

SMD Series Specification

DJ120RGBW

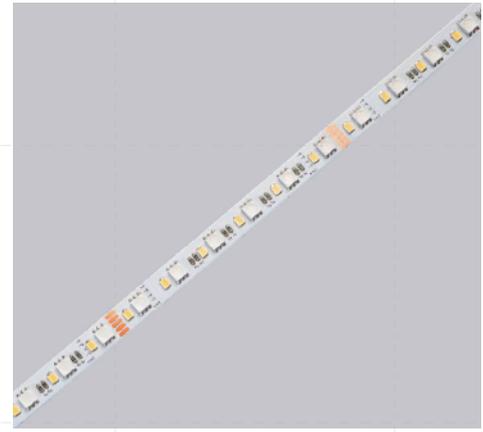
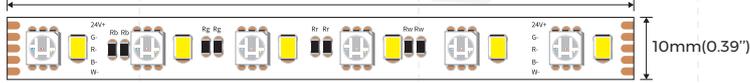
24V-10mm



【General description】

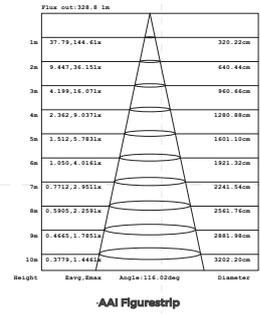
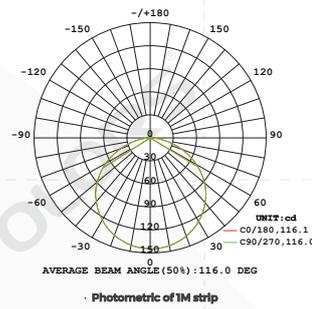
- RGBW colorful strip
- Widely adaptable to all types of controllers, Self-encapsulated design
- High quality FPC, high thermal 3M adhesive
- Ta: -25~40°C; Tc: 75°C (max)
- With life span over 36000H
- UL/UACK/CE/ROHS/REACH certification

Cutting unit: 100mm(3.94")



【Dimension】

Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: /	Cutting unit: 12leds/100mm(3.94")
Max.power: 18.5W(1m)	LED pitch: 8.33mm(0.33")
Power range: 15.1~18.5W(1m)	Min. bend diameter: Φ 60mm(2.36")
Rated current: 0.7A(1m)	Mounting: 3M tape
Typical Power: 16.8W(1m)	Copper foil: 2oz
tape IP: IP20/IP65	
Warranty: 3 years indoor / 2 years outdoor	

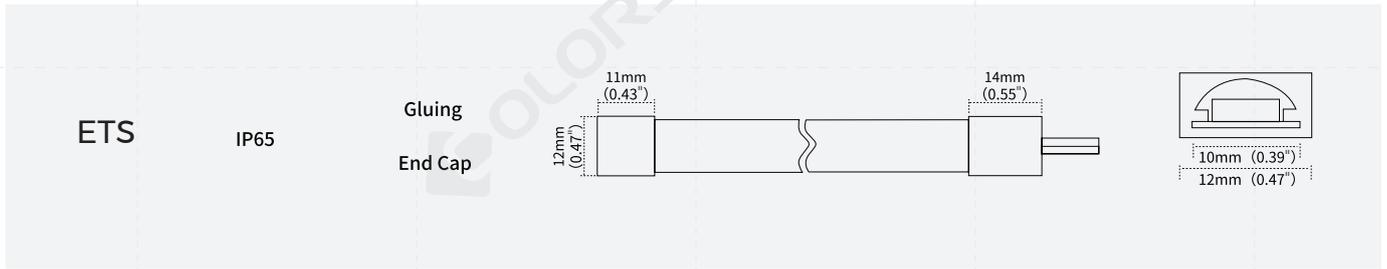


【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
90	RGBSW	RGB+2700K	820	250	49	/
90	RGBWW	RGB+3000K	820	250	49	/
90	RGBPW	RGB+3500K	840	256	50	/
90	RGBNW	RGB+4000K	870	265	52	/
90	RGBW	RGB+6500K	855	261	51	/
/	R	R:620-630nm	145	44	/	/
/	G	G:520-530nm	370	113	/	/
/	B	B:460-470nm	70	21	/	/

