

Specification

Toning series-DA168RGB-24V-10mm

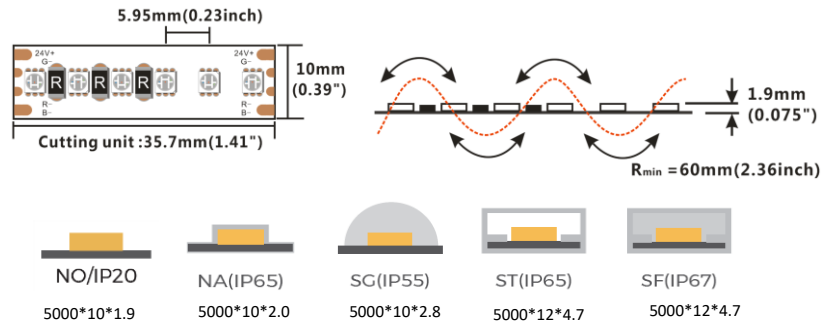


General description

- ※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)
- ※3 years warranty

Dimensions

- Max.length:** 5000mm(16.4')
- Cutting unit:** 35.7mm/6leds
- LED pitch:** 5.95mm(0.23")
- Min. bend diameter:** Φ60mm(2.36inch)
- Mounting:** 3M tape
- IP:** IP20/IP55/IP65/IP67

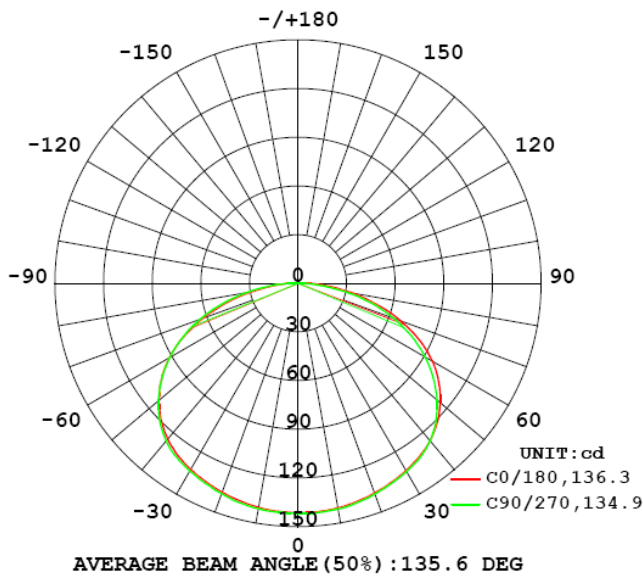


Electronic & output data

- Input voltage:** 24VDC
- Rated current:** 0.654A/1m; 3A/5m
- Typical Power:** 15.7W/1m(4.79W/FT); 72W/5m
- Power range:** 14.3~17.3W
- Max.power:** 17.3W(5.27W/FT);
- CRI:** RGB
- On-off times:** 10000 (test times)
- Copper fiol:** 2oz


Color	RGB	R	G	B
wavelength	/	625nm	525nm	470nm
Lumen	534	111	376	91
Lm/W	34	21	66	17
Energy efficiency class	/	/	/	/

1.The tolerance of output data can vary up to 10%
 2.the output data tested according to IES LM-79-08
 3.the output data is based on IP20/1merter
 4.IP protection process leads changes to size, CCT and luminous flux



Height	Eavg, Emax	Angle: 134.94deg	Diameter
1m	23.22, 141.71x		482.11cm
2m	5.805, 35.421x		964.23cm
3m	2.580, 15.741x		1446.34cm
4m	1.451, 8.8561x		1928.45cm
5m	0.9289, 5.6681x		2410.57cm
6m	0.6450, 3.9361x		2892.68cm
7m	0.4739, 2.8921x		3374.80cm
8m	0.3628, 2.2141x		3856.91cm
9m	0.2867, 1.7491x		4339.02cm
10m	0.2322, 1.4171x		4821.14cm

