

Specification

DA120RGB-24V-5mm



▼ General description

- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive, Smallest and thinnest with LED RGB
- Ta: -25~40°C; Tc: 75°C (max)



▼ Dimension

※Max.length: 5000mm

Cutting unit: 6leds/50mm

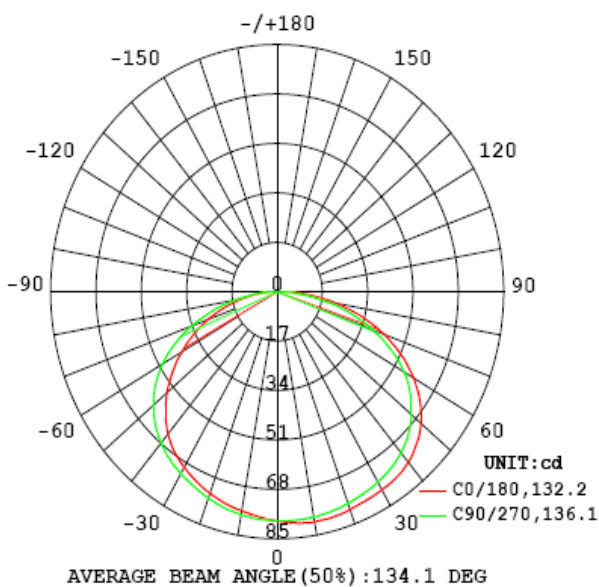
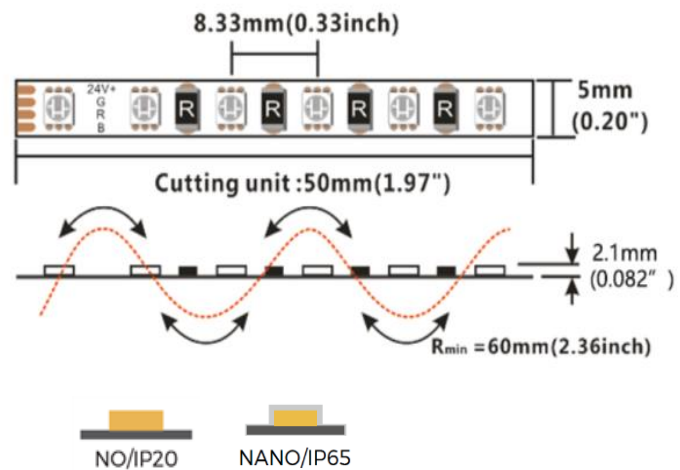
LED pitch: 8.33mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65

※Warranty: 3years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 132.15deg	Diameter
1m	14.01, 79.14lx		450.78cm
2m	3.503, 19.79lx		901.57cm
3m	1.557, 8.793lx		1352.35cm
4m	0.8758, 4.946lx		1803.14cm
5m	0.5605, 3.166lx		2253.92cm
6m	0.3893, 2.198lx		2704.71cm
7m	0.2860, 1.615lx		3155.49cm
8m	0.2190, 1.237lx		3606.28cm
9m	0.1730, 0.977lx		4057.06cm
10m	0.1401, 0.7914lx		4507.85cm

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: 0.31A(1m) /1.35A(5m)

Typical Powe: 7.5W(1m) /32.4W(5m)

CRI: >0

Max.power: 9 W

On-off times: 10000 (test times)

Power range: 6.2~9W

Copper foil: 2oz

CRI	Color	Wavelength	Lumen(lm)	lm/W	Energy efficiency class
0	Red	625	48	20	/
0	Green	525	212	78	/
0	Blue	470	44	18	/
0	RGB	/	293	39	/

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	5mm*2.1mm	RGB	100%
NA		Nano-proof	5mm*2.1mm	RGB	98%

▼Accessories Information

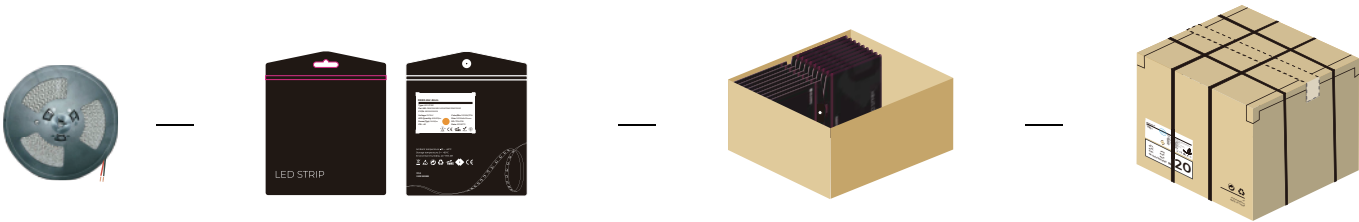
Name	Picture	Code	description
RGB set		23-01-00-0046	M3+M4-5A Input voltage: 12-24VDC Maximum loaded current: 6A*3CH Max 18A Maximum loaded power:216W/432W(12V/24V)

▼Order Code Formats

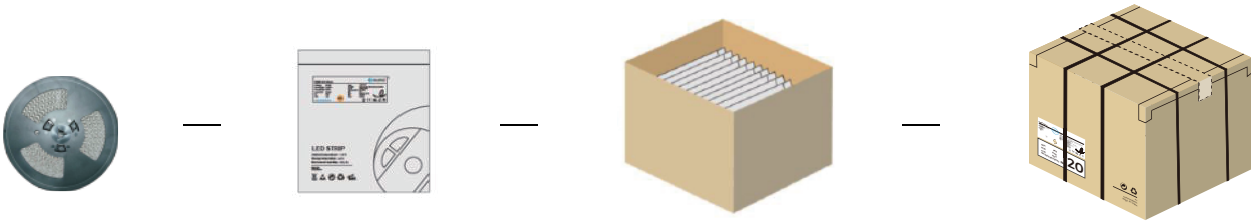
1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	A	3838	120	120 LED	24	24V	05	5mm	NO NA	NO NANO	0	0	RGB	RGB
D	-	A		120		24		05		NO		0		RGB	
9: Silk Printing		10: Entery cable		11: Wire type		12: Wire length		13: Tape type		14: Label Type		15: Strip Length			
N	Neutral	S	Single	A	red and black cable	012	12cm	W	White 3M	L	SEL	0500	5m		
L	SEL	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		L		0500			
DA1202405NO-0RGBNSA012WL0500															

▼Packing

SEL 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*5*2.1	5	400	0.095	7.6	8.74	41*41*26
NA	5000*5*2.1	5	400	0.097	7.76	8.924	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).