- 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 IP20/1mterter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

【IP process information】

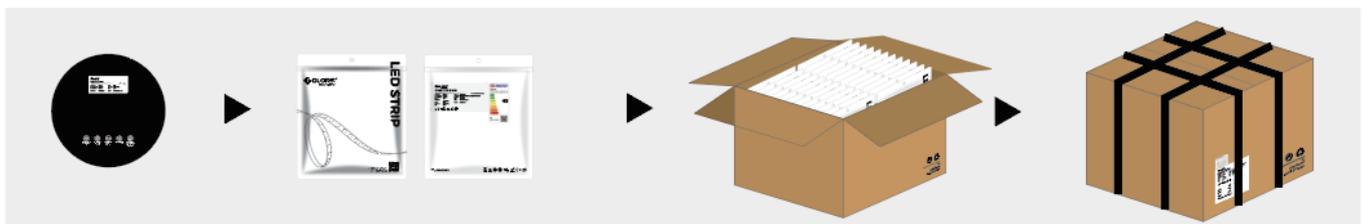


【Electronic & output data】

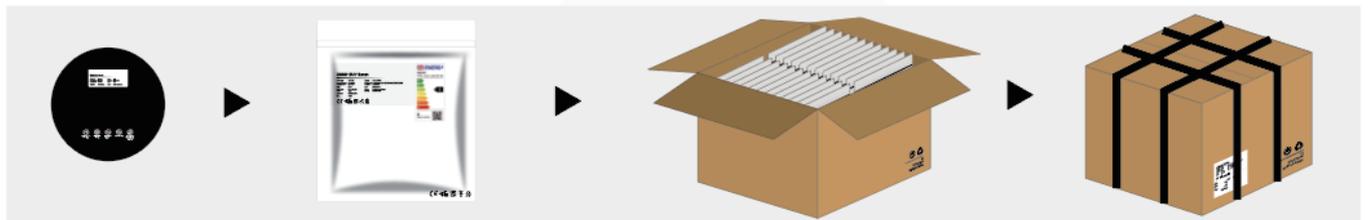
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*2.1mm	RGBW	100%
NA	 NANO/IP65	Nano-proof	10mm*2.1mm	RGBW	98%
ETS	 ETS/IP65	Extrusion tube	12mm*4.8mm	RGBW	88%

【Packing】

Colors brand package



General customized package

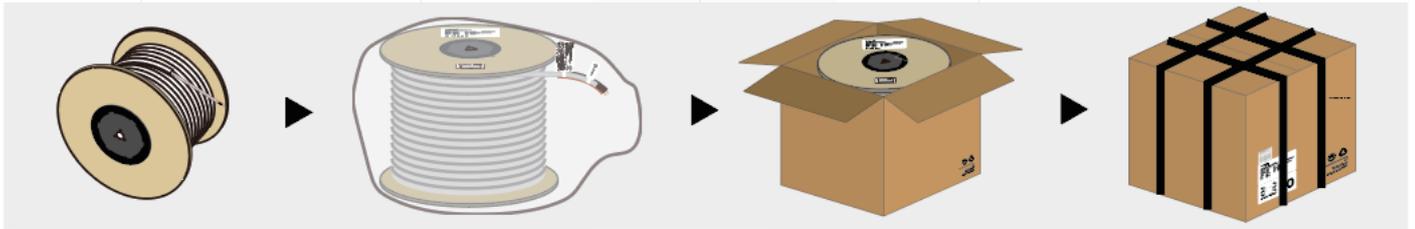


IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (mm)
NO	5000*10*2.1	5	250	0.15	7.5	8.625	410*410*260
NA	5000*10*2.1	5	250	0.153	7.65	8.798	410*410*260
ETS	5000*12*4.8	5	200	0.5	20	23	410*410*260

Remark: data with 10% tolerance

· Engineering packaging of NO(IP20)NA(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°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.