

Specification

Toning Series-DA240RGB-24V-12mm

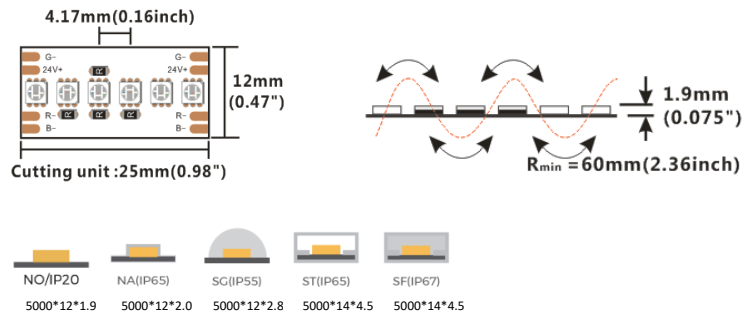


General description

- ※Ultra high density, 240leds/m
- ※colors can be achieved at the highest level
- ※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: 25mm/6leds
LED pitch: 4.17mm(0.16")
Min. bend diameter: Φ60mm(2.36inch)
Mounting: 3M tape
IP: IP20/IP55/IP65/IP67

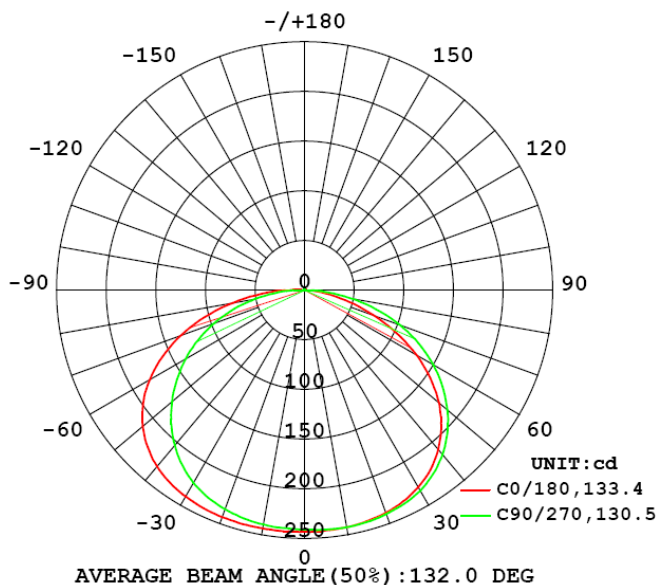


Electronic & output data

Input voltage: 24VDC
Rated current: 0.683A/1m ; 3.1A/5m
Typical Power: 16.4W/1m(5 W/FT); 74.4W/5m
Power range: 14.9~18W
Max.power: 18W(5.49W/FT)
CRI: RGB
On-off times: 10000 (test times)
Copper foil: 2oz

Color	RGB	R	G	B
Wavelength	/	625nm	525nm	470nm
Lumen	787	155	682	134
Lm/W	48	24	92	20
Energy efficiency class	/	/	/	/

1.The tolerance of output data can be 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: 130.32deg	Diameter
1m	45.99, 243.21x		432.02cm
2m	11.50, 60.811x		864.05cm
3m	5.110, 27.031x		1296.07cm
4m	2.875, 15.201x		1728.10cm
5m	1.840, 9.7301x		2160.12cm
6m	1.278, 6.7571x		2592.15cm
7m	0.9386, 4.9641x		3024.17cm
8m	0.7186, 3.8011x		3456.20cm
9m	0.5678, 3.0031x		3888.22cm
10m	0.4599, 2.4321x		4320.25cm

Accessories Information

Type	Name	Picture	Code	Color	Protection technique	Remark
wire cable with connector	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
	4PIN 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 Diameter < 2.1mm
	single pin,"T"shape wire connector		94-01-00-0043	transparent	-	Wire Diameter < 2.1mm
	double pin,"-"shape wire connector		94-01-00-0046	transparent	-	Wire Diameter < 2.1mm
	double pin,"T"shape wire connector		94-01-00-0045	transparent	-	Wire Diameter < 2.1mm
Fixed parts	12mm Fixed clasp		94-02-00-0004	White	ST	-
	12mm Tube clamps		94-02-00-0019	transparent	NO/NA	-
	Split-box		94-01-00-0047	White	-	
	Quick wiring		94-01-00-0048	transparent	-	Wire Diameter < 2.1mm

