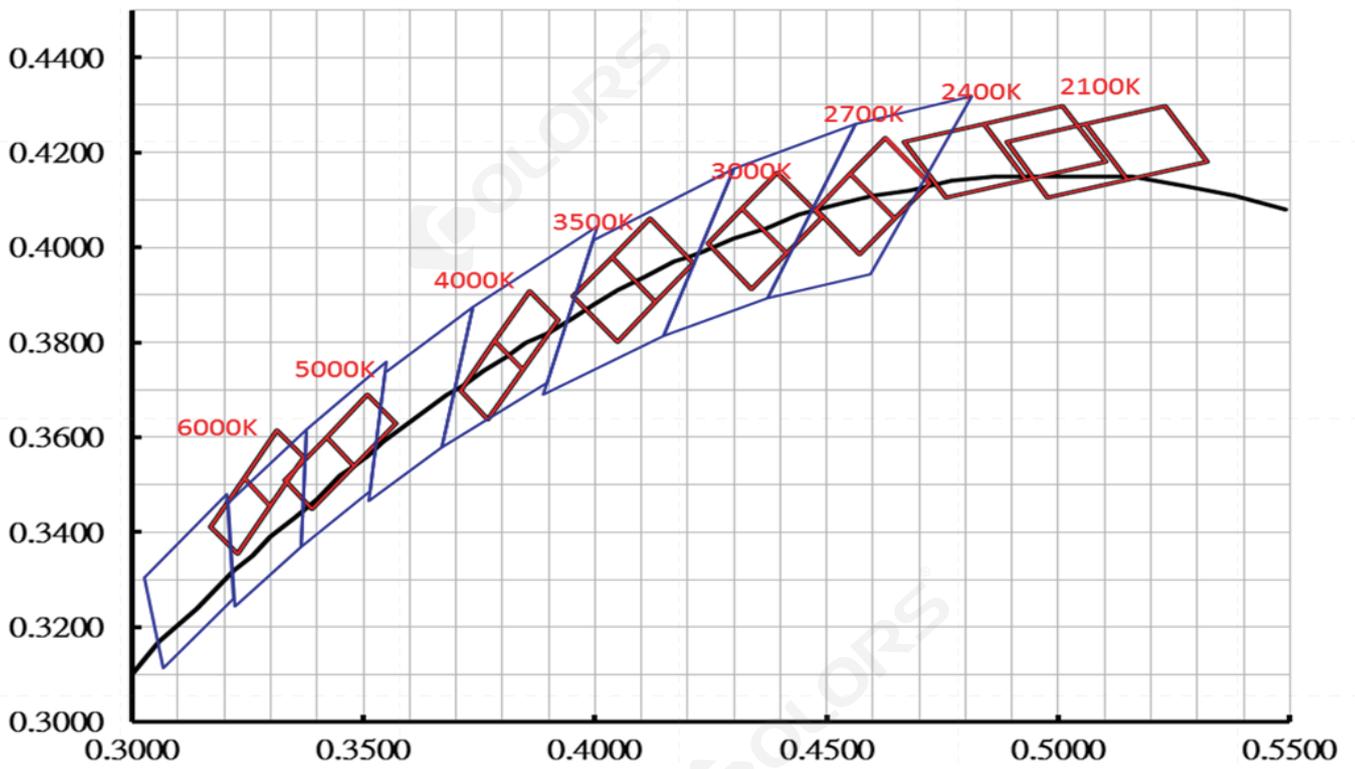
Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: 90	Cutting unit: 6leds/50mm(1.97")
Max.power: 10.6W(1m)	LED pitch: 8.33mm(0.33")
Power range: 8.6~10.6W(1m)	Min. bend diameter: $\Phi$ 60mm(2.36")
Rated current: 0.4A(1m)	Mounting: 3M tape
Typical Power: 9.6W(1m)	Copper foil: 3oz
tape IP: IP20/IP65	
Warranty: 3 years indoor / 2 years outdoor	



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	815	248	85	/
Ra>90	WW	3000K	860	262	90	/
Ra>90	PW	3500K	910	277	95	F
Ra>90	NW	4000K	910	277	95	F
Ra>90	W	6500K	910	277	95	F

- 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/lmerter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

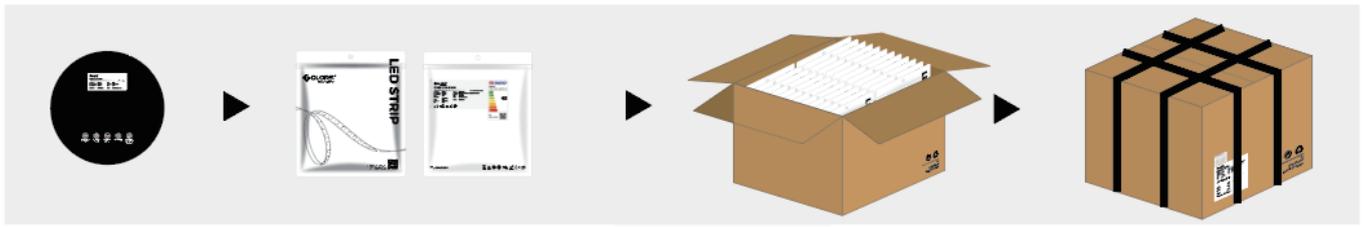


**【Electronic & output data】**

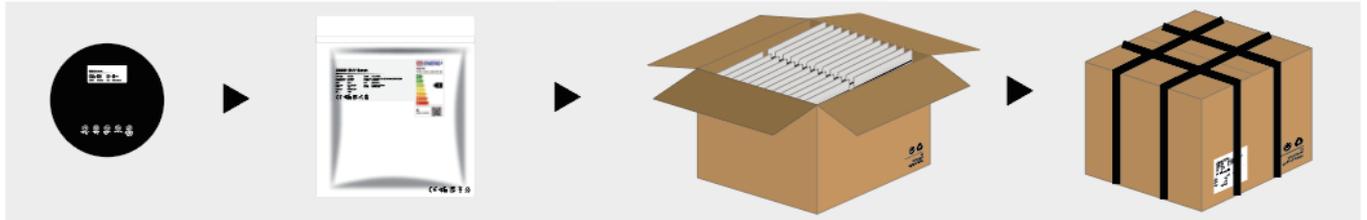
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	5mm*1.6mm	2700K/3000K/3500K/4000K/6500K	100%
NA		Nano-proof	5mm*1.6mm	2700K/3000K/3500K/4000K/6500K	98%

## 【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 (mm)
NO	5000*5*1.6	5	300	0.11	6.6	7.6	410*410*260
NA	5000*5*1.6	5	300	0.115	6.9	7.935	410*410*260

Remark: data with 10% tolerance

### · Engineering packaging of ETS(IP65)

(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 (mm)
NO	50000*5*1.6	50	650	0.92	12.1	13	410*410*260
NA	50000*5*1.6	50	650	0.97	12.6	13.6	410*410*260

Remark:data with 10% tolerance

### 【Cutting Guidance】

- Please make sure the pad area is large enough when cutting, click on the link for [Cutting details](https://www.colorsled.com/details/vZBnq5TZRO)

### 【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℃~40℃.Storage temperature: 0℃~60℃.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.

