

Specification

DA168RGB-24V-10mm



▼ General description

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



▼ Dimension

※Max.length: 5000mm

Cutting unit: 6leds/35.7mm

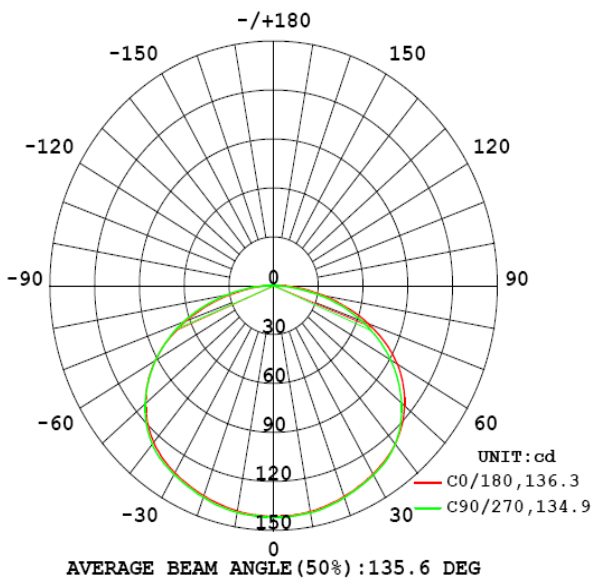
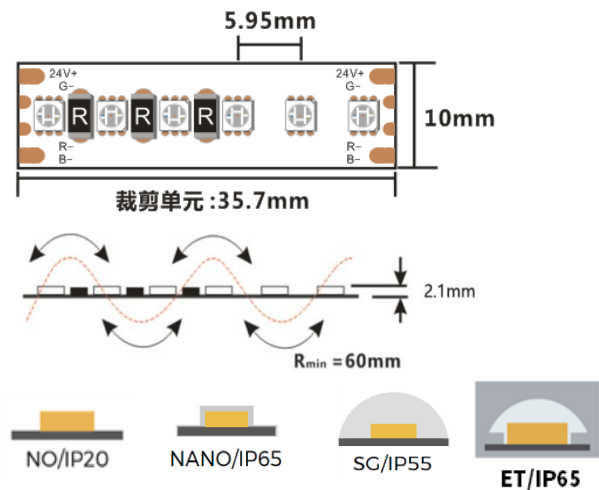
LED pitch: 5.95mm

Min. bend diameter: Φ60mm

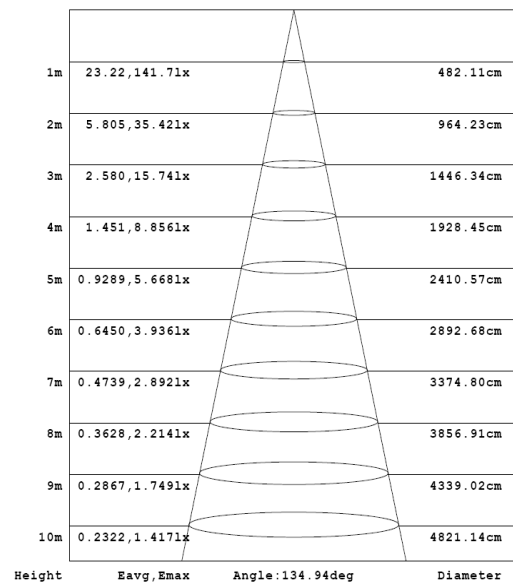
Mounting: 3M tape

IP: IP20/IP55/IP65

※Warranty: 3years



Photometric of 1M strip



AAI Figure

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

※Warranty is based on indoor use

▼ Electronic & output data





Input voltage: DC24V
 Typical Powe: 15.7W(1m) /72W(5m)
 Max.power: 17.3 W
 Power range: 14.3~17.3W

Rated current: 0.654A(1m) /3A(5m)
 CRI: >0
 On-off times: 10000 (test times)
 Copper foil: 2oz





CRI	Color	Wavelength	Lumen(lm)	lm/W	Energy efficiency class
0	Red	625	111	21	/
0	Green	525	376	66	/
0	Blue	470	91	17	/
0	RGB	/	534	34	/