Order Code Formats

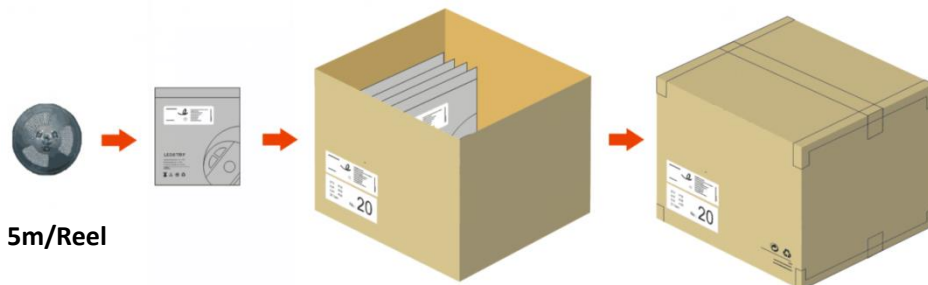
1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	A	3838	240	240LED	24	24V	12	12mm	NO	NO	0	RGB	RGB	RGB
										NA	NANO				
										SG	Gel coating				
										ST	Silicone tube				
										SF	Silicone filling				
9:Silk Printing		10: Entry cable		11:Wire type		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	0100	1.0M		
S	customized	D	doubel	B	SM-male wire	015	15cm	Y	Yellow 3M	S	customized	0250	2.5M		
N	Neutral	X	Nothing	C	SM-female wire	020	20cm	X	Nothing			0500	5M		
				X	Nothing	050	50cm								
						000	Nothing								

DA2402412NO-0RGBNDA012WC0500



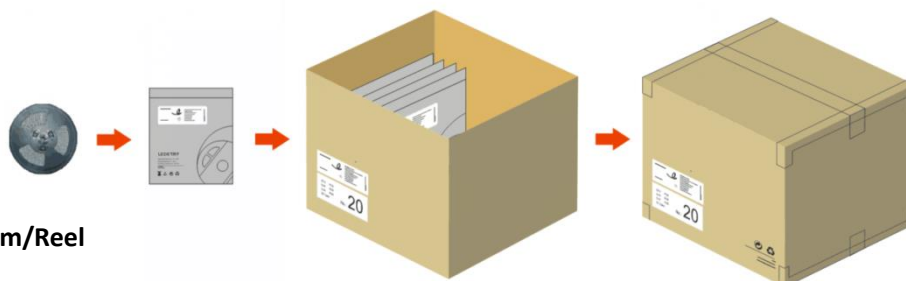
Packing

1. Conventional packaging of IP20.



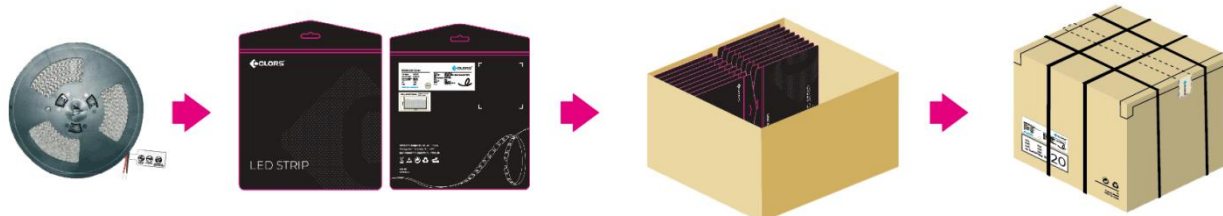
5m/Reel

2. Conventional packaging of IP65.



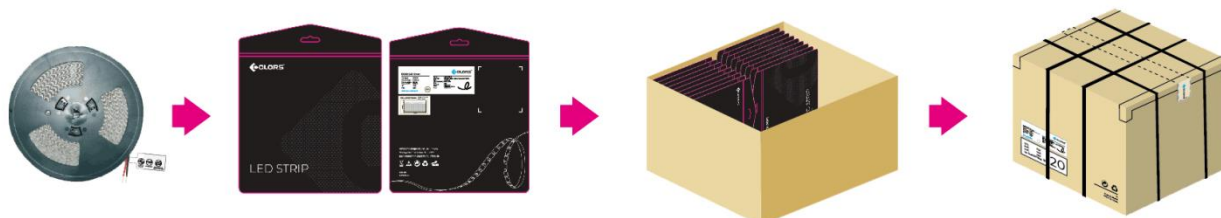
5m/Reel

3. CORLORS Brand packaging of IP20.



5m/Reel

4. CORLORS Brand packaging of IP65.



5m/Reel



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 °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).

