

Specification

DA696RGBSWW-24V-12mm



▼ General description

- 5 colours mixture design, more uniform light
- 65536 colors can be achieved at the highest level
- High quality FPC, high thermal 3M adhesive
- Ta: -25~40°C; Tc: 75°C (max)



▼ Dimension

※Max.length: 5000mm

Cutting unit: 18leds/62.5mm

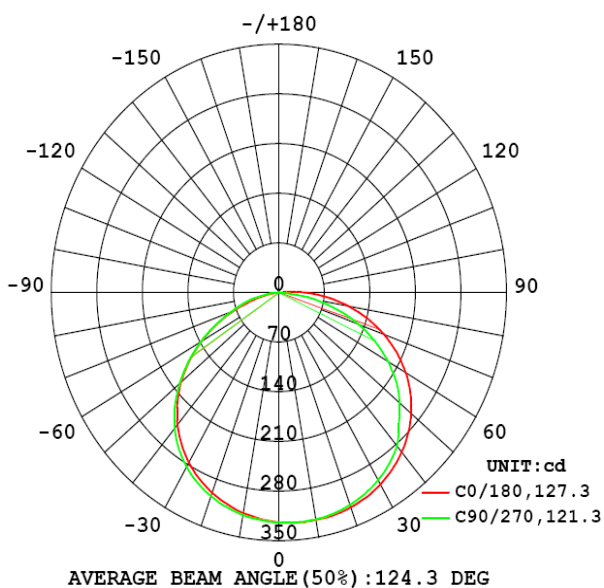
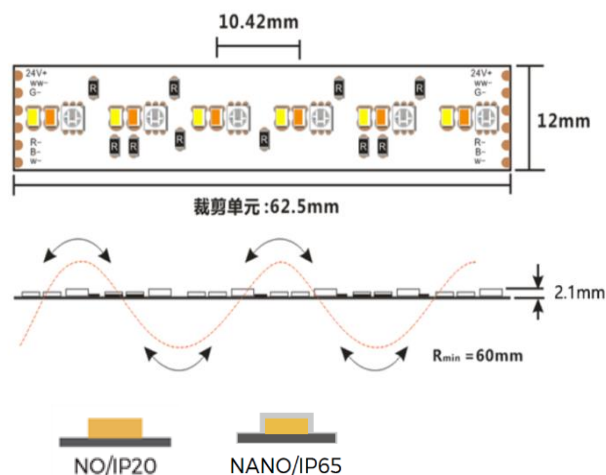
LED pitch: 10.42mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65

※Warranty: 3years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 121.26deg	Diameter
1m	80.66, 324.21x		355.35cm
2m	20.16, 81.061x		710.69cm
3m	8.962, 36.031x		1066.04cm
4m	5.041, 20.271x		1421.39cm
5m	3.226, 12.971x		1776.74cm
6m	2.240, 9.0071x		2132.08cm
7m	1.646, 6.6171x		2487.43cm
8m	1.260, 5.0661x		2842.78cm
9m	0.9958, 4.0031x		3198.13cm
10m	0.8066, 3.2421x		3553.47cm

AAI Figure

※Max.length data is based on 10% voltage drop

※Warranty is based on indoor use

▼Electronic & output data

Input voltage: DC24V

Rated current: 0.73A(1m) /3.2A(5m)

Typical Powe: 17.5W(1m) /76.8W(5m)

CRI: >0

Max.power: 19.2 W

On-off times: 10000 (test times)

Power range: 15.9~19.2W

Copper foil: 2oz

CRI	Color	Wavelength	Lumen(lm)	lm/W	Energy efficiency class
>90	SW	2700K	287	71	/
>90	W	6000K	334	83	/
0	Red	625	36	21	/
0	Green	525	144	69	/
0	Blue	470	31	16	/
0	RGBSWW	/	820	/	/

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

▼IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	12mm*2.1mm	RGBSWW	100%
NA		Nano-proof	12mm*2.1mm	RGBSWW	98%

