

SMD Series Specification

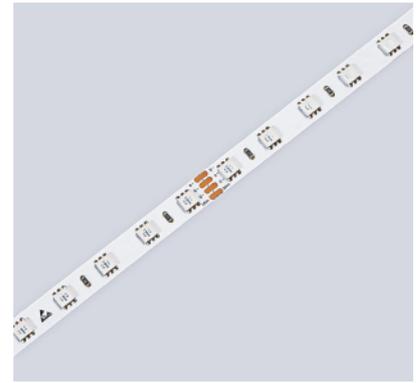
# DJ60RGB

## 24V-10mm

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## 【General description】

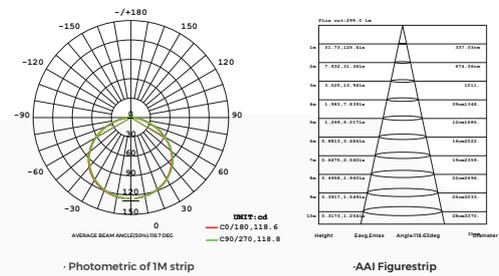
- RGB colorful strip
- Widely adaptable to all types of controllers, Self-encapsulated design
- High quality FPC, high thermal 3M adhesive
- With life span over 36000H
- Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



## 【Dimension】

Input voltage: DC24V  
 CRI: /  
 Max.power: 15.8W(1m)  
 Power range: 12.9~15.8W(1m)  
 Rated current: 0.6A(1m)  
 Typical Power: 14.4W(1m)  
 tape IP: IP20/IP65  
 Warranty: 3 years indoor / 2 years outdoor

Max.length: 5000mm(16.4')  
 Cutting unit: 6Leds/100mm  
 LED pitch: 16.66mm(0.65")  
 Min. bend diameter:  $\Phi$ 60mm(2.36")  
 Mounting: 3M tape  
 Copper foil: 2oz

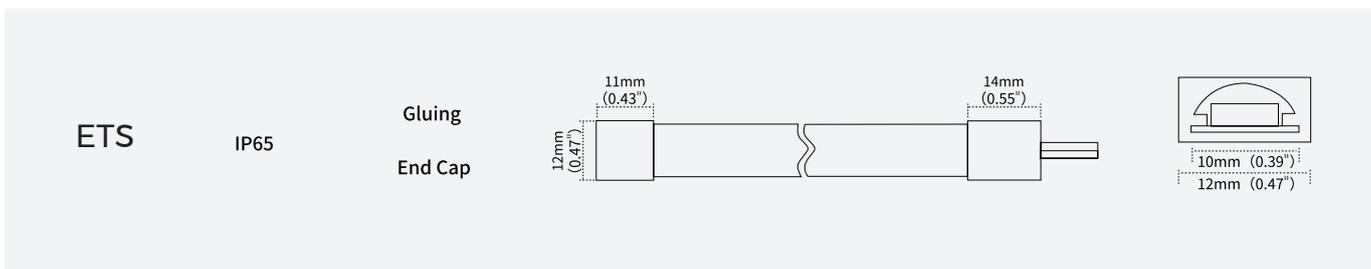


## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	620-630nm	350	107	24	/
/	G	520-530nm	860	262	60	/
/	B	460-470nm	165	50	11	/
/	RGB	RGB	430	131	30	/

- 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.

## 【IP process information】



## 【Electronic & output data】

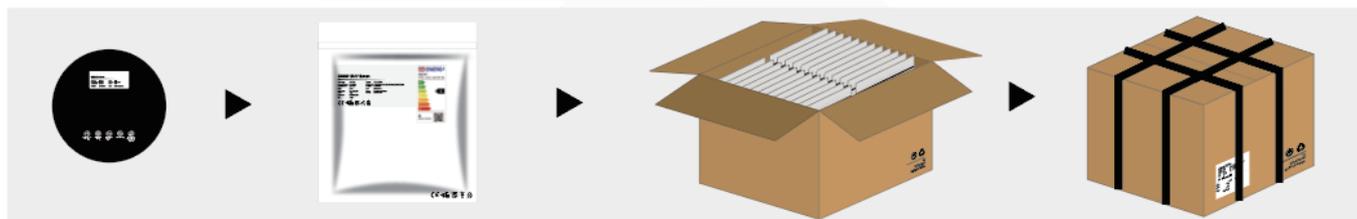
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*2.1mm	RGB	100%
NA		Nano-proof	10mm*2.1mm	RGB	98%
ETS		Extrusion tube	12mm*4.8mm	RGB	88%

## 【Packing】

Colors brand package



General customized package

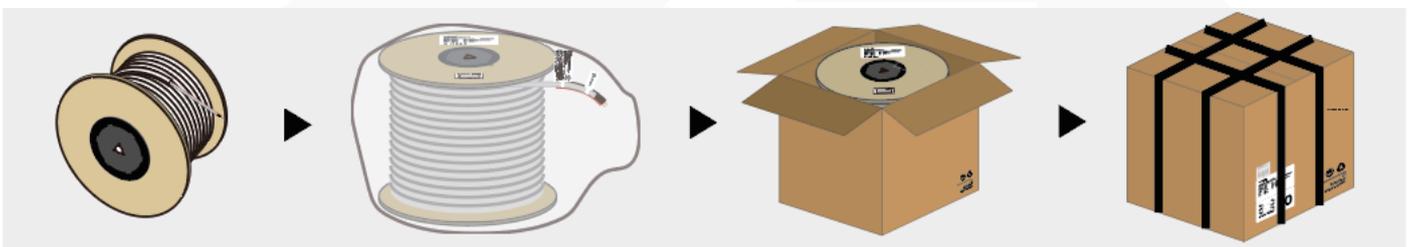


IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (mm)
NO	5000*10*2.1	5	250	0.15	7.5	8.625	410*410*260
NA	5000*10*2.1	5	250	0.153	7.65	8.798	410*410*260
ETS	5000*12*4.8	5	200	0.5	20	23	410*410*260

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*10*2.1	50	500	1.5	15	17.25	410*410*260
NA	50000*10*2.1	50	500	1.53	15.3	17.595	410*410*260
ETS	50000*12*4.8	50	100	5.1	10.2	11.73	255*255*260

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℃. 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.