

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 thinest with LED RGB

•Ta: -25~40°C; Tc: 75°C (max)



▼ Dimension

*Max.length: 5000mm

Cutting unit: 6leds/50mm

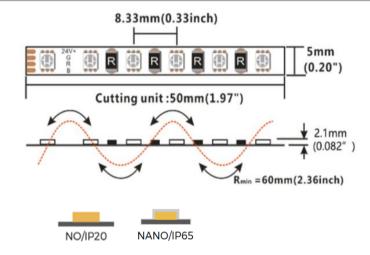
LED pitch: 8.33mm

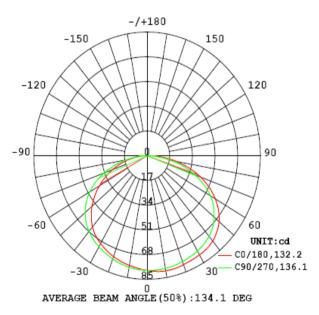
Min. bend diameter: Φ60mm

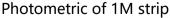
Mounting: 3M tape

IP: IP20/IP65

*Warranty: 3years

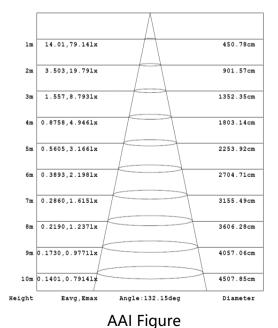






%Max.length data is based on 10% voltage drop

***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%

▼IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO	NO/IP20	No proof	5mm*2.1mm	RGB	100%
NA	NANO/IP65	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)

^{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



▼Order Code Formats

1: Category 2: LED		: 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	_		Δ		120		24		05		NO	Λ		R	GB

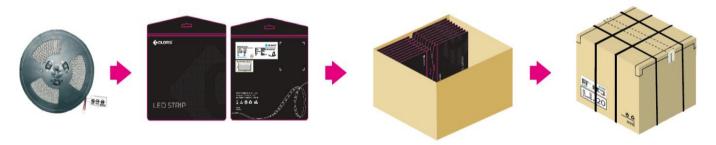
9:	Silk Printing	10:	Entery cable	11	1: Wire type	12: W	ire length	13:	Tape type	14:	Label Type	15: Strip	Length
N	Neutral	S	Single	Α	red and black cable	012	12cm	W	White 3M	С	COLORS	0500	5m
C	COLORS	D	Doubel	В	SM-male wire	020	20cm	Υ	Yellow 3M	S	Customized		
S	Customized	Х	Nothing	С	SM-female wire	050	50cm	R	Red tape				
				Χ	Nothing	100	100cm	Χ	Nothing				
						0	Nothing						
	N		S		Α		012		W		С	050	0

DA1202405NO-0RGBNSA012WC0500

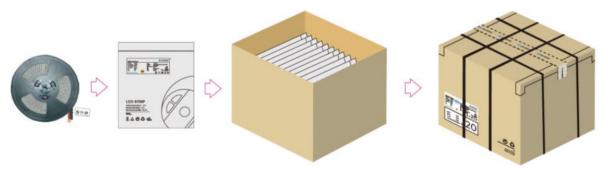
Version: A/01

▼ 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*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.
- X 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).