▼Accessories Information

Name	Picture	Code	description
Fixed Clip		94-02-00-0019	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 12mm FPC,NO/NA LED
RGBLWW set		23-01-00-0029 (remote control) 23-01-00-0028 (controller)	FUT089+LS2 Input voltage: DC12-24V Maximum loaded current: 3A*5H Maximum loaded power: 180W (12V)/360W (24V)

▼Order Code Formats

1: Category	2: LED	3: LED/m	4: Voltage	5:FPC Width	6: IP Process	7: CRI	8: CCT
D	-	A6 3838+2216 96 96 LED	24 24V	12 12mm	NO NO	0 0	RGBSW W RGBSW W

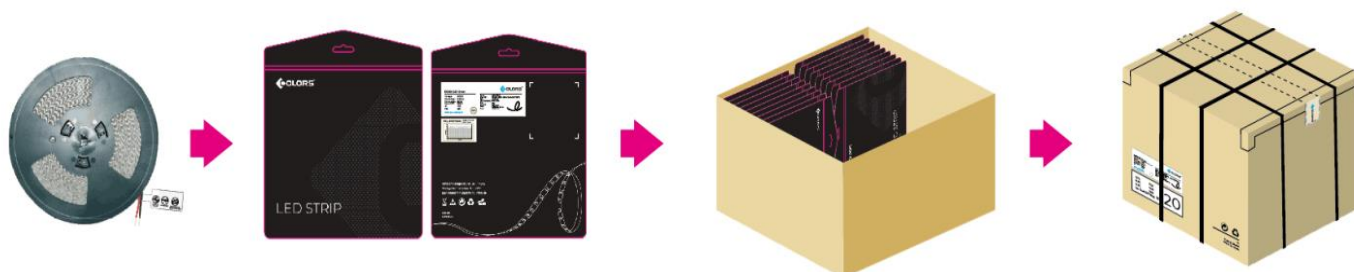
					NA	NANO		
D	-	A6	96	24	12	NO	0	RGBSWW

9: Silk Printing		10: Entry cable		11: Wire type		12: Wire length		13: Tape type		14: Label Type		15: Strip Length	
N	Neutral	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0500	5m
C	COLORS	D	Doubel	B	SM-male wire	020	20cm	Y	Yellow 3M	S	Customized		
S	Customized	X	Nothing	C	SM-female wire	050	50cm	R	Red tape				
				X	Nothing	100	100cm	X	Nothing				
						0	Nothing						
N		S		A		012		W		C		0500	

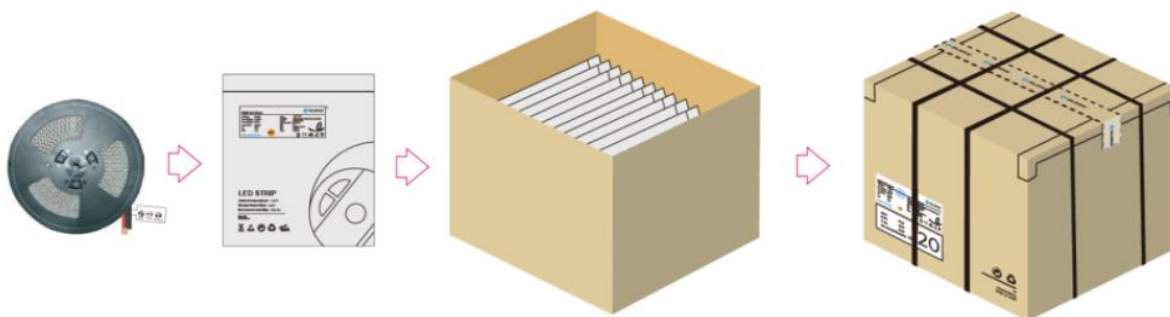
DA6962412NO-0RGBSWWNSA012WC0500

▼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*12*2.1	5	250	0.18	9	10.35	41*41*26
NA	5000*12*2.1	5	250	0.183	9.15	10.523	41*41*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).