Accessories Information

Type	Name	Picture	Code	Color	Protection technique	Remark
wire cable with connector	red and black cable		94-01-00-0009 (head) /94-01-00-0042 (tail)	black/green/red/blue	NO/ST/SF/NA/SG	20AWG L=120mm
	SM-male wire		94-01-00-0016	black/green/red/blue	NO	20AWG L=210mm
	SM-female wire		94-01-00-0017	black/green/red/blue	NO	20AWG L=210mm
	Lucid wire		94-01-00-0032	transparent	NO/NA/ST/SG/SF	20AWG L=150mm
	Lucid-male wire		94-01-00-0033	transparent	NO/NA/ST/SG/SF	20AWG L=240mm
	Lucid-female wire		94-01-00-0034	transparent	NO/NA/ST/SG/SF	20AWG L=240mm
	single pin,"-"shape wire connector		94-01-00-0044	transparent	-	Wire Diamerer < 2.1mm
	single pin,"T"shape wire connector		94-01-00-0043	transparent	-	Wire Diamerer < 2.1mm
	double pin,"-"shape wire connector		94-01-00-0046	transparent	-	Wire Diamerer < 2.1mm
	double pin,"T"shape wire connector		94-01-00-0045	transparent	-	Wire Diamerer < 2.1mm
Fixed parts	10mm Fixed clasp		94-02-00-0003	transparent	ST	-
	10mm Tube clamps		94-02-00-0018	transparent	NO/NA	-
	10mm Tube clamps		94-02-00-0016	transparent	SG	-
	Split-box		94-01-00-0047	White	-	-
	Quick wiring		94-01-00-0048	transparent	-	Wire Diamerer < 2.1mm

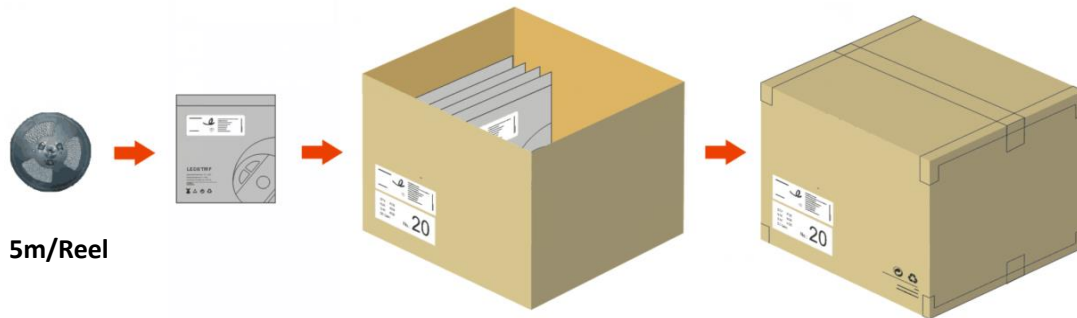
Order Code Formats

1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	A	3838	168	168LED	24	24V	10	10mm	NO	NO	0	RGB	RGB	RGB
										NA	NANO				
										SG	Gel coating				
										ST	Silicone tube				
										SF	Silicone filling				
9:Silk Printing		10: Entery cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length			
C	COLORS	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0050	0.5m		
S	customized	D	doubel	B	SM-male wire	015	15cm	Y	Yellow 3M	S	customized	0100	1m		
N	Neutral	X	Nothing	C	SM-female wire	020	20cm	R	Red 3M			0200	2m		
				X	Nothing	050	50cm	X	Nothing			0500	5m		
						000	Nothing								

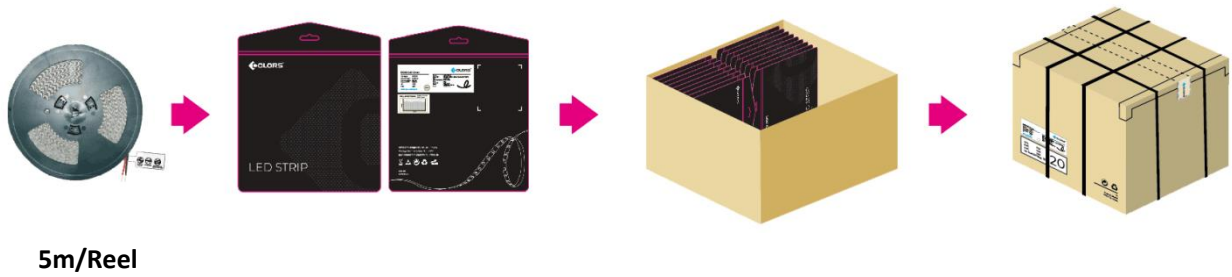
DA1682410NO-ORGBNDA012WC0500

Packing

1. Conventional packaging of NO(IP20)/NA(IP65)/SG(IP55) /ST(IP65)/SF(IP67)



2. Brand packaging of NO(IP20)/NA(IP65)/SG(IP55) /ST(IP65)/SF(IP67)



Disclaimer

- ※ 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: $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$. Storage temperature: $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$. 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).