- 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	10mm*2.1mm	RGB	100%
NA		Nano-proof	10mm*2.1mm	RGB	98%
SG		Gel coating	10mm*2.8mm	RGB	90%
ET		Extrusion tube	12mm*4.8mm	RGB	88%

▼ Accessories Information

Name	Picture	Code	description
Fixed Clip		94-02-00-0003	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EH/EF/ET strip
Fixed Clip		94-02-00-0018	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm FPC,NO/NA LED strip
Fixed Clip		94-02-00-0016	Fixed clip, transparent, 3*8mm self-tapping screws,suitable for 10mm FPC,SG LED strip
Silicone end cap set		94-02-00-0022	including end cap and plug,suitable for 10mm FPC,EH/ET/EF silicone extrusion strip

Mounting groove		94-02-00-0025	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	Silicone gel,suitable for ST/ET/EH/EF/SF waterproof LED strip
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

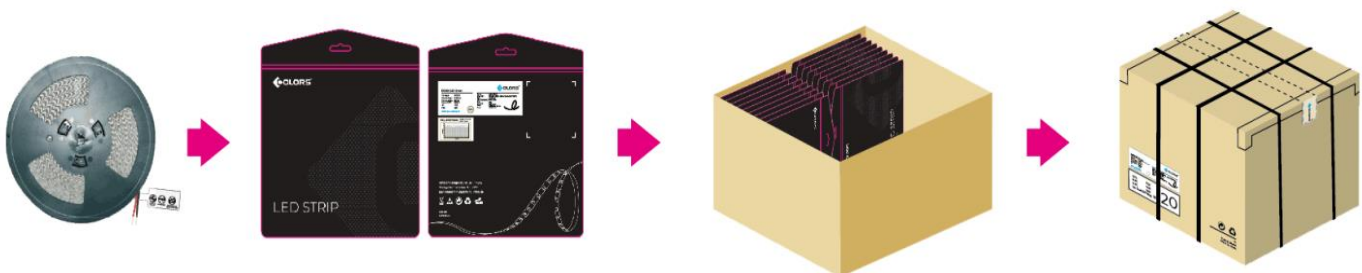
1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	A	3838	168	168 LED	24	24V	10	10mm	NO	NO	0	0	RGB	RGB
										NA	NANO				
										SG	Gel coating				
										ET	Extrusion tube				
D	-	A		168		24		10		NO		0		RGB	

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	

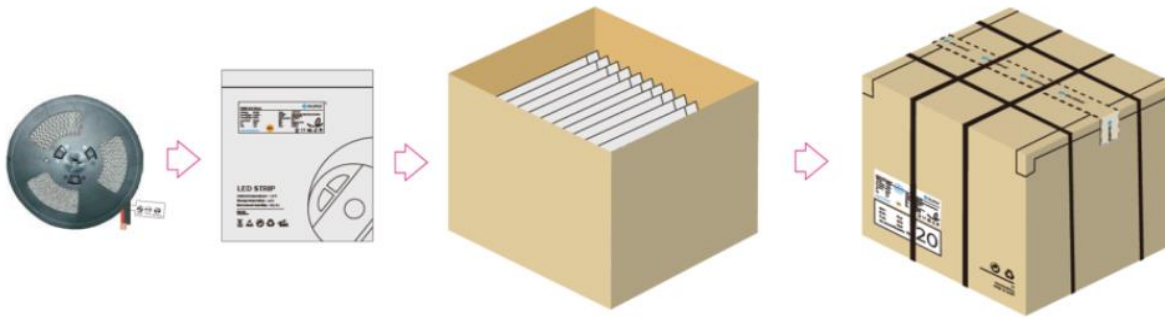
DA1682410NO-ORGBNSA012WC0500

▼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*10*2.1	5	250	0.154	7.7	8.855	41*41*26
NA	5000*10*2.1	5	250	0.157	7.85	9.0275	41*41*26
SG	5000*10*2.8	5	250	0.245	12.25	14.087	41*41*26
ET	5000*12*4.8	5	200	0.504	20.16	23.184	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).